



ESTRO Community Survey

8 February – 8 March 2021

Analytical Report

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Table of Contents

Abstract	1
1. Introduction.....	2
2. Approach and methodology	4
2.1. Planning and first review	4
2.2. Second review and finalisation.....	4
2.3. Selection of the pool of recipients	5
2.4. Composition of the pool of respondents.....	5
2.5. Report structure.....	6
3. Preferential analysis of ESTRO activities	8
3.1. Consolidated results	8
3.2. Segmented analysis.....	8
4. ESTRO Annual Congress	10
4.1. Attendance: expectations and barriers	10
4.2. Main drivers to attending the ESTRO Annual Congress	11
4.3. Preferred format for the ESTRO Annual Congress.....	14
5. ESTRO Workshops.....	20
5.1. Attendance trends in ESTRO Workshops	20
5.2. Main drivers to attending ESTRO Workshops.....	21
5.3. Preferred format for ESTRO Workshops	22
6. ESTRO School Courses	25
6.1. Attendance trends in ESTRO School courses	25
6.2. Preferential analysis of course types and formats	26
6.3. Course formats and School curriculum	28
7. ESTRO Communication Channels	31
7.1. How does the Community keep up to date with ESTRO activities?	31
7.2. Focus: ESTRO website, newsletter and social media	32
8. ESTRO Scientific Journals.....	35
8.1. Access to ESTRO scientific journals: trends and statistics	35
8.2. The Scientific Journals in the daily practice.....	37
9. Membership & Participation	39
9.1. Membership fee: trends and statistics	39

9.2. Society engagement: opportunities and barriers	39
10. Conclusions	43
Annexes	46
Annex 1 – ESTRO Community Survey – Full Summary Report	47

Table of Tables

Table 1 - Ranking of preferred ESTRO activities – Aggregated data	8
Table 2 - Congress attendance - Key barriers	10
Table 3 – Preferred aspects of attending the ESTRO Annual Congress – Aggregated data	11
Table 4 – Preferred aspects of attending the ESTRO Annual Congress – Split by medical specialty	13
Table 5 - ESTRO Annual Congress – Summary of findings	18
Table 6 – Preferred aspects of attending an ESTRO Workshop – Aggregated data	21
Table 7 - ESTRO Workshops - Summary of findings	24
Table 8- ESTRO School courses – Summary of findings	29
Table 9 - ESTRO Communication channels - Summary of findings	33
Table 10 - ESTRO Scientific journals - Summary of findings	38
Table 11 - Membership & Participation - Summary of findings	41

Table of Figures

Figure 1 – Main advantages of attending an online event - Aggregated data	15
Figure 2 – Main disadvantages of attending an online event - Aggregated data	16
Figure 3 – Preferred format for the ESTRO Annual Congress post-COVID - Aggregated data	17
Figure 4 - Preferred format for the ESTRO Workshops post-COVID - Aggregated data	23
Figure 5 – Ranking of preferred course types - Aggregated data	26
Figure 6 – Preferred duration for blended/online formats – Aggregated data	28
Figure 7 – Course organisation in a time of limited resources	29
Figure 8 - Preferred ESTRO communication channels - Aggregated data	31
Figure 9 – Scientific journals: access trends – Aggregated data	37
Figure 10 - Barriers to becoming more involved in ESTRO - Aggregated level	41

Abbreviations and Acronyms

- **ctRO** – Clinical and Translational Radiation Oncology
- **phiRO** – Physics and Imaging in Radiation Oncology
- **GDPR** – General Data Protection Regulation
- **GNI** – Gross National Income
- **RT** – Radiation Therapy

- **RTT** – Radiation Therapy Technologist
- **tipsRO** – Technical Innovations and Patient Support in Radiation Oncology
- **WHO** – World Health Organisation

Abstract

This report presents the main outcomes and takeaways of the ESTRO Community Survey, a large-scale consultation launched by the ESTRO Board between 8 February and 8 March 2021 to gain insights on the needs and expectations of the radiation oncology community with respect to the activities organised by the Society. The survey leveraged feedback from a large cohort of respondents, including 704 radiation oncology professionals from different medical specialties, age groups and geographical regions. The data was collected via a quantitative questionnaire survey consisting of 43 questions, including YES/NO questions, multiple-choice questions, matrix/rating scale questions and Likert-scale questions. An open comment section was added throughout the survey to complement the empirical analysis with a qualitative layer. The report aims to deliver both a high-level and granular overview of the survey takeaways. In doing so, it sets out to serve as a guiding tool to better inform the Society's decision-making regarding its value proposition.

1. Introduction

This report presents the main outcomes of the ESTRO Community Survey, a large-scale consultation launched by the ESTRO Board from 8 February to 8 March 2021. The goal of this project is to take stock of the events of the past 2 years to gain a clear sense of what radiation oncology professionals identify as important when they decide to engage in ESTRO activities or subscribe for an ESTRO membership. The COVID-19 crisis has had a significant impact on the Society's life: on the one hand, the pandemic affected ESTRO's resources and operational structure; on the other hand, however, it provided the opportunity to rethink how the Society can work to bring value to its community.

ESTRO's key value proposition rests on its ability to bring together the radiation oncology community in a European platform to exchange knowledge and promote research and standardise the practice through networking. For many years, this vision fed into a large portfolio of events, educational activities, workshops, and research projects. The inability to implement these activities as usual, i.e., via face-to-face interaction, presented the Society with a question: is the vision of the ESTRO leadership aligned with the needs of its membership? To answer this question, the first step identified by the ESTRO Board was to gain a clear understanding of the needs of its community and identify which aspects of the Society are most valued. In this sense, the survey aims to serve as a guiding tool for the decision-making of the Society's leadership in which the shared vision for all of the ESTRO community can be realised.

To achieve this objective, research was conducted to gather perceptions on current and future needs of the radiation oncology community, with a specific focus on how these reflect on people's preferences when engaging in the society through its different activities. The study captured a large cohort of respondents, ranging from long-standing members to professionals who have only occasionally interacted with the Society. Overall, the survey leveraged feedback from 704 radiation oncology professionals from all over the world, including all of the medical specialties represented by the Society.

Anonymous data was collected primarily via a quantitative questionnaire survey consisting of 43 questions. The questionnaire included mostly YES/NO questions, multiple-choice questions, matrix/rating scale questions and Likert-scale questions. Additionally, many questions were complemented by an open comment section, in order to add a qualitative layer to the empirical analysis.

Without aiming to be exhaustive, this report sets out to describe the main outcomes of the Community Survey and lay down the main findings of the analysis. In doing so, the aim is to provide both a high-level and granular overview of what radiation oncology professionals are looking for when engaging in ESTRO.

The report is structured as follows:

- **Chapter 2: Approach and methodology** - This chapter describes the methodological approach adopted to address the research questions of this study. It covers the main steps

in the development of the Community Survey, the recruitment and sampling methodology, as well as the composition of the respondent pool.

- **Chapter 3: Preferential analysis of ESTRO** - This chapter introduces the activities-specific analysis by providing a preferential overview of users' perceptions with respect to the different value propositions offered by the Society.
- Chapters 4 to 8 outline in detail the specific ESTRO activities, which make up the different focus areas of this study. For each focus area, findings and takeaways have been organised taking into account: 1) attendance trends, drivers and barriers to participation, and preferred formats for ESTRO events; 2) access statistics and preferential sampling for other activities (e.g., communication channels, scientific journals). Chapters 4 to 8 are organised as follows:
 - **Chapter 4: ESTRO Annual Congress**
 - **Chapter 5: ESTRO Workshops**
 - **Chapter 6: ESTRO School Courses**
 - **Chapter 7: ESTRO Communication Channels**
 - **Chapter 8: ESTRO Scientific Journals**
- **Chapter 9: Membership & Participation** - This closing chapter provides a broad overview of the data collected on ESTRO membership, as well as some key findings on respondents' perceptions regarding their engagement within the Society.

2. Approach and methodology

2.1. Planning and first review

The ESTRO Community Survey was launched at the initiative of the ESTRO Board in September 2020, as part of an 18-month strategy aiming to implement a more informed decision-making process across the Society. The survey aimed to leverage feedback from the ESTRO Community at large, including not only active members, but anyone who has taken part in ESTRO activities in the last 2 years.

The first discussions regarding the need of a structured assessment of the ESTRO Community's needs and expectations began in the Board meeting of 2 September 2020. On that occasion, the Board decided to launch a consultation and created a multidisciplinary study team, which received the mandate to create a high-level draft of the survey. The composition of the team is as follows:

- **GEC-ESTRO Committee** – Kari Tanderup
- **Physics Committee** – Nuria Jornet
- **RTT Committee** – Elizabeth Forde
- **ESTRO School** – Jesper Eriksen
- **ESTRO Office** – Simone De Ioanna

The team met twice on 10 and 17 September 2020 and was able to present the Board with a first draft of the survey on 25 September 2020. Following a first round of comments, the Board designated specific persons among the ESTRO Committees, Councils and Scientific Journal Editors to support the team in fine-tuning the content of the survey in specific focus areas.

Between September and October 2020, the study team collected additional comments from the Board and leveraged feedback from the identified support persons. On the meeting of 21 October 2020, the Board was presented with the first reviewed draft, which included 50 questions for a total expected running time of 25 minutes.

2.2. Second review and finalisation

The second round of review began in November 2020 with the following objectives:

- Reduce the number of questions and the running time of the survey
- Optimise the number of focus areas
- Gather comments and feedback from the Committees

After collecting additional feedback from the Board, the task force ran a second internal review of the survey on the week of 23 – 27 November 2020:

- The number of questions was cut to 45, with a running time of 20 minutes
- The number of focus areas was reduced to 5:
 1. ESTRO Annual Congress
 2. ESTRO Workshops
 3. ESTRO School Courses

4. ESTRO Communication Channels
 5. ESTRO Scientific Journals
- The focus areas were complemented with a set of wrap-up questions to assess respondents' willingness to be more involved in ESTRO's activities

The second survey draft was circulated with the Board and fine-tuned at the Board meeting of 4 December 2020. Finally, to complete the second and final review, the task force ran a feedback round with all ESTRO Committees, who were given three weeks between 15 December 2020 and 7 January 2021 to comment on the questions and put forward edits or additions.

The comments of Committees were compiled in a structured preview and addressed one by one by the study team. Once all the comments had been cleared, the task force submitted to the President a final version of the survey with 43 questions.

The finalised survey officially launched on 8 February 2021, running for a period of one month, i.e., until 8 March 2021. The study team used the platform Survey Monkey to administer the survey.

2.3. Selection of the pool of recipients

The purpose of the survey was to leverage feedback from a large population of recipients, reaching out to members as well as all professionals who have engaged in an ESTRO activity without necessarily committing to a membership. In order to effectively assess the strategy around the value proposition of the Society, it was key to leverage the feedback of multiple segments within the audience of ESTRO activities.

With this in mind, the survey targeted a pool of 13,513 recipients from the ESTRO database. This list was extracted by selecting all users who have participated in an ESTRO event or course, subscribed to a scientific journal or registered to a newsletter in the past 2 years¹.

Two reminders for survey completion were sent on 18 February and 1 March 2021. Upon closing, the survey collected 704 answers in total (5.2% of the total pool), with an average completion rate of 80%.

2.4. Composition of the pool of respondents

Feedback came from a large and diverse group of respondents. A first look at the demographics of the group shows a strong involvement of young professionals:

- 15% of respondents are younger than 34, 60% of which have less than 5 years of experience.
- The largest group of respondents (60%) is aged between 35 and 54, with 51% of them having between 10 and 20 years of experience in their field of specialty

In terms of geographical spread, the vast majority of responses came from the European region, with 546 responses (i.e., 77% of total respondents). Within this group, the most represented

¹ In compliance with the General Data Protection Regulation (GDPR), ESTRO does not treat any personal data of its users for any purpose for longer than 2 years.

countries are The Netherlands, Italy, Belgium, Germany and Spain. Among the other regions, the most represented are the Americas, with Canada being the first non-European country in terms of representation, and the Western Pacific Region. Other groups show a much lower participation, namely South-East Asia, the Eastern Mediterranean Region and the African Region, which together represent less than 5% of respondents². Looking at the country split by average income level, 598 responses came from representatives of high-income countries³. Upper-middle income countries and low-to-middle income countries represent respectively 9 and 4% of total feedback (i.e., 60 and 29 responses).

In the segmentation by Radiation Therapy (RT) medical specialty, radiation oncologists account for 52% of the respondent group, with a particularly strong representation in Europe and the Americas (70% on average). Medical physicists are the second most represented category, accounting for 27% of total respondents. Radiation therapists account for 10% of total respondents and are almost entirely represented at European level. An additional 11% of respondents did not identify with any of the specialties above. The group includes clinical oncologists, radiation safety specialists, dosimetrists, radiographers, surgeons, engineers, but also product managers, exhibitors and trade show organisers. Finally, only 11 radiation biologists took the survey, which does not allow to create a statistically significant sub-group.

Out of the 704 respondents, 84% are ESTRO members and 16% are non-members. 25% of the surveyed poll are currently holding or have held a responsibility position within the Society⁴, 94% of them currently holding a membership of any kind. Whereas the strong majority of members over non-members may lead to think of a selection bias, it is important to keep in mind that this split is largely consistent with the recipient base that was used to carry out this study: out of 13,513, only 2,273 did not have a membership for the past 2 years. During the running time of the survey, the recipient base included 1,848 full members for 2021, 2,712 full members for 2020 and 711 full members for 2019⁵. At aggregated level, respondents falling in both categories represent 5% of their respective recipient base.

2.5. Report structure

Based on the collected responses, the study team compiled this analytical report with the aim to provide a comprehensive account of the aggregated findings, while at the same time performing a segmentation of the data by looking into a set of 5 key variables:

- Membership status (members VS non-members) and level of commitment in the Society

² The geographical split adopted for this study is consistent with the regional distribution adopted by the World Health Organisation (WHO) - <https://www.who.int/countries/#B>

³ For the split by average income, the study team used country classification adopted by the World Bank. The classification calculates the Gross National Income (GNI) per capita using the World Bank Atlas method - <https://datahelpdesk.worldbank.org/knowledgebase/articles/378832-what-is-the-world-bank-atlas-method>

⁴ E.g., committee member, taskforce member, ESTRO school speaker, congress speaker, etc.

⁵ The list included 1,666 full members for 2020 and 2021, whereas recipients registered as full members for 2019, 2020 and 2021 were 215.

- Medical specialty (radiation oncologists, medical physicists, RTT's, radiation biologists, other specialties)
- Age group (18 – 34, 35 – 54, 55+) and years worked in the field of specialty (less than 5 years, between 5 and 10 years, between 10 and 20 years, more than 20 years)
- Geographical spread
- Average national income level

The segmentation is applied across the study, with a specific focus on the ranking matrix questions aimed at assessing behavioural intent. The quantitative analysis of survey responses is complemented by a thorough review of the open-ended comments, which provide an additional qualitative layer to this study.

To ensure a high level of consistency with the survey responses, the report follows the same structure as the questionnaire. Therefore, the findings outlined in this report are compiled by focus area (ESTRO Annual Congress, ESTRO Workshops, ESTRO School courses, ESTRO Communication Channels, ESTRO Scientific Journals). Additionally, Chapter 3 provides a detailed breakdown of the preferential analysis of the different ESTRO activities. Each chapter is complemented by a summary of findings, which highlights the main takeaways identified via the aggregated and segmented analysis.

3. Preferential analysis of ESTRO activities

3.1. Consolidated results

At the beginning of the survey, respondents were asked to rank the ESTRO services from most preferred to least preferred. This helped the study team first gain an understanding of where user perception lies with respect to the different value propositions offered by the Society.

Table 1 - Ranking of preferred ESTRO activities – provides an overview of the weighted ranking of each service based on an ascending-ordered scale from 5 to 1, where 5 represents the least interesting option and 1 the most interesting one.

Table 1 - Ranking of preferred ESTRO activities – Aggregated data

Ranking of preferred activities (most interesting to least interesting)	
Description	Weighted ranking ⁶
ESTRO annual congress	2.04
ESTRO school courses	2.75
Access to scientific journals ⁷	3.03
ESTRO workshops	3.11
ESTRO website content (e.g., newsletter, e-library, etc.)	3.93

The annual congress is by far the most preferred activity, followed by School courses and the Society's scientific journals. ESTRO Workshops rank immediately after in the preference scale, with 40% of respondents declaring that they have never attended one. The lowest-ranking activity is the website content. This is consistent across all respondent groups. The website represents one of the main sources of information and the overall user experience is rather positive. However, those respondents rating a negative experience with the website report most often that they find it challenging to find the information they need (more details available in Chapter 7.2).

3.2. Segmented analysis

To gain more insight into these findings, the preferential ranking has been further broken down by using the variables outlined in Chapter 2.5.

Overall, ESTRO membership does not appear to be a determining differentiator when it comes to preferred activities: compared to members, non-members show lower interest in the ESTRO

⁶ The ranking is based on an ascending-ordered scale from 5 to 1, where 5 represents the least interesting option and 1 the most interesting one

⁷ The full question was: "Access to scientific journals: Radiotherapy and Oncology (The Green Journal), Clinical and Translational Radiation Oncology (ctRO), Physics and Imaging in Radiation Oncology (phiRO), Technical Innovations and Patient Support in Radiation Oncology (tipsRO)"

annual congress, which still ranks first amongst their preferences but with a lower weighted average. Also, non-members seem to be comparatively more interested in educational activities, with School courses scoring a significantly higher weighted average than with members. Finally, the ESTRO Workshops rank slightly higher in the preferences of non-members: compared to the aggregated data, they rank 3rd above scientific journals, but only by a few decimals. A similar trend concerning Workshops can be observed when isolating the most engaged part of the response pool, i.e., members who are occupying or have occupied an active role with the Society: for this subgroup, the importance of Workshops increases slightly and aligns with School courses and scientific journals in terms of importance. As opposed to non-members, this subgroup is extremely interested in the ESTRO annual congress (which ranks much higher than average in their preference scale).

Looking at the different age groups of the respondent pool, the feedback from respondents aged between 18 and 54 is overall consistent with the consolidated data, with the only difference being a slight preference for the ESTRO Workshops over the scientific journals. However, an analysis of the preferences expressed by respondents older than 55 reveals two key changes in the general trend:

1. The weighted ranking of the annual congress is significantly higher for this age group, indicating the high value placed on the event by this age group
2. The ranking of School courses and Workshops drops for older respondents, whereas interest in scientific journals increases significantly. For this age group, scientific journals represent the second preferred ESTRO activity.

When sorting results by medical specialty, we can see that Radiation Oncologists and Radiation Therapy Technologists (RTTs) have a clear preference for the annual congress and School courses and scientific journals. Medical physicists, on the other hand, identify the ESTRO Workshops as their second preferred activity after the annual congress. It should be noted that the segmentation applied in this survey did not allow to isolate the preferences of professionals involved in brachytherapy. Overall, it appears that a significant portion of professionals involved with ESTRO have never been exposed to Workshops as a format.

The data for Europe is largely consistent with the aggregated findings (European users make up the large majority of the respondent pool). However, it is possible to observe a recurrent variation in preferences when looking at other geographical regions: outside Europe, the preference clearly shifts towards the School courses and the scientific journals. This points towards a stronger preference for education and scientific dissemination, especially in the South-East Asia region, which conversely does not attach much importance to the annual congress. This trend also becomes evident when looking at the national income level, with low-to-middle income countries showing a stronger interest in educational and scientific activities (e.g., School courses, scientific journals and workshops) than in the annual congress.

4. ESTRO Annual Congress

4.1. Attendance: expectations and barriers

The annual congress is the preferred ESTRO activity in the aggregated data as well as across multiple levels of segmentation. It is the most anticipated ESTRO event, with 60% of respondents attending either every year or every other year. ESTRO members, and more specifically members with a responsibility position within the Society, make up the vast majority of every-year attendants.

The segmentation by medical specialty does not bring any additional insight into the data, except that medical physicist are 10% more likely to attend the annual congress every year than radiation oncologists. Conversely, a demographic analysis reveals significantly diverging trends among age groups: whereas professionals aged over 35 are likely to attend the congress regularly, a staggering 37% of young professionals (aged between 18 and 34) declared never having attended a single edition of the congress, while 20% of them only attended once. Lack of budget is among the chief reasons preventing them from attending more often or attending at all⁸.

Overall, 78% of respondents would like to attend the congress more often, but budget constraints and shift rotation in the clinic represent key barriers in doing so. This is particularly relevant for non-European respondents, whose primary barrier is linked to travel arrangements. Also, for 16% of respondents, attendance to the congress is directly linked to the acceptance of their abstracts.

In the open comments, some respondents mentioned that they try to alternate between multiple scientific events, which prevents them from participating more regularly.

Table 2 provides an aggregated overview of the main barriers preventing people from attending the congress on a yearly basis.

Table 2 - Congress attendance - Key barriers

Answer choice	Frequency % (of total respondents)
I don't have the budget to attend every year	50%
Colleagues take turns to attend scientific events	44%
I try to alternate between different scientific meetings	31%
I don't have the time to attend every year	21%
I am only allowed to attend if I submit an abstract	16%

⁸ The frequency of this answer choice within the subgroup of young professionals varies slightly by applying additional segmentation levels. For instance, while for young people from Northern Europe lack of budget is still a significant barrier, it is much more so for young respondents from low-to-middle income or upper-middle income areas. Still, when looking at macro trends, lack of budget appears as a key constraint regardless of country of work and revenue level.

I am not interested in attending every year, as the topics discussed are unlikely to change much	9%
Total respondents	369

While approximately 30% of congress participants pay for their own fee, for 53% of them attendance is fully or partially sponsored by their institution⁹. Sponsoring by third parties does not appear to be a common trend, as only 13% of the audience mentioned this option.

ESTRO members represent the cluster showing the highest proportion of respondents paying for their own participation fee in the congress (although a majority of them still receive institutional sponsorship). Members who are engaged in the Society are more likely than others to receive financing for their participation. The majority non-members attend the congress via a sponsoring scheme: in 54% of cases, the participation of non-members to the Annual congress is partially or completely covered by their own institution. An additional 16% of them receive third-party sponsorship. Only 18% of respondents from this subgroup cover for their own registration fee.

Among medical specialties, radiation oncologists represent the subgroup where respondents are more likely to pay for their own participation fee (40% of all radiation oncologists). Medical Physicists and RTTs, on the other hand, receive institutional sponsorship (either full or partial) in almost 70% of cases.

Institutional sponsorship appears to be far more common inside the European region, whereas participants from outside Europe are much more likely to cover for their own participation fee. This is particularly true for countries such as the USA and Canada, as well as for several countries in the South-East Asia region. A similar trend is confirmed when adopting segmenting the pool by average income level: respondents from low-to-middle income and upper-middle income economies show a stronger tendency to cover for their own participation fee in the ESTRO congress (55% average, against 30% at the aggregated level).

4.2. Main drivers to attending the ESTRO Annual Congress

At the aggregated level, the dissemination of new scientific content ranks by far as the main driver to attend the ESTRO Annual congress. Networking and building new relations with colleagues rank as the second reason to attend the congress, immediately followed by access to continued education opportunities and sharing research results with peers. Table 3 – Preferred aspects of attending the ESTRO Annual Congress – presents a visual breakdown of preferences.

Table 3 – Preferred aspects of attending the ESTRO Annual Congress – Aggregated data

Ranking of preferred aspects (most preferred to least preferred)

⁹ 36% are entirely funded by their institution, including travel and accommodation, while 17% only receive sponsoring to cover their participation fee and must cover their travel and accommodation on their own.

Option Description		Weighted ranking ¹⁰
C	I can stay up to date with the new scientific developments in my specialty	2.01
D	I can expand my network, create new relations with colleagues and consolidate my professional connections	3.15
B	I can access continued education opportunities (needed for re-accreditation)	3.8
A	I can present my research to the community	3.89
F	I can access a large technical exhibition, as well as industry-led initiatives such as symposia and product unveilings	4.51
E	I can engage in parallel activities, such as task forces and working groups	4.87
G	I can relax, travel and interact with colleagues from all over the world	5.11

The first segmentation applied to this preferential analysis was by age group. Whereas answers of the group aged between 35 and 54, which is by far the largest in the pool of respondents, is largely consistent with the data presented above, some key variations can be identified in the other age groups:

- For the age group 18 – 34, staying up to date with new scientific content appears to be even more important than for other groups. While this aspect consistently ranks first across all age groups, it does so with a much higher score for the younger cohort¹¹. Respondents from this group also appear to have a stronger preference for presenting the result of their research (“A” ranks 3rd in their preference list). Conversely, participation in parallel activities is of less interest for the younger respondents. Overall, this group shows comparatively very little interest in the technical exhibition: whereas “F” ranks 5th in the aggregated data, it ranks last in the preferences of the 18 – 34 age group.
- The 55+ age group also shows a higher-than-average interest level in keeping up to date with the latest scientific content (1.93). Although the results for this group are largely consistent with the aggregated data, it appears that older professionals show

¹⁰ Respondents were asked to rank answer options giving them a score from 1 to 7, where 1 = most preferred aspect; 7 = least preferred aspect. Therefore, the closer the weighted ranking is to 1, the stronger the preference assigned to the considered answer choice.

¹¹ While the average score for “C” is 2.01 in the aggregated data, it reaches 1.79 for the 18 – 34 group.

slightly less interest for networking opportunities. Conversely, they make up the age group with the highest interest for the technical exhibition.

When looking at the different medical specialties, the preferences of radiation oncologists are largely aligned with the aggregated findings. This is the professional category that shows greater interest in presenting their research to the larger community. Medical physicists, on the other hand, show significant variations with regard to access to continued education: whereas this aspect consistently ranks 3rd across all medical specialties, with an average score of 3.4, it ranks 5th in the preferences of medical physicists, with a score of 4.28. Additionally, compared to radiation oncologists, medical physicists and RTTs appear to be more interested in the technical exhibition.

Table 4 – Preferred aspects of attending the ESTRO Annual Congress – Split by medical specialty

Ranking of preferred aspect by medical specialty ¹²						
	Radiation Oncologists		Medical Physicists		RTTs	
	Weighted score	Ranking	Weighted score	Ranking	Weighted score	Ranking
A	3.53	4 th	3.94	3 rd	4.24	4 th
B	3.37	3 rd	4.28	5 th	3.52	3 rd
C	1.92	1 st	1.99	1 st	2.28	1 st
D	3.26	2 nd	3.09	2 nd	3.29	2 nd
E	4.90	6 th	4.85	6 th	4.74	6 th
F	4.76	5 th	4.10	4 th	4.25	5 th
G	4.96	7 th	5.48	7 th	5.11	7 th

Responses from the European and Americas regions do not show any statistically significant variation, with the only exception of a reduced interest for parallel activities (e.g., task forces, working groups) by professionals from the Americas region. Professionals from the Western Pacific region attach far greater importance into continued education and presenting their research than they do to networking, so much so that the latter falls to the 4th position in their ranking (whereas it consistently ranks 2nd in the other segmentations). Much like their counterparts from Americas, respondents from this region attach little to no importance in participating in parallel activities. Respondents from South-East Asia also show little interest in expanding their network. However, what strikes the most in this group is their very high interest in continued education opportunities, which ranks 1st in their list of preferences (it is the only instance where “C – Staying up to date with new scientific developments” is outranked by any other element).

The split by average income level confirms the trends highlighted above, with low-to-middle income and upper-middle income countries showing a higher interest level in continued education than their high-income counterparts. Respondents from low-to-middle income countries are far

¹² Option descriptions can be found in Table 3.

more interested than average in presenting the results of their research. This trend does not apply to respondents from upper-middle income countries, who conversely show higher interest than average in the technical exhibition.

In general, non-members tend to show a higher interest in the technical exhibition, whereas presenting research results and engaging in parallel activities rank low in their list of preferences.

4.3. Preferred format for the ESTRO Annual Congress

Traditionally, ESTRO annual congresses have only taken place as onsite events, with the only notable exception of ESTRO 2020, which was fully organised online. The general feedback of the ESTRO Community clearly points towards the need to return to face-to-face meetings with live interaction. However, the events of 2020 could serve as a chance to prompt a reflection on how to adjust the Society's value propositions to overwhelming challenges such as a global pandemic. The study team took a first step in that direction by performing a careful assessment of the different advantages and disadvantages of the online environment, with a view to understand how to better integrate the strengths of the digital format into future events.

One of the main advantages linked to the online environment is certainly the increased flexibility it allows for; many respondents welcomed the possibility to attend multiple scientific events between 2020 and 2021, even overlapping ones. However, a recurring remark made by respondents in the open comment section is that the flexibility provided by the online environment is highly dependent on the possibility to access recorded content. Many respondents identified this as an important factor when deciding to attend an online event, citing its impact on the organisation of their schedule. Access to recorded content was mentioned in several comments made by respondents attending from different time zones and from professionals with reduced English proficiency (for whom recordings allow to take the time they need to listen to the presentations).

Aside from the increased flexibility and the higher number of available events, the aggregated data shows that the main advantage of online events is financial, in which the main source of savings being the absence of travel and accommodation costs. As shown in Chapter 4.1, almost 33% of respondents cover their own participation in the congress. An additional 25% can only count on a partial sponsorship from their institution or from third parties, which usually leaves out travel and accommodation expenses.

No statistically relevant variations could be identified when isolating respondent sub-groups by age, geographical area or income level: cost benefits emerge as the key driver to attend an online event across all segmentations. Compared to other age groups, younger respondents seem to be slightly less concerned about spending time away from home (44% against 53% in respondents older than 35), although this choice still ranks high among their drivers to attend an online event.

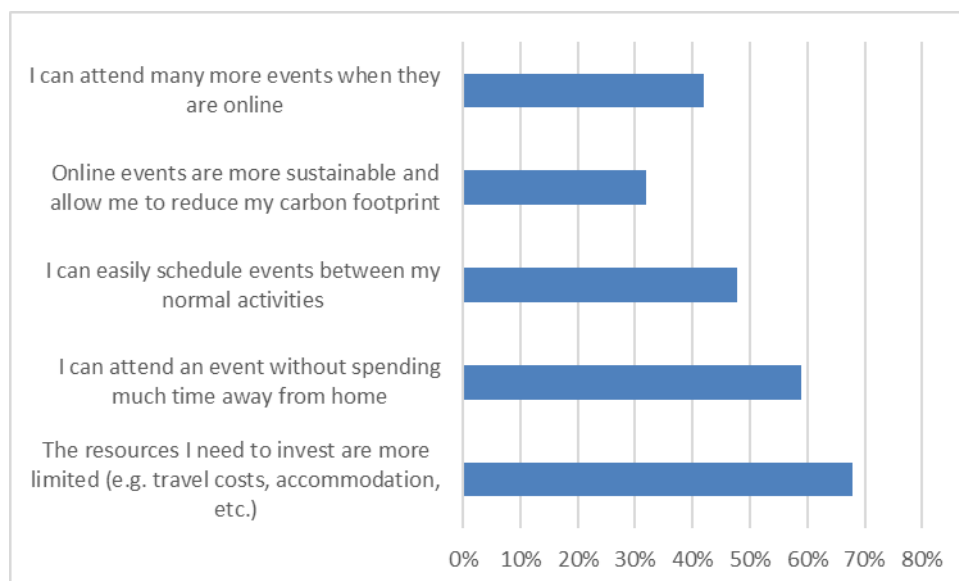


Figure 1 – Main advantages of attending an online event - Aggregated data

As for the disadvantages, the aggregated data included in Figure 2 also appears consistent with the choices of specific respondent groups, irrespective of the applied segmentation. When asked about the advantages of the online environment, respondents gave somewhat more evenly distributed answers. With disadvantages, two choices clearly emerge as the main drawbacks: lack of networking and loss of personal contact.

A purely online format is largely considered incompatible with one of the key value propositions of a scientific congress, i.e., the interaction with colleagues that feeds the sense of belonging to the ESTRO Community. Also, the open comments made by respondent show that many of them found considerably harder maintain concentration for long periods of time when attending an event remotely.

Many respondents from outside Europe mentioned the time zone difference as a strong deterrent for those wishing to attend the livestreamed presentation and interact with the speakers.

Whereas cost savings feature as the main advantage in attending online events, many respondents pointed out that their institutions are less likely to support their participation in online events, both in terms of sponsorship and time off. This again results in a loss of focus, as the absence of a dedicated time to focus exclusively on the event forces participants to fit it into their daily schedule.

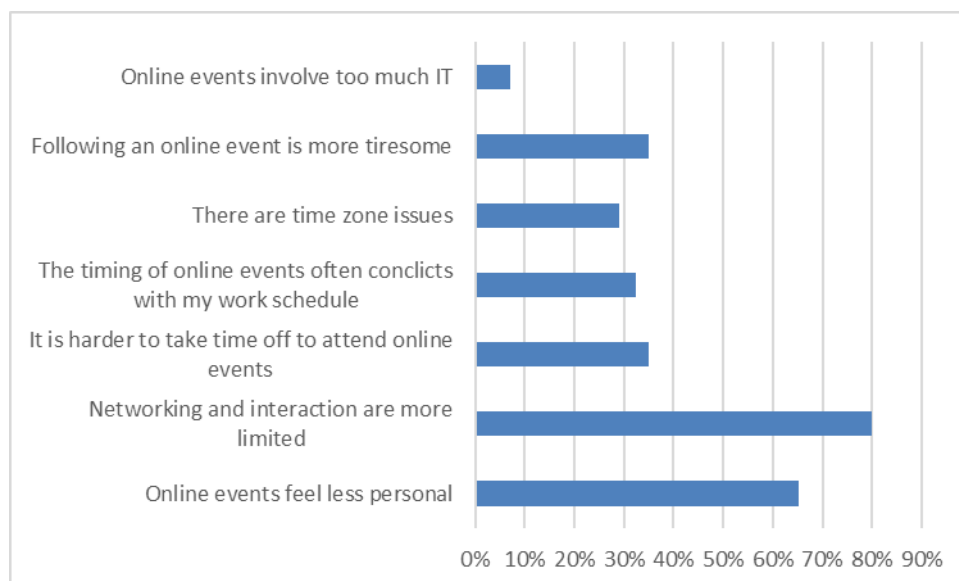


Figure 2 – Main disadvantages of attending an online event - Aggregated data

After a first assessment of the advantages and disadvantages of the online format, respondents were asked if they would be willing to attend the ESTRO annual congress if it were held in a different medium other than an onsite event. At aggregated level, 40% declared they would not be interested in attending. A deeper analysis of this poll reveals that, out of the 200 respondents who attend the congress every year, 25% would not ensure their participation. This proportion increases to 50% when expanding the scope to respondents who attend every other year.

Overall, the tendency to answer “no” increases with the age group: whereas, in the 18-34 group, the ratio of respondents who would be unwilling to attend an ESTRO congress in another format than onsite is approximately 22%, it reaches 36% in older age groups. The same trend can be confirmed via a segmentation based on years of experience (with a 27% “no” rate in professionals with 0-10 years of experience, increasing to 34% in professionals with 10-20 years of experience, and finally to 38% in professionals with 20+ years of experience).

While, overall, no statistically significant trends were identified among the different sub-groups of respondents, a slight variation in the willingness to regularly attend the congress in a different medium than onsite can be observed when looking at the main medical specialties involved in this study. While only 26% of RTTs would not ensure commitment in an online congress, this percentage increases to 31% for radiation oncologists and 38% for medical physicists.

In the final part of the congress focus area, respondents were asked to vote for their preferred format for the congress once the COVID-19 restrictions are lifted. About 50% of total respondents expressed their preference for an onsite congress with livestreaming¹³, whereas 25% thought that a blended format¹⁴ could be more appropriate for future events. Overall, the aggregated data show

¹³ An onsite congress with the possibility to attend online.

¹⁴ A congress with two separate segments: one virtual and the other in-person and live-streamed.

a strong preference for onsite participation, whereas the fully online format ranks last at the aggregated level, barely reaching 9% of total preferences.

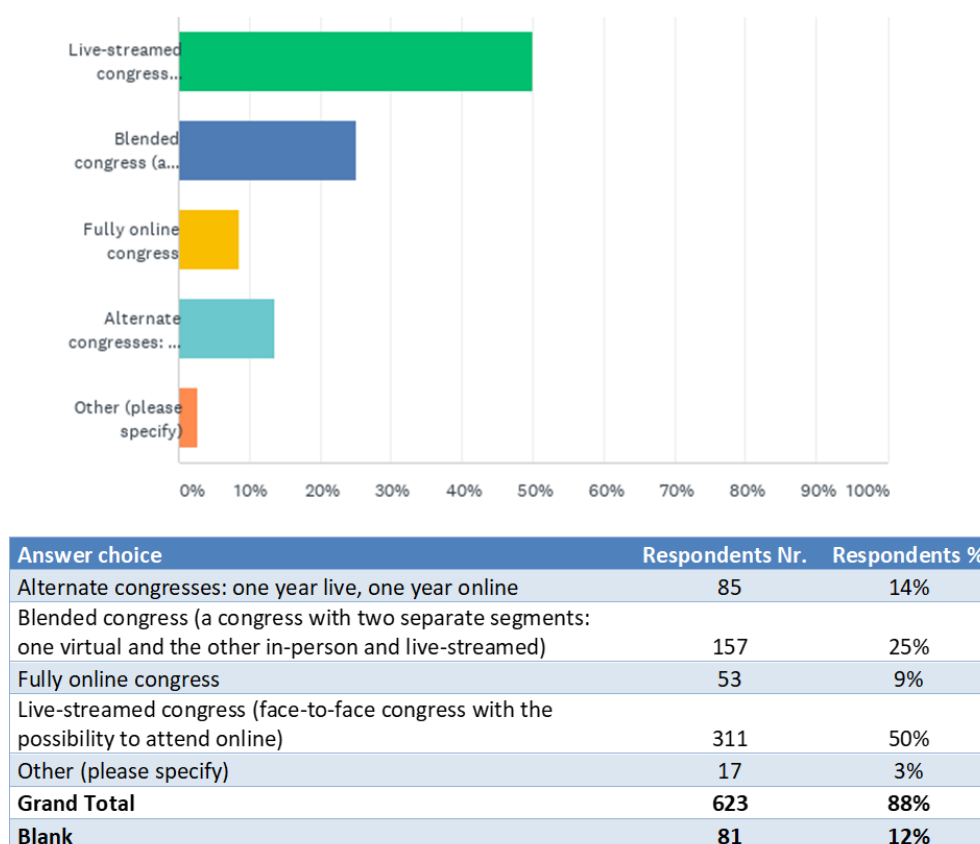


Figure 3 – Preferred format for the ESTRO Annual Congress post-COVID - Aggregated data

Compared to members, non-members show a slightly higher interest in the online format, which collects 12% of preferences (against the aggregated average of 9%). Also, non-members appear to be more open to the option of a blended congress. Members who are engaged in the Society show the opposite trend, with a stronger preference than average in a live-streamed congress. No other significant variations could be identified for this subgroup.

On average, the blended format is more popular among all non-European respondents:

- For respondents from the Western Pacific Region, the option of a blended congress ranks as high the onsite one
- In South-East Asia, the blended format rises to 40% of preferences and becomes the preferred option

Looking at average income level, respondents from low-to-middle income economies tend to show a stronger preference for a fully online congress¹⁵. Respondents from upper-middle income

¹⁵For respondents from low-to-middle income economies, the fully online format is the 2nd preferred option after the onsite format, with 26% of preferences against 9% in the aggregated data.

economies, on the other hand, show a stronger interest in the blended format¹⁶ and are more open than average to the idea of having alternate congresses. The preference level of this group for a purely online congress drops considerably compared to the previous one and falls back in line with the general trend highlighted in the aggregated data.

The online format also scores consistently low across all age groups, with younger respondents (18-34) showing the strongest interest for a live-streamed event.

While the segmentation by medical specialty failed to produce statistically significant trends, some slight variations can still be identified: radiation oncologists seem to be comparatively more open to the option of a blended congress, while medical physicists show a stronger preference for the live-streamed format. This is consistent with the previous findings, which show a lower willingness of this professional category to commit to a congress format different than onsite. RTTs are the sub-group with the highest preference for the live-streamed congress, while also showing the highest level of flexibility in adapting to other formats.

Table 5 - ESTRO Annual Congress – Summary of findings

ESTRO annual congress – Summary of findings	
Attendance: expectations and barriers	<ul style="list-style-type: none"> • Professionals aged over 35 are likely to attend the congress either every year or every other year, while 37% of young professionals (aged between 18 and 34) declared never having attended a single edition of the congress. An additional 20% of them only attended once. • Budget constraints and shift rotation at the clinic were the two main barriers to attend the congress. For non-European respondent these two barriers were even more relevant. • Sponsoring of congress participation was fully or partially covered by own institution for around half of the participants. 30% of participants pay for their own fee. • Compared to other medical specialties, almost half of radiation oncologists pay for their own participation fee.
Main drivers to attend the ESTRO Annual Congress	<ul style="list-style-type: none"> • Dissemination of new scientific content ranks as the main driver to attend the ESTRO annual congress, followed by networking and education opportunities. • The segmented analysis shows that staying up to date with new scientific content is particularly important for the age-group 18 – 34, for professionals from Americas and South-East Asia and for low-to-middle income and upper-middle income countries.

¹⁶ For this sub-group the blended format is the most preferred option, with 37% of preferences (i.e., 12% more than the aggregated level).

<p>Preferred format for the ESTRO Annual Congress</p>	<ul style="list-style-type: none"> • The general feedback of the ESTRO Community points towards the need to return to face-to-face meetings with live interaction, with the possibility to attend online. For the online component, a strong retainer is the possibility to access recorded content on demand. • 25% of respondents who usually attend the congress every year would not ensure their participation if it were held in a different medium other than an onsite event. • The main advantage of online events is financial, while lack of networking and loss of personal contact emerge as the main disadvantages of the online environment
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5. ESTRO Workshops

5.1. Attendance trends in ESTRO Workshops

The findings highlighted in this focus area build upon a more restricted pool of data. As mentioned in Chapter 3.1, 49% of respondents (347 out of 610, with 94 blank answers) never attended an ESTRO workshop. This percentage is consistent irrespective of membership status or commitment in ESTRO activities. Proportionally, the surveyed poll shows lower attendance levels among young professionals, with 65% of respondents aged between 18 and 34 reports having never participated in an ESTRO Workshop of any kind. This finding should be considered carefully, as it may be inconsistent historical trends. In this sense, a comparison with other ESTRO official data sources would be advisable. This trend is slightly less apparent among radiation oncologists and medical physicists (the proportion for these professions are 59% and 56% respectively, against the 65% average). Participation trends are fundamentally consistent within and outside Europe, with the Western Pacific Region showing the lowest attendance among all non-European sub-groups.

Participation is strongly focused on the Physics and GEC-ESTRO Workshops, which have reached their 4th and 8th edition respectively¹⁷. While European respondents make up the largest part of participants in the Physics Workshop and RTT Workshops, the GEC-ESTRO Workshop appears to be proportionally more popular among non-European respondents.

ESTRO Workshops are predominantly attended by the members of the medical specialty they are targeting. There is, however, a small percentage of radiation oncologists (15% of total respondents), who have also attended Workshops targeting other medical specialties (Physics Workshop and RTT Workshop). A segment of similar proportions (11% of total respondents) can be identified among medical physicists. The same trend was not identified in RTTs, but the lower number of people included in this sub-group and the fact that the RTT Workshop has been established just recently are factors to take into account when analysing the data.

Much like with the annual congress, 34% of workshop participants pay for their own fee, while 54% of them have their participation fully or partially sponsored by their own institution¹⁸. Again, third-party sponsorships do not appear to be particularly common, with only 13% of total respondents declaring being either completely or partially sponsored by institutions other than their own. Compared to members, non-members are much more likely to attend via sponsoring: 59% of them are sponsored by their own institution and an additional 20% declared receiving third-party sponsorship. Conversely, the percentage of registrants who cover for their own fee in this group drops significantly (21% against an average of 34%).

Compared to other medical specialties, almost half of radiation oncologists declared paying for their own participation fee in ESTRO workshops¹⁹. On the other hand, institutional sponsoring

¹⁷ Less data is available for RTT workshop, which only took place once, in Budapest in 2019.

¹⁸ 37% are entirely funded by their institution, including travel and accommodation, while 17% only receive sponsoring to cover their participation fee and must cover their travel and accommodation on their own.

¹⁹ 50% of radiation oncologists pay for their own participation fee in ESTRO workshops, against 14% for medical physicists and 21% for RTTs.

seems to be much more common among RTTs and medical physicists (70% of respondents from both categories said their participation fee is sponsored either fully or partially by their own institution). Respondents from other medical specialties are even less likely to pay for their own fee, with 80% of respondents declaring being sponsored by their own institution or a third party.

Respondents from outside Europe are much more likely to cover for their own participation fee, with proportions going as high as 50% in the Americas region (specifically in the USA and Canada) and 56% in South-East Asia. Conversely, in these regions, the percentage of people benefiting from institutional sponsorship is lower (22% in America and 20% in South-East Asia, compared to a European average of 54%).

Overall, institutional sponsorship is much more common in high-income countries than elsewhere. Both in low-to-middle income and upper-middle income economies, the rate of respondents declaring paying for their own participation in an ESTRO workshop increases to 55%. While in low-to-middle income countries the average of people receiving full institutional sponsorship drops significantly (15% against the 37% average), it plummets to 2% when focussing exclusively on upper-middle income countries. Also, in this specific sub-group, third-party sponsorship for ESTRO workshops appears to be far more common than elsewhere²⁰.

5.2. Main drivers to attending ESTRO Workshops

The trends concerning the most appreciated aspects around ESTRO workshops are largely consistent with the annual congress: scientific dissemination and nurturing one's professional network feature high among respondents' preferences, irrespective of demographics or specialty-related variables.

However, the distinctive feature that emerges from the preferential analysis is that there is a strong appreciation for the ESTRO workshops as dedicated scientific events: the concept of a field-specific event with a smaller format seems to be met with a very positive response. This is a key differentiator in the value proposition of this specific activity. While this trend largely reflects respondents' preference for events targeting their own community within ESTRO, the data highlighted in Chapter 5.1 also sheds light on specific niches who show interest in scientific events targeting specialties other than their own.

Table 6 provides a breakdown of preferences at the aggregated level.

Table 6 – Preferred aspects of attending an ESTRO Workshop – Aggregated data

Answer choice	Frequency %
Discussing a topic of interest with international colleagues and nurturing my professional connections	84%

²⁰ 34% of respondents from this group declared being fully or partially supported by a third-party institution, whereas the average in the aggregated data does not reach 15%.

Being involved in cross-national projects (e.g., working groups, tenders, scientific papers)	40%
Broadening my approach and getting to know opinion leaders in my field of interest	51%
I like the context of a dedicated workshop (smaller meetings, more interaction, field-specific community)	67%
Having direct contact with developers from the industry	18%

The segmented analysis did not reveal statistically significant trends in the sub-groups considered for this study. In particular, the data is highly consistent with the aggregated level when applying independent variables such as age, membership, average national income level or geographical region. The only finding with any statistical relevance is that respondents from South-East Asia appear to have a stronger preference than average for the context of a dedicated event gathering a field-specific community. Looking at the specific medical specialties, medical physicists seem to attach more importance than their counterparts to the opportunities for cross-national projects provided by the ESTRO workshops.

5.3. Preferred format for ESTRO Workshops

Compared to the annual congress, respondents appear to be far more flexible as to the format of the workshops. While the aggregated level still shows a strong preference for onsite events, almost 77% of respondents declared they would consider attending a partly online workshop in 2021. Among all medical specialties, medical physicists are the sub-group that shows less enthusiasm towards the online format. This is especially true for older professionals, while respondents aged between 18 and 34 are far more available to attend online workshops²¹. The same goes for respondents from outside Europe, for which international travel arrangements still represent a significant barrier.

When asked about which format they would prefer for an ESTRO workshop at the end of the COVID-19 pandemic, a clear majority of respondents opted for either a traditional onsite event or a live-streamed one, the latter being particularly popular among people from outside Europe. However, the open comments show that a concern associated to the live-streamed format is that encouraging online registrations at a reduced fee may come at the expense of onsite participation.

The option of fully online workshops ranks at the bottom of respondents' preferences regardless of the segmentation applied, which reinforces the theory that an onsite component is generally perceived as key in ESTRO events. The strongest bias in favour of a traditional onsite event can be registered among medical physicists, whereas RTTs show a comparatively higher interest for the

²¹ 86% of them declared they would consider attending a partly digital workshop in 2021 against an average of 77%

concept of a blended workshop, i.e., a workshop with an online keynote followed by face-to-face session.

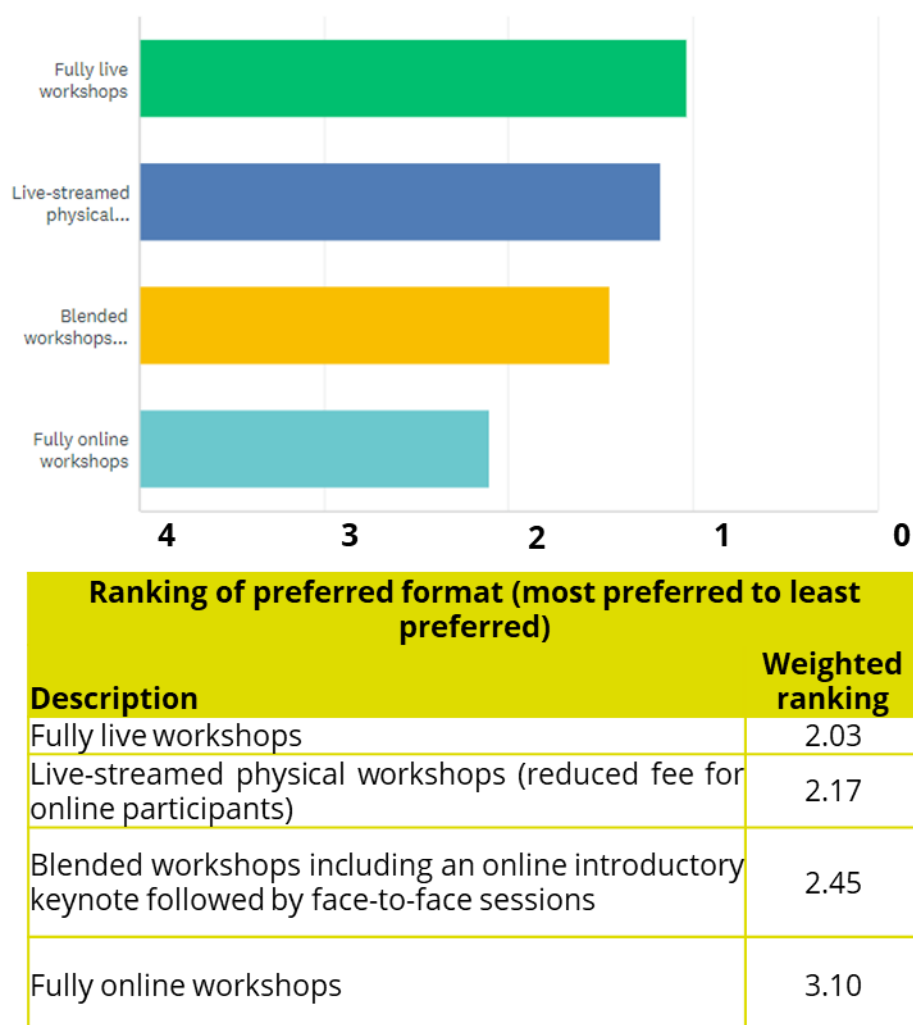


Figure 4 - Preferred format for the ESTRO Workshops post-COVID - Aggregated data

As for additional types of workshops that ESTRO should organise, participants' answers indicate a clear preference for more workshops for clinicians and radiobiologists. The idea of a Radiobiology workshop strongly requested at aggregated level (second most preferred option after the Clinical workshop, with 30% of preferences²²). While over 70% of radiobiologists ask for it, it is also in very high demand among medical physicists (33%) and more moderately so among radiation oncologists (22%). RTTs, on the other hand, are clearly in favour of other editions of the RTT workshop (62% of all RTTs, 51% of total demand).

²² 171 preferences in total (25% of the total pool).

Table 7 - ESTRO Workshops - Summary of findings

ESTRO Workshops – Summary of findings	
Attendance trends in ESTRO Workshops	<ul style="list-style-type: none"> • 56% of respondents never attended an ESTRO workshop. • ESTRO workshops are predominantly attended by the members of the specialty they are targeting. • Half of all workshop participants have their participation fully or partially sponsored by their own institution, whereas around a third of them pay for their own participation fee. • Compared to other medical specialties, almost half of radiation oncologists pay for their own participation fee.
Main drivers to attending ESTRO Workshops	<ul style="list-style-type: none"> • Scientific dissemination and nurturing one's professional network figure as the main drivers to attend ESTRO workshops. This trend is consistent with the congress. • Data show a strong appreciation for the ESTRO workshops as dedicated scientific events. • Looking at specific medical specialties, medical physicists seem to attach more importance than their counterparts to the opportunities for cross-national projects brought by the ESTRO workshops
Preferred format for ESTRO Workshops	<ul style="list-style-type: none"> • Even if the aggregated level still shows a strong preference for onsite events, respondents appear to be far more flexible as to the format of the workshops. • Medical physicists are the sub-group that shows less enthusiasm towards the online format. This is especially true for older professionals. • Respondents aged between 18 and 34 are more available to attend online workshops. The same goes for respondents from outside Europe. • A traditional onsite event would be the preferred format at the end of the pandemic. A live-streamed format also ranks very high among the preferences, but comments show the recurring concern that encouraging online registrations at a reduced fee may come at the expense of onsite participation.

6. ESTRO School Courses

6.1. Attendance trends in ESTRO School courses

The pool of respondents for this focus area is comparable to the one considered for the ESTRO workshops, with a total of 359 respondents who have attended an ESTRO School course in the last 3 years.

Attendance in the ESTRO School courses appears to be largely dominated by European participants, who make up 83% of the surveyed poll. Within the surveyed poll, participants from outside Europe represent 14% of the group, with no proportional difference between live and online courses. This data is inconsistent with the 2020 annual report, which shows that participants non-European professionals made up 30% of the total number of participants in School courses²³.

The age group that is more likely to attend ESTRO courses is made up by professionals between 35 and 54. This group represents 62% of total participants. While professionals aged between 18 and 34 represent the smallest portion of course participants (14%), they are also the group that shows the highest adaptability to changes in course format: the percentage of young professionals attending online courses increases by 10% compared to live courses, going from 12% to 22%. This is all the more relevant considering that, by the time this group was surveyed, online courses were still a relatively new entry in the ESTRO School's portfolio. Conversely, professionals aged more than 55, who represent 23% of the surveyed pool, show the opposite response to the online format, with a drop of about 5% in registrations.

The findings on registration fees are largely aligned with the annual congress and the workshops. About 33% of ESTRO School courses participants pay for their own fee, whereas 55% of them can count on total or partial institutional sponsorship. Third-party sponsorship remains rather uncommon. The largest part of non-members attends the School courses via sponsoring: 64% of non-members are sponsored by their own institution and 16% receive third-party sponsorship. Members show a stronger tendency to cover for their participation on their own.

The segmentation by medical specialty and geographical region does not reveal any significant deviations from Chapters 4.1 and 5.1: radiation oncologists are far more likely to cover their own participation in School courses²⁴, whereas over 70% of medical physicists and RTTs attend via institutional sponsorship. Compared to the Europe region, which accounts for the vast majority of collected responses, non-European respondents are far less likely to benefit from an institutional sponsorship (30% below European average). As for average income level, cases of self-funded participation are substantially more common in low-to-middle and upper-middle income economies, where they reach an average of 58% (61% for low-to-middle income economies and 54% for upper-middle income economies). Both groups display lower rates of institutional

²³ 347 out of 1,108 participants in 2020 (2% more than in 2019).

²⁴ 50% of radiation oncologists pay for their own participation fee in ESTRO School courses, against 14% for medical physicists and 20% for RTTs.

sponsorship, with upper-middle income economies confirming the trend of more widespread third-party sponsorship schemes.

6.2. Preferential analysis of course types and formats

The preferential analysis shows once again a clear preference for onsite (live) courses, which obtain a far better weighted ranking than other formats. This data remains consistent across all the applied segmentation levels. Much like with the workshops, respondents show greater flexibility for the blended concept, alternating days of onsite teaching with a certain number of online activities. Alternating course formats every other year also appears to be a viable option for School courses. Although it ranks substantially lower than the blended format, it is still better perceived as an option than for events such as the annual congress (see Figure 3).

Overall, while preferences regarding the congress clearly point to the onsite format, the surveyed pool shows greater availability to explore different concepts when it comes to smaller and more targeted events such as School courses.

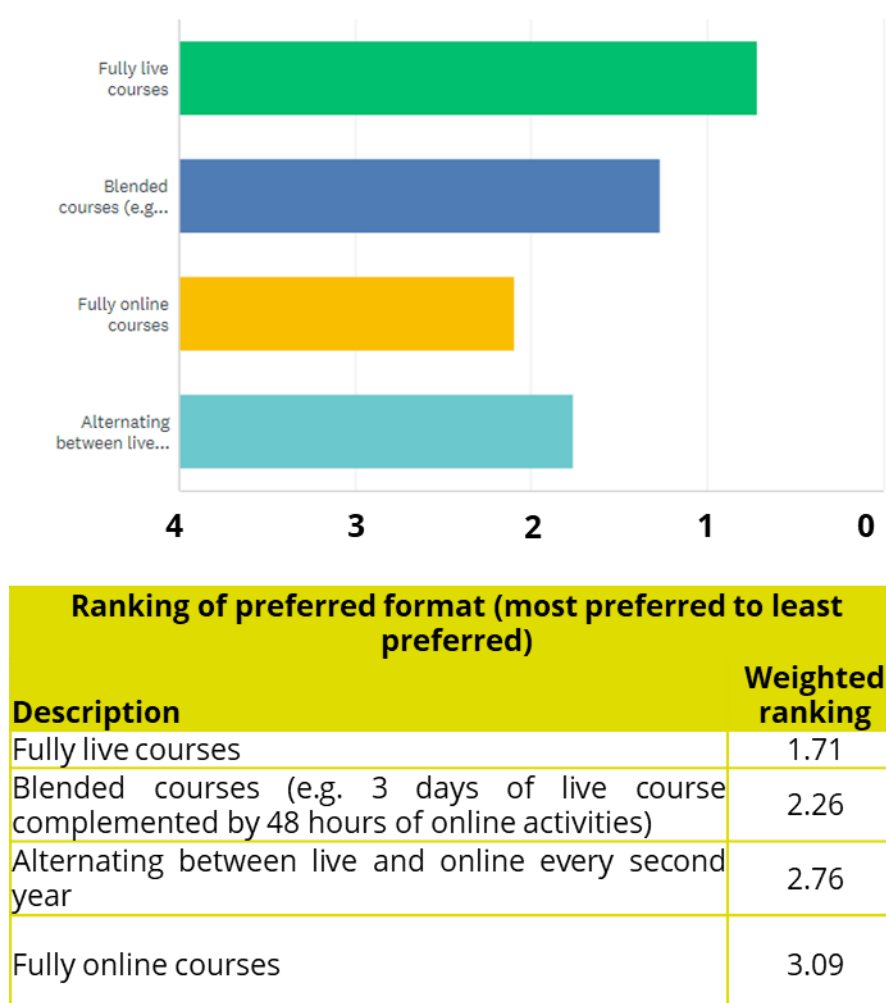


Figure 5 – Ranking of preferred course types - Aggregated data

Overall, the segmented analysis shows strong consistency with the aggregated data, but it is possible to identify recurring trends that already emerged in the previous chapters. ESTRO members show a stronger preference for the onsite format (fully live courses), even more so if they are actively engaged in the Society.

When looking at medical specialties, medical physicists appear once again to be the group with the strongest preference for fully onsite events, as well as the one that is the least open to other formats, be it blended or fully online. Other medical specialties also show a strong preference for onsite courses but are on average more open to explore different concepts: while radiation oncologists seem to be slightly less reluctant towards the fully online format than the other medical specialties, RTTs are comparatively more open to trying blended courses.

Just like for the annual congress and workshops, the segmentation by age shows that preferences among younger respondents tend to be less polarized than in other age groups, with the onsite format ranking slightly lower while remaining steadily in the first place and the fully online ranking somehow better than average. Participants aged 35+ show a much stronger preference for onsite courses, with older professionals (aged 55+) being more open than average to the idea of alternating course formats every second year.

The online format scores substantially better among non-European respondents, especially in Americas and South-East Asia. The Western Pacific region is more aligned with the aggregated data but shows a strong preference for alternating courses. Looking at income level, the online format ranks particularly well in lower income economies. In low-to-middle income countries, it ranks second among the preferred options, a few decimals behind fully live courses.

Overall, the preferential analysis of School courses reveals the same trend that was highlighted in Chapters 4.3 and 5.3. Although certain categories are generally more open to trying different concepts and formats, maintaining an onsite component seems key in order to ensure the long-term success of ESTRO events, regardless of target audience and size.

Regarding alternative formats for School courses, the surveyed poll was also asked to express their preferences as to the ideal duration of an online or blended course. Over the 6-month period during which the School implemented online courses, several approaches have been explored to accommodate the preference and availabilities of course faculties. While some courses did not change their structure when going online (i.e., full day of lectures for 3 to 5 days), others opted for longer formats, lasting one or more months with weekly or bi-weekly lectures. Other courses maintained a shorter timeframe, reducing the overall length of single lectures while concentrating them in a few days. For all these options, the feedback of course participants provided a clear view of the main advantages and disadvantages but did not allow to isolate a clear preference. Therefore, the study team opted for a direct question, disconnected from a specific course.

At the aggregated level, respondents are evenly spread across two main response options: 44% prefer having a few lectures a week, with the course lasting for multiple weeks, whereas 42% would like lectures to be as close as possible to one another.

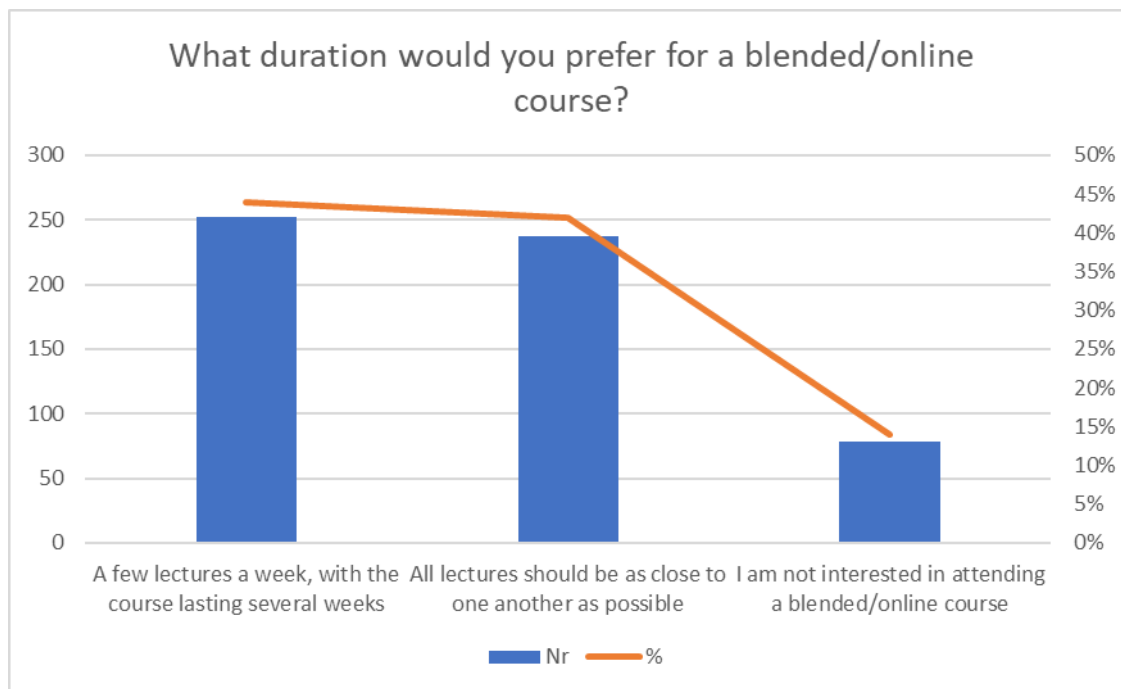


Figure 6 – Preferred duration for blended/online formats – Aggregated data

Overall, younger respondents appear to be far more interested than average in courses stretching over several weeks, with fixed weekly or bi-weekly appointments. The open comments confirm that, in many cases, it is easier to plan for these educational commitments when the lectures are spread out and organised in well-defined time frameworks. Conversely, very condensed courses can be problematic for professionals who cannot take leave for multiple consecutive days. This is often the case of younger doctors in training, who are more likely to be involved in operational tasks requiring their presence at the clinic. Young RTTs in particular seem to respond exceptionally well to the idea of spreading out courses with fixed appointments during the week.

6.3. Course formats and School curriculum

Although onsite clearly emerge as the preferred format for nearly any ESTRO event, with the School courses making no exception, response patterns change substantially when the scope of the consultation is broadened to the whole of the ESTRO School curriculum. When asked about how they thought the School should organise its courses in a time of limited resources, 60% of total respondents opted for the option of a large curriculum, including a full range of formats going from fully onsite to fully online courses. Only 20% of total respondents chose to keep a smaller curriculum, with only onsite courses²⁵. In order to keep a strong connection to ESTRO's multidisciplinary community, the importance of a wide spectrum of educational content has been recognised by a large majority of respondents, regardless of their preferred course format. Additional recommendations made in the open comments section include identifying the courses within the curriculum that can adapt more easily to a fully online environment and adopting a

²⁵ This question was answered by 562 respondents, i.e., 80% of total respondents. Out of this pool, 74% opted for a wide School curriculum, while 26% (20% of total respondents) opted for a smaller curriculum of onsite courses.

rotating schedule, organising them online every other year. Another option that has been mentioned points to the creation of an on-demand platform to allow full-time access to online material, which could be then complemented by live-streamed sessions with teachers and tutors.

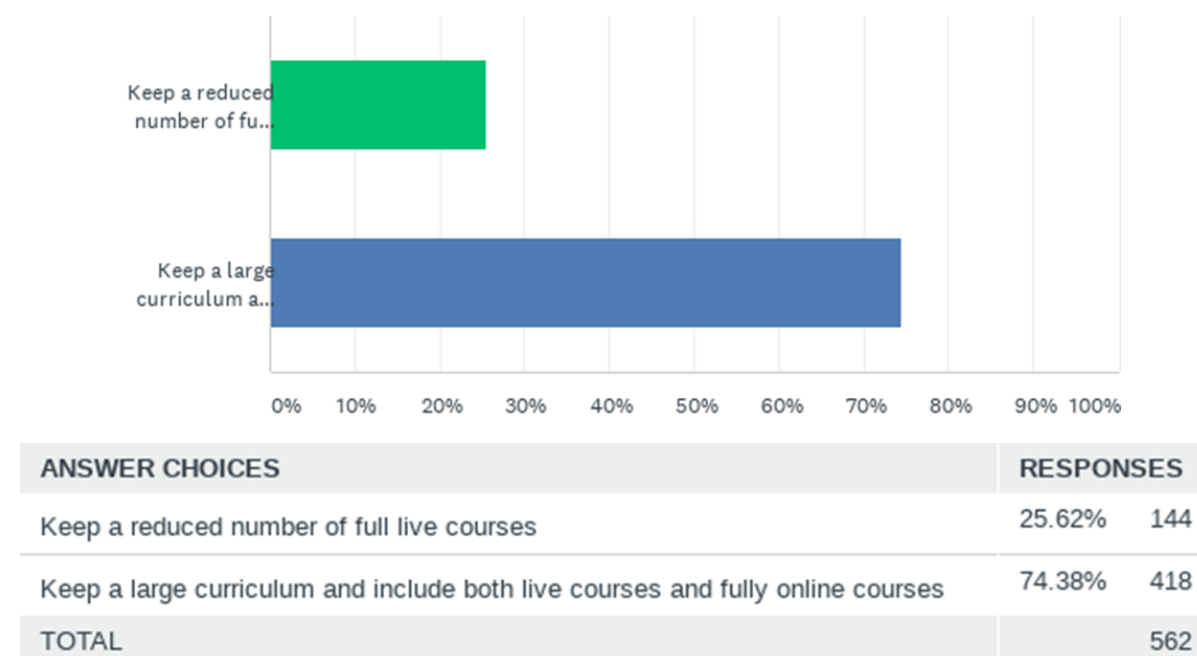


Figure 7 – Course organisation in a time of limited resources

Table 8- ESTRO School courses – Summary of findings

ESTRO School courses – Summary of findings	
Attendance trends in ESTRO School courses	<ul style="list-style-type: none"> The age group that is more likely to attend ESTRO courses is made up by professionals between 35 and 54. Professionals aged between 18 and 34 represent the smallest portion of course participants. They are also the group that shows the highest adaptability to changes in course format. 55% of participants are fully or partially sponsored by their own institution. Radiation oncologists are far more likely to cover their own participation in School courses, whereas over 70% of medical physicists and RTTs attend via institutional sponsorship.
Preferential analysis of course types and formats	<ul style="list-style-type: none"> Even if there is a clear preference for the face-to-face (live) format, respondents show greater availability to explore different concepts when it comes to School courses. Still, the fully online format ranks as low as in the other ESTRO activities. Medical physicists have the strongest preference for fully onsite events. They are also the least open to other formats. Preferences among younger respondents tend to be less polarized than in other age groups, with the onsite format ranking slightly lower while remaining steadily in the first place.

	<ul style="list-style-type: none"> • The online format scores substantially better among non-European respondents, especially in Americas and South-East Asia. • In low-to-middle income countries, the online format ranks almost as high as the fully live format among the preferred options. • Regarding the ideal duration of an online or blended course, respondents are evenly spread across two main response options: having a few lectures a week, with the course lasting for multiple weeks, or having lectures as close as possible to one another. Younger respondents appear to be far more interested than average in courses stretching over several weeks.
Course formats and School curriculum	<ul style="list-style-type: none"> • Although onsite clearly emerges as the preferred format for nearly any ESTRO event, 60% of respondents believe that, in a time of limited resources, the School curriculum should include a full range of formats, going from fully onsite to fully online courses. • Additional recommendations include identifying the courses that can adapt more easily to a fully online environment and adopting a rotating schedule. Comments have also pointed to the creation of an on-demand platform to allow full-time access to online material, which could be then complemented by live-streamed sessions with teachers and tutors.

7. ESTRO Communication Channels

7.1. How does the Community keep up to date with ESTRO activities?

A first analysis of the aggregated data shows that the main channels through which the Community receives updates about ESTRO activities are mass mailing and the ESTRO website. These have been overwhelmingly voted by respondents, and rank very high in preferences independent of age, specialty, membership status or geographical location. A closer inspection, however, also reveals another tendency: despite the numerous communication channels put in place by the Society, a significant number of people appears to rely on word of mouth at the workplace to remain informed about activities, events and topics of interest. So much so that word of mouth scores even higher than social media pages.

This gives an indication of the importance of the role played by single institutions in disseminating information about the Society. While, at first glance, national societies may appear to be less relevant in this respect, it is important to consider that their focus is mainly on intra-institutional communication. In this sense, while their role may not be perceived as key by individual respondents, they may play a larger part in informing and providing updates to the institutions active in their local context. Therefore, reinforcing ESTRO's liaison with national societies via the National Societies Committee should remain high in the Society's communication strategy. At the same time, strengthening direct communication with institutions may also be considered as an asset to the Society's outreach strategy.

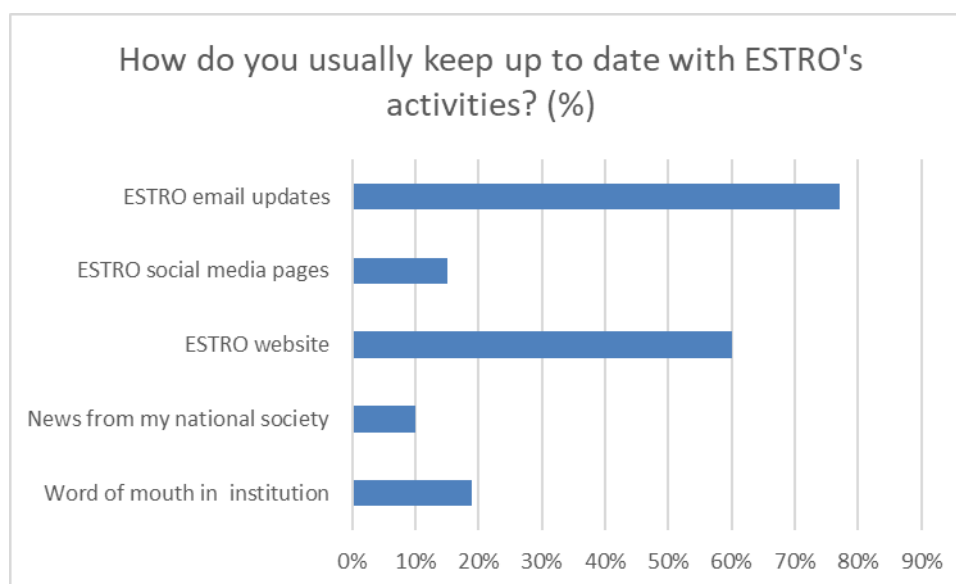


Figure 8 - Preferred ESTRO communication channels - Aggregated data

Compared to members, non-members are more likely to rely on word of mouth and are generally less engaged by communication channels such as the website or email updates. Given its reduced responsiveness to other channels, for this segment indirect communication via single institutions becomes very relevant when promoting ESTRO activities.

While the website and mass mailings remain the most popular information channels across all medical specialties, radiation oncologists appear to be significantly less used to looking for updates on ESTRO social media pages. Comparatively, RTTs are the category that relies less on the official channels and attaches more importance to social media and word of mouth. Also, RTTs appear to be much more reliant on the information disseminated by national societies than their counterparts. Looking at age groups, the effectiveness of informal channels such as social media and word of mouth increases significantly for younger users, whereas they get less relevant as the age of respondents increases. Social media is considered a go-to information channel by 20% of respondents aged between 18 and 34, whereas only 6% of respondents older than 55 use them to keep up to date with the Society's activities. The opposite trend can be noted when considering the ESTRO website, which is 20% more popular among respondents aged 55+ than among those aged 18-34. The segmentation by age allows to better understand the variations identified for the different medical specialties: RTTs are the professional category with the highest proportion of young respondents (36%, compared to 13% for radiation oncologists and medical physicists).

Whereas the use of official channels such as the website and mailing notifications is consistent across all geographical regions, non-European respondents seem to be less likely to follow ESTRO social media pages. Informal exchanges with colleagues about ESTRO news also seem to be less frequent outside Europe. The use of national societies as a source of information seems to be particularly common in upper-middle income economies, which also show a higher-than-average reliance on the ESTRO website²⁶.

7.2. Focus: ESTRO website, newsletter and social media

The ESTRO website is the second most used information channel by the Community after direct mailing, irrespective of demographics, area of work or medical specialty. Although mailing notifications are still the most effective tool for specific communications, the website is the go-to reference for users who are proactively looking for information about the Society. Through the website, ESTRO members can access a wide array of resources, including the e-Library, the scientific journals, the ROSEIS platform and the Moodle spaces of the events they registered to.

At aggregated level, most respondents consider their experience using the website satisfying: 65% rated their experience with the ESTRO website as "good", whereas 17% considered it to be "excellent". However, 12% of respondents rated their experience as "poor": for this group, difficulties in navigating the website and finding the appropriate information appear to be key issue when navigating the website. More specifically, user feedback focuses on the need to have more immediate access to scientific content, e.g., direct access to the scientific journals.

Satisfaction levels appear to drop in younger respondents: for respondents aged 18-34, the chances of the average rating being "poor" is 5% higher than in other age groups. An additional insight layer is provided by the looking at the membership status of people who are unsatisfied of their user experience with the website. On average, 79% of them are ESTRO members and 32%

²⁶ For this subgroup, the ESTRO website is the main source of information on ESTRO activities and ranks 7% higher than email blasts.

have held a responsibility position within the Society. This could further reinforce the theory that the problem with the website does not lie so much with the publicly available information, but rather with the content accessible via members-only areas.

Within the open-access content, respondents show a very high interest in the ESTRO newsletter. The newsletter is a bi-monthly publication covering a wide range of topics about the Society. More specifically, the newsletter is broken down into multiple “Corners”, which put the spotlight on specific ESTRO activities, discipline-oriented content, or updates on the Society’s life. The material shared through the newsletter can include interviews with key opinion leaders, conference findings, research information, editor’s picks, etc.

Among the surveyed pool, 76% declared reading the ESTRO newsletter. Although members who have been involved in the Society are the subgroup that shows the highest interest in the newsletter, at least 50% of non-members declares reading it. The newsletter appears to be particularly popular among radiation oncologists, who are 10% more likely to read it regularly than their counterparts. While the newsletter appears to be well-known among more experienced professionals, the proportion of respondents aged 18 – 34 who reads it is 20% lower than the other age groups. Looking at the geographical split of respondents, the European and Americas regions are the areas where the newsletter registers its highest readership. Also, the aggregated level shows that the newsletter is highly appreciated both in terms of frequency and quality of content.

When the focus shifts on social media, the size of the surveyed pool decreases significantly, as 20% of total respondents said that they are not on any kind of social media platform (5% of the younger professionals, almost 1/3 of professionals older than 55). An additional 32% of respondents said they do not follow ESTRO on any social media, which points to a need to increase user engagement across all social media pages. Taking into account the proportion of respondents who are not using social media at all, this group includes 21% of professionals aged 18-34, 39% of professionals aged 35-54 and 58% of professionals aged more than 55. In terms of geographical spread, 30% of European respondents do not follow any of ESTRO social media pages. This proportion increases by an additional 6% when looking into non-European respondents. Finally, the sub-group of people that are active on social media but that do not follow any of ESTRO’s pages includes 44% of all radiation oncologists and medical physicists, but only 23% of RTTs.

The most followed ESTRO social media profiles are Twitter and LinkedIn, followed closely by Facebook. The Instagram and YouTube channels, on the other hand, are the least followed platforms. Overall, among those who follow ESTRO’s accounts, the Society’s social media posts rate well both in terms frequency and relevance of content.

Table 9 - ESTRO Communication channels - Summary of findings

ESTRO Communication channels - Summary of findings	
How does the	<ul style="list-style-type: none"> The main channels through which the Community receives updates about ESTRO activities are mass mailing and the ESTRO website

<p>Community keep up to date with ESTRO activities?</p>	<ul style="list-style-type: none"> • Word of mouth at the workplace remains an important way to keep updated ESTRO about activities, events and topics of interest. • Compared to members, non-members are more likely to rely on word of mouth and are generally less engaged by official communication channels such as the ESTRO website or mailing updates. • RTTs are the medical specialty which attaches more importance to informal channels (e.g., social media and word of mouth) to remain updated about ESTRO activities. Also, RTTs rely more on the information disseminated by their national societies than other medical specialties. • The effectiveness of informal channels such as social media and word of mouth increases significantly for younger users. • The ESTRO website is comparatively more popular among older respondents. • Informal channels such as social media or word of mouth are less used among non-European respondents. • Respondents from upper-middle income economies are more likely to use their national society as the main source of information.
<p>Focus: ESTRO website, social media and newsletter</p>	<ul style="list-style-type: none"> • Most respondents are satisfied with their experience browsing the ESTRO website (65% rated their experience as “good”, while 17% considered it to be “excellent”). • Those who rate their user experience as “poor” mention difficulties in navigating the website and finding the appropriate information as the key issue with the website. • The majority of those who rate their user experience as “poor” are ESTRO members, which reinforces the theory that issues are mainly linked to content accessible via members-only areas. • 60% of the total pool reads the ESTRO newsletter. This includes, among others, 50% of all surveyed non-members. • The proportion of respondents aged 18 – 34 who reads the newsletter is 20% lower than the other age groups. • The newsletter appears to be particularly popular among radiation oncologists, who are 10% more likely to read it regularly than their counterparts. • 20% of the total pool are not on any kind of social media platform. An additional 32% of respondents said they do not follow ESTRO on any social media. • RTTs are more likely than other specialties to follow ESTRO on social media. • The most followed ESTRO social media profiles are Twitter and LinkedIn, followed closely by Facebook. The Instagram and YouTube channels, on the other hand, are the least followed platforms.

8. ESTRO Scientific Journals

8.1. Access to ESTRO scientific journals: trends and statistics

As shown in Chapter 3.1, scientific journals are the 3rd best ranking ESTRO activity at aggregated level. Be it via the ESTRO website or other platforms, 61% of respondents confirmed accessing the journals on a regular basis²⁷. This pool is mostly composed of ESTRO members (70%), with a significantly high proportion of professionals with a track record of engagement within the Society (80%). However, access to scientific journals is also rather common among non-members (almost 1 out of 2). The readership of the scientific journals is mostly composed of radiation oncologists and medical physicists, with an average 67% of respondents belonging to both specialties. The proportion for RTTs decreases to 40%. The highest percentage of readers can be found among more experienced professionals, with an average of 70% in the age group 35+. For respondents younger than 35, on the other hand, the ratio decreases to 50%.

The Green Journal is by far the most consulted of all ESTRO publications: it is followed by 96% of all ESTRO scientific journals readers. Considering its overwhelming popularity, the statistics on the readership trends of the Green Journal are largely aligned with the general trends highlighted for the Journal readership: the Green Journal is predominantly read by radiation oncologists and medical physicists, while RTT readers make up a smaller proportion of its public (around 40%, compared to an average 70% of radiation oncologists and medical physicists). While its readership is mostly composed of European readers, the Green Journal is also popular outside Europe, especially in the USA, Canada, Australia and New Zealand.

When focusing on the open access journals, the readership size drops significantly: on average, 23% of all ESTRO scientific journals readers access Clinical and Translational Radiation Oncology (ctRO) and Physics and Imaging in Radiation Oncology (phiRO), while 12% of the pool reads Technical Innovations and Patient Support in Radiation Oncology (tipsRO)²⁸.

ctRO's readers are predominantly radiation oncologists (70% of the isolated group, 25% of the total pool), with medical physicists and RTTs making up respectively 16% and 5% of the group considered for this journal (11% and 9% of total representation for each specialty). The majority of ctRO readers is European, with a strong representation from the UK, the Netherlands, Italy and Spain. The non-European readers make up 20% of the isolated group and are mostly represented by the USA and Canada. A large portion of ctRO readers falls into the age group 35 – 54, with only 12% of readers under 35²⁹. Readers older than 55 make up 26% of the isolated group (19% of the total pool for this age group). Almost all ctRO's readers are ESTRO members (92%), 47% of which are engaged in the Society.

²⁷ A total of 567 respondents answered the question "Do you usually access the ESTRO scientific journals (either via the ESTRO website or other platforms)?". Out of this pool, 81% answered "yes" and 19% answered "no".

²⁸ The proportion of tipsRO readers is reflective of the overall breakdown of survey respondents by medical specialty.

²⁹ At aggregated level, ctRO's readership includes 15% of all respondents aged between 18 and 34 and 19% of those older than 35.

Focusing phiRO's readership, the split of medical specialties shows that proportions are overall consistent with ctRO, even though the majority group in this case is clearly represented by medical physicists (66% of the isolated group)³⁰. Radiation oncologists account for 15% of the readership, but barely 5% of the total radiation oncology pool. As for RTTs, the figures are aligned with ctRO. Once again, the European region is the most represented among phiRO readers. While representation outside Europe is largely consistent with ctRO, the journal appears to be less read in North America. Looking at age groups, phiRO's readers include an even larger majority of professionals aged between 35 and 54 than ctRO (70%). However, the journal appears to attract less readers among older respondents: readers from the 55+ group only make up 18% of the journal's public (as opposed to 26% for ctRO). The ratio of ESTRO members is slightly lower in the subgroup isolated for phiRO: members make up 85% of the journal readers (40% of them being engaged in the Society).

Whereas the numbers of respondents who declared reading ctRO and phiRO's are comparable in terms of size, the group of tipsRO readers is substantially smaller than the other open access journals (i.e., approximately 50%)³¹. tipsRO readers are almost entirely ESTRO members (94%), and 40% of them are active members. At aggregated level, tipsRO is read by 37% of the total RTT pool, but radiation oncologists and medical physicists are only represented 5% and 7% respectively³². Just like the other open access journals, tipsRO's readership is predominantly European, while the journal appears to be less popular outside Europe. tipsRO appears to attract younger readers, but this is mainly due to RTT respondents being on average younger than their counterparts.

³⁰ Medical physicists represent 66% of the subgroup considered for phiRO and 43% of the total medical physics pool.

³¹ As Figure 9 shows, 130 respondents declared reading ctRO and 125 declared reading phiRO. When it comes to tipsRO, the size of the readership shrinks to 67 people.

³² tipsRO readership breaks down as follows: 40% RTTs, 25% radiation oncologists and 19% medical physicists. At aggregated level, these figures represent 37%, 5% and 7% of their total pools of RTTs, radiation oncologists and medical physicists respectively.

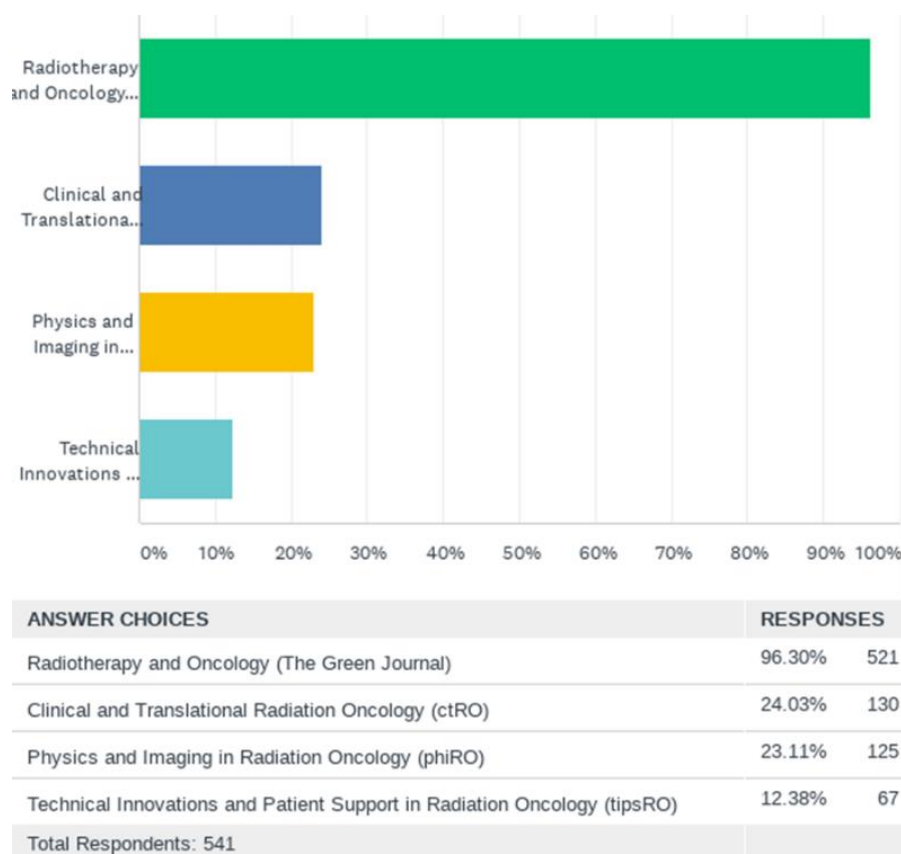


Figure 9 – Scientific journals: access trends – Aggregated data

8.2. The Scientific Journals in the daily practice

Overall, a large part of the surveyed pool appears to be using the information and guidelines provided published in the scientific journals in their daily work. More specifically, 81% of journal readers said they refer to the content of the journals often. The segmented data is largely aligned with the aggregated findings, but nevertheless highlights a few notable variations.

The journal publications have a higher relevance than average for ESTRO members, even more so for those who are engaged in the Society. Engagement level in ESTRO also has a direct correlation to respondents' willingness to publish in a scientific journal: while, on average, 27% of journal readers said they are very likely to submit an article for publication, this ratio goes as high as 52% with engaged members.

The segmentation by medical specialty shows that radiation oncologists are the category that benefits the most from the journal publications in their daily work (85% of them said they refer to the journals regularly). However, medical physicists appear to be slightly more inclined than the other specialties to publish in a scientific journal. RTTs, on the other hand, appear to be the medical specialty that is less likely to publish in any of them.

Older and more experienced respondents appear to refer to the journals more often than their younger counterparts. This trend is particularly evident for professionals older than 55. For this group, however, the interest in the information provided by scientific journals does not go hand in

hand with their willingness to publish in one of them. Statistically, mid-career respondents aged between 35 and 54 are the most likely to publish in the journals. When it comes to younger respondents, the statistics showing their interest in the journals are aligned with the aggregated level. However, the journals' content appears to be comparatively less relevant for them than for more experienced professionals.

Table 10 - ESTRO Scientific journals - Summary of findings

ESTRO Scientific journals - Summary of findings	
Access to ESTRO scientific journals: trends and statistics	<ul style="list-style-type: none"> • 61% of the total pool of respondents reads ESTRO scientific journals. • 70% of journals readers are ESTRO members, and most of them are engaged in the Society. As for non-members, 1 out of 2 accesses the journals. • The journal readership includes 60% of all radiation oncologists and medical physicist, while RTTs are represented at 40%. • The highest percentage of readers can be found among mid-career and experienced professionals (70% are older than 35 with more than 10 years of experience). The representation of younger professionals does not exceed 50% (60% for the Green Journal, 15% for the open access journals) • Contrary to the open access journals, the Green Journal is also popular outside Europe, especially in the USA, Canada, Australia and New Zealand. • Compared to the Green Journal, the readership size of the open access journals is significantly lower: 23% of all journal readers follow ctRO and phiRO, while 12% of the pool reads tipsRO. • The readership of each open access journal is largely composed by the medical specialty targeted by that journal.
The Scientific Journals in the daily practice	<ul style="list-style-type: none"> • 81% of journal readers said they refer to the content of the journals often. • Engagement level in ESTRO also has a direct correlation to respondents' willingness to publish in a scientific journal. • Radiation oncologists are the category that benefits the most from the journal publications in their daily work (85% of them refer to the journals regularly). • Medical physicists appear to be slightly more inclined than the other specialties to publish in a scientific journal. • RTTs appear to be the medical specialty that is less likely to publish in any of them. • Respondents older than 55 are more likely to refer to the scientific journals but show less willingness to publish compared to other age groups. Mid-career respondents aged between 35 and 54 are the most likely to publish in the journals.

9. Membership & Participation

9.1. Membership fee: trends and statistics

Compared to the trends shown for the ESTRO events (i.e., annual congress, workshops and School courses), the aggregated data on membership highlights some key differences. At the aggregated level, 62% of respondents said that they pay for their membership fee on their own, i.e., almost double the proportion of people who declared paying for their participation fee in ESTRO events (the statistics for the annual congress, workshops and School courses show an average of 32%). Institutional sponsorship is considerably less frequent for membership compared to event attendance (33% against 54%), while the number of third-party sponsorships drops below 3%. In the case of membership fees, full sponsorship appears to be far more common than partial sponsorship.

The segmented data is highly consistent with the analysis made of ESTRO events. Among medical specialties, radiation oncologists are more likely to pay for their own membership fee (75%, against 62% at the aggregated level). For medical physicists and RTTs, institutional sponsorship is more common, although it does not exceed 43% of cases (40% for medical physicists, 47% for RTTs). As opposed to the Europe region, respondents from outside Europe are more likely to pay for their own membership fee. The increase in this trend ranges from 5% for South-East Asia to 18% for the Americas region. When looking at the average income level, upper-middle income and low-to-middle income economies show a comparable pattern, with a much higher rate of self-funded memberships than high-income regions.

9.2. Society engagement: opportunities and barriers

The final section of the survey focused on getting a sense of respondent's perception on their current level of commitment within the Society. More specifically, the study team tried to understand whether respondents were satisfied with their involvement in ESTRO activities, if they would like to be more involved and, if yes, what were the main perceived barriers preventing them from doing so.

Out of the total number of respondents who answered this section³³, 58% answered that they would like to be more involved within the society. 26% of this subgroup are ESTRO members who already feel they are active in the Society (73% of them are holding or have previously held a responsibility position), while the remaining 74% represents people who are not currently active in the Society but who wish to have more opportunities for engagement. The segregated group of non-active people who would be interested in being more engaged in ESTRO makes up 32% of all respondents aged between 18 and 34 and 30% of respondents in the 35-54 age group. Older respondents are comparatively less interested in seeking a stronger engagement (18%)³⁴. Looking

³³ 553 out of 704, i.e., 79% of the total pool.

³⁴ When looking at this data, it is important to keep in mind that 40% of respondents in the age group 55+ is currently holding or has previously held a responsibility role within ESTRO. Professionals in this age group are also likely to be involved with responsibility roles in their careers, which could explain a lower interest in engaging in leadership positions within ESTRO. This ratio drops to 25% for the 35-54 group and 13% for the 18-34 age group.

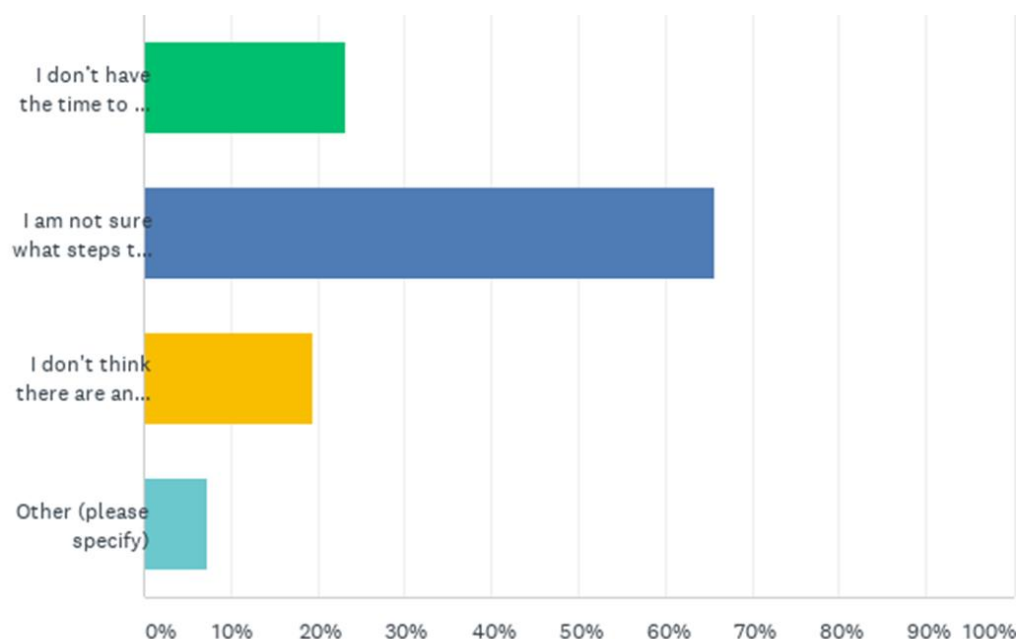
at medical specialties, radiation oncologists and medical physicists are the categories that show higher interest in playing an active role within ESTRO, whereas RTTs appear less prone to seek greater involvement³⁵. On average, inactive respondents from Canada, the USA and Australia are the non-European group with the highest interest in increasing their involvement within ESTRO. While statistics show that 25% of American and Canadian respondents who participate in ESTRO activities do so by covering active positions (mostly as speakers during ESTRO events), no respondent from Australia has mentioned having an active role in ESTRO. Therefore, the answers collected from inactive Australian respondents could point towards an increased interest a stronger involvement in the Society's activities from this group. As for the European region, the ratio of inactive respondents who wish to commit more to ESTRO is comparable to the respondents who are already covering active positions.

Overall, the segmentation sheds light on a subgroup of RT specialists, mostly represented by young and mid-career professionals, with a vested interest in increasing their involvement within ESTRO. Although most of them are European, weighted statistics show high interest levels also outside Europe. The open comment section shows that the main areas of interest include not only content-specific research projects, but joining a committees or taskforce, participating in educational activities or joining the editorial team of a scientific journal.

As Figure 10 shows, however, while external factors such as lack of time come to play an important role in preventing people from taking on more responsibilities within the Society, the main barrier seems linked to an overall lack of clarity. More specifically, a substantial portion of respondents (66%)³⁶ mentioned that the main barrier preventing them to be more engaged in ESTRO comes from a lack of understanding of the steps to take to do so. In general, people seem to be unaware of how the selection procedure for the ESTRO leadership functions. Some are under the impression that the process narrows down to informal contacts and networks within the Society. While this barrier seems to be less relevant for older professionals, it becomes increasingly important moving up the age groups. For example, lack of knowledge regarding internal selection processes affects 1 professional out of 3 among respondents younger than 35.

³⁵ Inactive respondents who seek greater involvement in ESTRO represent respectively 28% of all radiation oncologists, 30% of all medical physicists and 19% of all RTTs.

³⁶ 25% of the total poll.



ANSWER CHOICES	RESPONSES	
I don't have the time to be more involved with ESTRO	23.19%	61
I am not sure what steps to follow to take on a more active role within ESTRO	65.78%	173
I don't think there are any specific barriers	19.39%	51
Other (please specify)	7.22%	19
Total Respondents: 263		

Figure 10 - Barriers to becoming more involved in ESTRO - Aggregated level

Table 11 - Membership & Participation - Summary of findings

Membership & Participation - Summary of findings	
Membership fee: trends and statistics	<ul style="list-style-type: none"> Compared to ESTRO events, most respondents said they pay for their ESTRO membership fee on their own (62%). Institutional sponsorship is considerably less frequent for membership fees, and third-party sponsorship is almost non-existent.
Society engagement: opportunities and barriers	<ul style="list-style-type: none"> 58% of respondents said they would like to be more involved in the Society's life. Within this group, 74% are people who are not currently active in the Society but who wish to have more opportunities for engagement. This subgroup mostly consists of young and mid-career professionals. Most of them are European, but the group also includes an important portion of respondents from the USA, Canada and Australia.

- | | |
|--|---|
| | <ul style="list-style-type: none">• The main areas of interest include not only content-specific research projects, but joining a committees or taskforce, participating in educational activities or joining the editorial team of a scientific journal.• The most important barrier to being more involved in ESTRO comes from a lack of understanding on how the selection procedure for the ESTRO leadership functions. In other words, most respondents do not know which steps they need to take to take on a greater role within the Society. |
|--|---|

10. Conclusions

The takeaways presented in this study are intended to provide an overview of the key trends that characterise how the radiation oncology community approaches and perceives the activities organised by ESTRO. In order to create a complete account of respondents' perceptions, the report built on a quantitative questionnaire survey, which aimed to capture user behaviour via a wide array of question types. The analysis started from the aggregated data and looked deeper into specific clusters by adopting a consistent series of variables, ranging from age and geographical distribution to medical specialty and involvement in the Society. In order to bring more depth into the quantitative data, a qualitative layer was added by taking into account the most relevant open comments made by survey respondents.

Overall, the annual congress is the favourite among the activities offered by the Society. The congress is the most highly ranked ESTRO activity and is seen as a cornerstone to gain insight on the latest scientific research and access networking and educational opportunities. Across all clusters isolated in this study, access to new content and interaction with peers are the main drivers to attend the congress, although opportunities for continued education and reaccreditation rank significantly high for specific groups (mainly among non-European participants). The Congress is mainly attended by mid-career and senior professionals, 80% of which can count on total or partial sponsoring from either their own institution or a third party. The data also shows that 78% of respondents would like to attend the Congress more often but are prevented to do so either by budget constraints or shift rotations in their own clinic. These barriers are particularly relevant for younger respondents, who are comparatively very interested in attending more often. Also, for 16% of respondents, attendance to the Congress is directly linked to the acceptance of their abstracts.

Respondents also showed a strong interest for all the educational activities offered by the Society, including School courses, scientific journals and workshops. Access to a wide array of educational material and events, addressed to and provided by multidisciplinary groups is a key feature of the Society's offer, and ranks high in the preferences of all respondent clusters. The multidisciplinary aspect seems to play an important role when it comes to School courses. By contrast, the main differentiator of the workshops appears to be their dedicated focus: the concept of a specialty-specific event bringing people together in a smaller format seems to be met with a very positive response by those who have attended them. Additionally, for medical professions with a long-standing tradition of dedicated workshops (e.g., medical physicists, brachytherapy professionals) this activity is key to develop cross-national partnerships and projects. Overall, attendance trends in the workshops seem to be still largely affected by a lack of awareness about this format. This seems to be especially true for younger respondents.

When it comes to the format of ESTRO events, the aggregated data points towards a general preference for face-to-face meetings complemented by an on-demand online component. More specifically, access to recorded content is of key importance to expand the user segments attracted by the ESTRO events. Overall, while the online format is highly appreciated for being cost effective

and allowing for greater flexibility, all respondent groups identified lack of networking and loss of personal contacts as its main drawbacks. However, while this appears to represent determining factor in guiding users' choice on the congress format, it does so to a lesser extent with smaller events such as School courses or workshops. In these cases, even if the preference for the face-to-face format remains, respondents show greater availability to explore different solutions, such as blended events or alternating between live and online every other year. Even if the face-to-face format is preferred by a majority of respondents, the analysis shows that a spectrum of clusters are interested in alternative concepts (e.g., blended events, alternating onsite and online events, etc.). More specifically, respondents tend to be more willing to adapt to new formats if this allows the Society to maintain a wide portfolio of activities. This is generally the case for younger respondents and for professionals working outside Europe.

In general, around 50% of respondents report that their attendance to ESTRO events such as conferences and courses are sponsored by their own institution. This is particularly true for medical physicists and RTTs. Around 30% of respondents (mostly radiation oncologists) support their participation on out of their own pocket. Third-party sponsorship schemes appear to be rather uncommon, except for respondents from upper-middle income countries.

The interest in educational activities does not only concern events, but also the Society's publications and information material. Scientific Journals, for example, are the third best ranking ESTRO activity at aggregated level. While the readership of open access journals predominantly includes the medical specialties that they are targeting, the Green Journal is popular among all medical specialties and is followed by 96% of ESTRO journal readers (74% of all respondents). Most respondents refer to the content published in the journals often and find it very valuable in their daily work. While radiation oncologists are proportionally more likely to benefit from the content of the journals, medical physicists appear to be the most willing to submit their research for publication. Together with the Journals, the ESTRO newsletter seems to be a highly appreciated information channel. Among the surveyed pool, 76% of respondents declared reading the newsletter (including 50% of all non-members), with radiation oncologists showing a higher interest than average in following the newsletter content regularly. Looking at the different age groups considered in this study, younger professionals appear to be less interested in the Scientific Journals and the newsletter than their more experienced counterparts. Conversely, while older respondents have a high interest in the material published in these channels, they show lower interest in actively publishing their work.

When looking for information about ESTRO activities, the ESTRO website is the main source of information, together with direct mailing by the Society. However, informal communication channels such as word of mouth and social media still play an important role among the radiation oncology community, especially in the European region. Conversely, non-European respondents are more likely to use their national societies as their main source of information. While the overall user experience with the ESTRO website is positive for most respondents. The minority finding the website poor indicated difficulties in finding the appropriate information. Difficulties to find

information seems to be more prevalent in the members-only area rather than in the sections available to the general public.

Broadening its scope beyond ESTRO activities alone, the study also provided a short outline of participation trends with regard to membership and engagement in the Society. Compared to ESTRO events, most respondents reported paying for their ESTRO membership fee on their own (62%). Institutional sponsorship is considerably less frequent for membership fees, and third-party sponsorship is almost non-existent. Out of the total pool of respondents, 38% said they would be interested in being more involved in the Society by joining a committee or taskforce, participating in educational activities or joining the editorial team of a scientific journal. Within this group, a large majority (74%) is represented by mid-career professionals who are not currently active in the Society but who wish to have more opportunities for engagement. However, when asked what prevents them to do so, 66% of them mentioned that the most important barrier is a lack of understanding on how the selection procedure for the ESTRO leadership functions. In other words, most respondents do not know which steps they need to take to take on a greater role within the Society, which affects the transparency of the nomination process in the ESTRO governance structure.

The study aimed to provide a high-level state-of-play analysis of the main behavioural trends linked to the main activities organised by the Society. In this perspective, this report should not be understood as a stand-alone document, but rather as the starting point to more advanced research that could build on some of the clusters and variables identified in the previous chapter. Also, it is important to keep in mind that the report focuses only on the findings highlighted by the survey. As such, some of its content may be inconsistent with other trends highlighted in larger and more complete data sources. Taking this into account and putting these findings in the right context, a possible follow-up could be the creation of a series of targeted recommendations, with the aim of addressing the gaps and needs associated with specific stakeholder groups.

Annexes

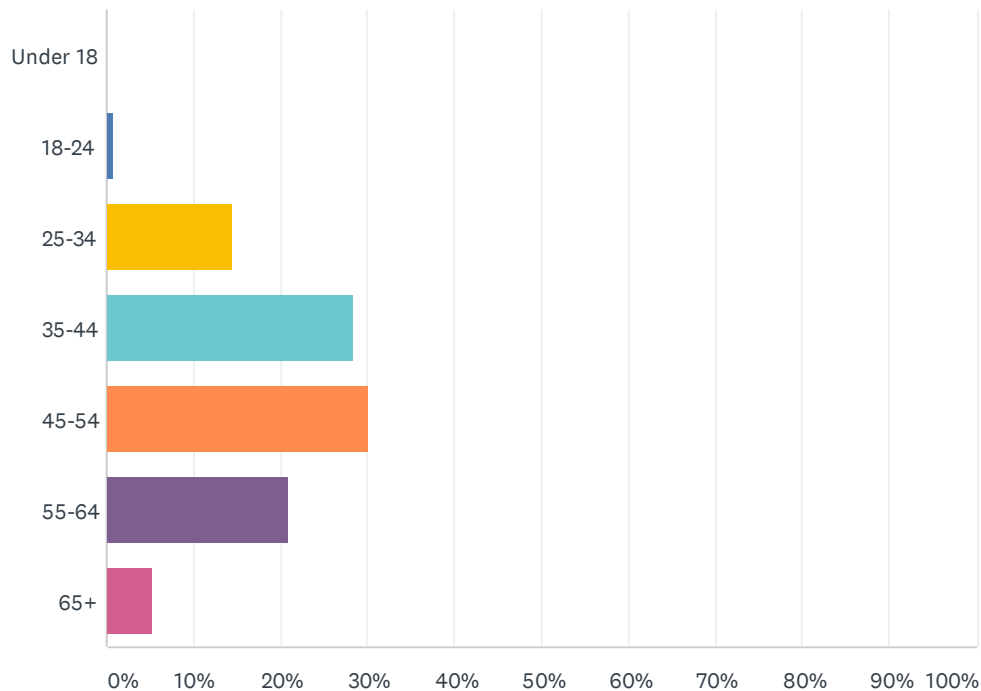
Annex 1 – ESTRO Community Survey – Full Summary Report

Group Demographics



Q1 What is your age group?

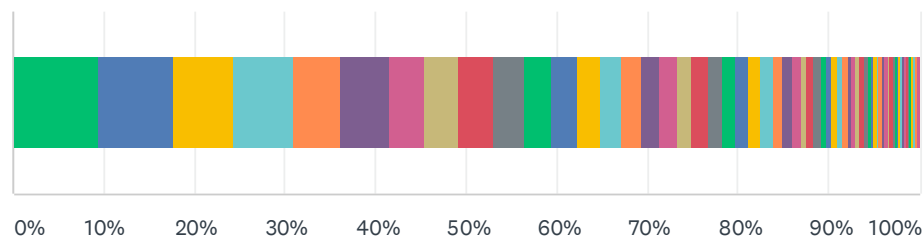
Answered: 690 Skipped: 14



ANSWER CHOICES	RESPONSES	
Under 18	0.00%	0
18-24	0.87%	6
25-34	14.49%	100
35-44	28.41%	196
45-54	30.14%	208
55-64	20.87%	144
65+	5.22%	36
TOTAL		690

Q2 What country are you from?

Answered: 687 Skipped: 17



ESTRO community survey - Putting ESTRO's added value into focus

■ Sao Tome and Principe ■ Senegal ■ Seychelles ■ Sierra Leone
■ Solomon Islands ■ Somalia ■ South Sudan ■ State of Palestine
■ Sudan ■ Suriname ■ Swaziland ■ Syrian Arab Republic
■ Tajikistan ■ Timor-Leste ■ Tonga ■ Trinidad and Tobago ■ Tunisia
■ Turkmenistan ■ Turks and Caicos ■ Tuvalu ■ Uganda
■ United Arab Emirates ■ United Republic of Tanzania ■ Uruguay
■ Uzbekistan ■ Vanuatu ■ Venezuela (Bolivarian Republic of) ■ Vietnam
■ Yemen ■ Zambia ■ Zimbabwe

ESTRO community survey - Putting ESTRO's added value into focus

ANSWER CHOICES	RESPONSES	
Netherlands	9.46%	65
Italy	8.30%	57
Belgium	6.55%	45
Germany	6.55%	45
Spain	5.39%	37
United Kingdom of Great Britain and Northern Ireland	5.39%	37
Canada	3.78%	26
Denmark	3.78%	26
France	3.78%	26
Switzerland	3.35%	23
Australia	3.06%	21
United States of America	2.91%	20
Sweden	2.47%	17
India	2.33%	16
Austria	2.18%	15
Portugal	2.04%	14
Greece	1.89%	13
Czech Republic	1.75%	12
Romania	1.75%	12
Turkey	1.60%	11
Japan	1.46%	10
Norway	1.46%	10
Poland	1.31%	9
Slovenia	1.31%	9
Mexico	1.02%	7
New Zealand	1.02%	7
Serbia	1.02%	7
Finland	0.73%	5
Lithuania	0.73%	5
Russian Federation	0.73%	5
Slovakia	0.73%	5
Brazil	0.58%	4

ESTRO community survey - Putting ESTRO's added value into focus

Croatia	0.58%	4
Ireland	0.58%	4
Thailand	0.58%	4
Bulgaria	0.44%	3
Chile	0.44%	3
Hungary	0.44%	3
Israel	0.44%	3
Republic of Korea	0.44%	3
Ukraine	0.44%	3
Albania	0.29%	2
Bosnia and Herzegovina	0.29%	2
Georgia	0.29%	2
Ghana	0.29%	2
Indonesia	0.29%	2
Latvia	0.29%	2
Malta	0.29%	2
Philippines	0.29%	2
South Africa	0.29%	2
The former Yugoslav Republic of Macedonia	0.29%	2
Algeria	0.15%	1
Armenia	0.15%	1
Azerbaijan	0.15%	1
China	0.15%	1
Costa Rica	0.15%	1
Egypt	0.15%	1
Estonia	0.15%	1
Kazakhstan	0.15%	1
Malaysia	0.15%	1
Morocco	0.15%	1
Nepal	0.15%	1
Peru	0.15%	1
Saudi Arabia	0.15%	1
Singapore	0.15%	1
Sri Lanka	0.15%	1

ESTRO community survey - Putting ESTRO's added value into focus

Togo	0.15%	1
Afghanistan	0.00%	0
Andorra	0.00%	0
Angola	0.00%	0
Anguilla	0.00%	0
Antigua and Barbuda	0.00%	0
Argentina	0.00%	0
Bahamas	0.00%	0
Bahrain	0.00%	0
Bangladesh	0.00%	0
Barbados	0.00%	0
Belarus	0.00%	0
Belize	0.00%	0
Benin	0.00%	0
Bhutan	0.00%	0
Bolivia (Plurinational State of)	0.00%	0
Botswana	0.00%	0
British Virgin Island	0.00%	0
Brunei Darussalam	0.00%	0
Burkina Faso	0.00%	0
Burundi	0.00%	0
Cabo Verde	0.00%	0
Cambodia	0.00%	0
Cameroon	0.00%	0
Cayman Islands	0.00%	0
Central African Republic	0.00%	0
Chad	0.00%	0
Colombia	0.00%	0
Comoros	0.00%	0
Congo	0.00%	0
Côte D'Ivoire	0.00%	0
Cuba	0.00%	0
Cyprus	0.00%	0

ESTRO community survey - Putting ESTRO's added value into focus

Democratic People's Republic of Korea	0.00%	0
Democratic Republic of the Congo	0.00%	0
Djibouti	0.00%	0
Dominica	0.00%	0
Dominican Republic	0.00%	0
Ecuador	0.00%	0
El Salvador	0.00%	0
Equatorial Guinea	0.00%	0
Eritrea	0.00%	0
Ethiopia	0.00%	0
Fiji	0.00%	0
Gabon	0.00%	0
Gambia	0.00%	0
Grenada	0.00%	0
Guatemala	0.00%	0
Guinea	0.00%	0
Guinea Bissau	0.00%	0
Guyana	0.00%	0
Haiti	0.00%	0
Holy See	0.00%	0
Honduras	0.00%	0
Iceland	0.00%	0
Iran (Islamic Republic of)	0.00%	0
Iraq	0.00%	0
Jamaica	0.00%	0
Jordan	0.00%	0
Kenya	0.00%	0
Kiribati	0.00%	0
Kuwait	0.00%	0
Kyrgyzstan	0.00%	0
Lao People's Democratic Republic	0.00%	0
Lebanon	0.00%	0
Lesotho	0.00%	0

ESTRO community survey - Putting ESTRO's added value into focus

Liberia	0.00%	0
Libya	0.00%	0
Liechtenstein	0.00%	0
Luxembourg	0.00%	0
Madagascar	0.00%	0
Malawi	0.00%	0
Maldives	0.00%	0
Mali	0.00%	0
Marshall Islands	0.00%	0
Mauritania	0.00%	0
Mauritius	0.00%	0
Micronesia (Federated States of)	0.00%	0
Monaco	0.00%	0
Mongolia	0.00%	0
Montenegro	0.00%	0
Montserrat	0.00%	0
Mozambique	0.00%	0
Myanmar	0.00%	0
Namibia	0.00%	0
Nauru	0.00%	0
Nicaragua	0.00%	0
Niger	0.00%	0
Nigeria	0.00%	0
Oman	0.00%	0
Pakistan	0.00%	0
Palau	0.00%	0
Panama	0.00%	0
Papua New Guinea	0.00%	0
Paraguay	0.00%	0
Qatar	0.00%	0
Republic of Moldova	0.00%	0
Rwanda	0.00%	0
Saint Kitts and Nevis	0.00%	0

ESTRO community survey - Putting ESTRO's added value into focus

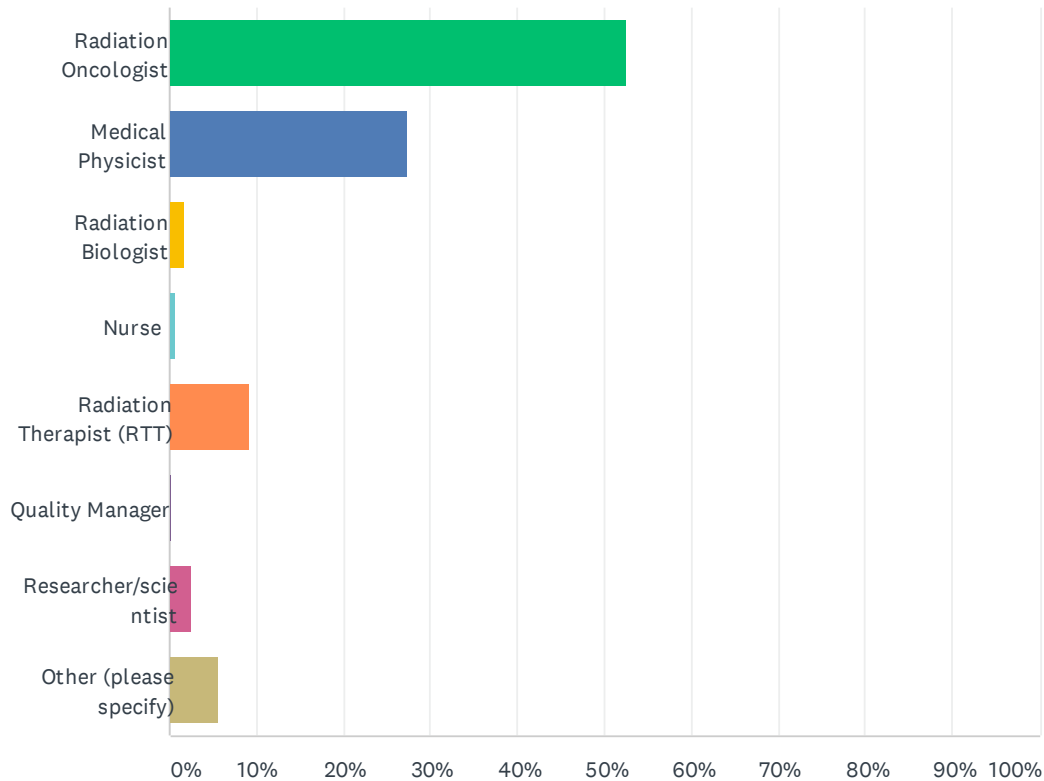
Saint Lucia	0.00%	0
Saint Vincent and the Grenadines	0.00%	0
Samoa	0.00%	0
San Marino	0.00%	0
Sao Tome and Principe	0.00%	0
Senegal	0.00%	0
Seychelles	0.00%	0
Sierra Leone	0.00%	0
Solomon Islands	0.00%	0
Somalia	0.00%	0
South Sudan	0.00%	0
State of Palestine	0.00%	0
Sudan	0.00%	0
Suriname	0.00%	0
Swaziland	0.00%	0
Syrian Arab Republic	0.00%	0
Tajikistan	0.00%	0
Timor-Leste	0.00%	0
Tonga	0.00%	0
Trinidad and Tobago	0.00%	0
Tunisia	0.00%	0
Turkmenistan	0.00%	0
Turks and Caicos	0.00%	0
Tuvalu	0.00%	0
Uganda	0.00%	0
United Arab Emirates	0.00%	0
United Republic of Tanzania	0.00%	0
Uruguay	0.00%	0
Uzbekistan	0.00%	0
Vanuatu	0.00%	0
Venezuela (Bolivarian Republic of)	0.00%	0
Vietnam	0.00%	0
Yemen	0.00%	0

ESTRO community survey - Putting ESTRO's added value into focus

Zambia	0.00%	0
Zimbabwe	0.00%	0
TOTAL		687

Q3 What is your specialty?

Answered: 700 Skipped: 4



ANSWER CHOICES	RESPONSES	
Radiation Oncologist	52.57%	368
Medical Physicist	27.43%	192
Radiation Biologist	1.57%	11
Nurse	0.71%	5
Radiation Therapist (RTT)	9.14%	64
Quality Manager	0.29%	2
Researcher/scientist	2.57%	18
Other (please specify)	5.71%	40
TOTAL		700

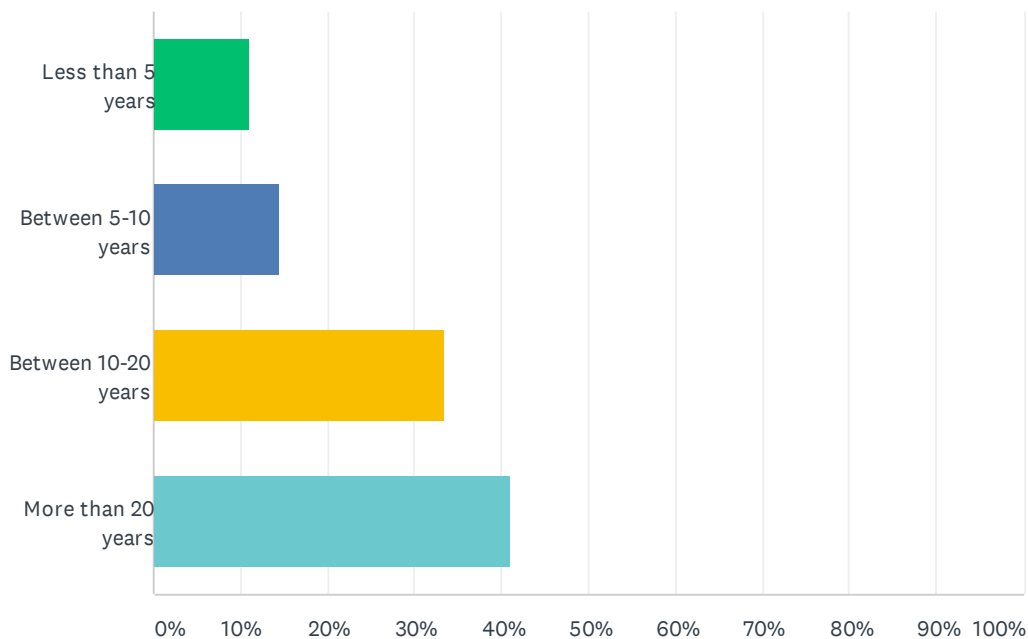
#	OTHER (PLEASE SPECIFY)	DATE
1	Oncologist under training and phd student.	3/8/2021 2:34 PM
2	Trade show organizer for a medical device manufacturer.	3/3/2021 9:07 PM
3	Head and Neck Surgeon	3/3/2021 8:28 PM
4	Nurse and RTT	3/3/2021 12:50 PM
5	Developer and manufacturer of medical device for radiation oncology	3/3/2021 9:37 AM

ESTRO community survey - Putting ESTRO's added value into focus

6	Head of Pre Treatment Radiographers	3/3/2021 9:20 AM
7	dosimetrist	3/3/2021 9:17 AM
8	Clinical oncologist	3/3/2021 7:28 AM
9	Oral & Maxillofacial surgery, Oral pathology, Cancer research	3/2/2021 5:29 PM
10	radiation oncologist in training	3/2/2021 3:59 PM
11	Nurse/Dosimetrist	3/2/2021 2:17 PM
12	Radiation and clinical oncologist	3/2/2021 1:46 PM
13	CEO Positioning Company	3/2/2021 1:28 PM
14	radiation safety	3/2/2021 12:21 PM
15	Clinical oncologist (MD)	2/23/2021 10:45 AM
16	Clinical Oncologist	2/20/2021 11:51 AM
17	Immunologist and scientist	2/18/2021 5:24 PM
18	Medical Physicist + Researcher	2/18/2021 4:52 PM
19	Resident radiation oncology	2/18/2021 3:42 PM
20	Clinical oncologist	2/18/2021 3:20 PM
21	Radiation oncologist who can & does prescribe systemic therapies as well. Somewhat like a clinical oncologist.	2/18/2021 3:08 PM
22	Radiographer	2/18/2021 1:30 PM
23	RTT and PhD student	2/18/2021 1:19 PM
24	surgeon	2/18/2021 12:58 PM
25	Clinical Oncology	2/13/2021 12:14 PM
26	Medical Physicist & Researcher	2/10/2021 3:47 PM
27	Clinical oncologist	2/9/2021 11:13 PM
28	Marketing	2/9/2021 8:40 AM
29	RTT and nurse	2/9/2021 8:31 AM
30	Medical Dosimetrist	2/9/2021 2:14 AM
31	Dosimetrist	2/8/2021 10:16 PM
32	Clinical Oncologist, Researcher/scientist	2/8/2021 8:54 PM
33	Product Manager	2/8/2021 6:24 PM
34	Vendor -executive VP	2/8/2021 5:39 PM
35	Technical Exhibitor	2/8/2021 5:29 PM
36	Resident radiation oncology	2/8/2021 4:46 PM
37	Radiation-cum-clinical oncologist -- My degree is in Rad Onc, but, in India, radiation oncologists are taught & allowed to give various systemic therapies)	2/8/2021 4:43 PM
38	I am radiation oncologist - but where is the option for clinical oncologist?	2/8/2021 4:35 PM
39	Physician Assistant	2/8/2021 4:32 PM
40	medical physics engineer	2/8/2021 4:29 PM

Q4 Number of years worked in the field of specialty?

Answered: 703 Skipped: 1



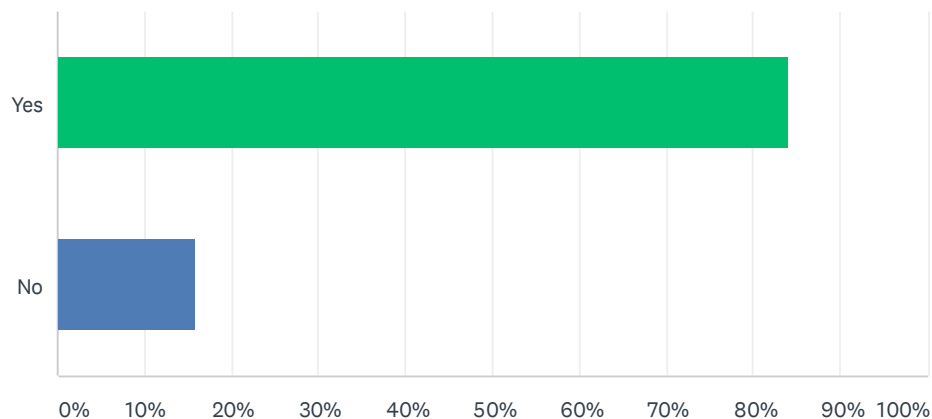
ANSWER CHOICES	RESPONSES	
Less than 5 years	11.10%	78
Between 5-10 years	14.37%	101
Between 10-20 years	33.57%	236
More than 20 years	40.97%	288
TOTAL		703

Membership & Participation (i)



Q5 Are you currently an ESTRO member?

Answered: 701 Skipped: 3



ANSWER CHOICES	RESPONSES
Yes	84.17% 590
No	15.83% 111
TOTAL	701

#	IF YES, FOR HOW MANY YEARS?	DATE
1	1 year.	3/8/2021 2:34 PM
2	I am not sure, i think for last five years.	3/8/2021 9:53 AM
3	30	3/8/2021 9:51 AM
4	10	3/7/2021 11:20 AM
5	more than 10 years	3/7/2021 7:08 AM
6	2	3/6/2021 7:19 PM
7	5	3/6/2021 6:49 PM
8	1	3/6/2021 8:05 AM
9	9	3/5/2021 11:12 PM
10	> 10 years	3/5/2021 9:32 PM
11	2	3/5/2021 5:23 PM
12	more than 20Y	3/5/2021 5:00 PM
13	> 20	3/5/2021 3:01 PM
14	1	3/5/2021 1:03 PM
15	25 years	3/5/2021 9:04 AM
16	30	3/4/2021 9:44 PM
17	3	3/4/2021 9:28 PM
18	12	3/4/2021 9:25 PM
19	6	3/4/2021 8:35 PM

ESTRO community survey - Putting ESTRO's added value into focus

20	5	3/4/2021 6:10 PM
21	2	3/4/2021 5:08 PM
22	1	3/4/2021 10:40 AM
23	4	3/4/2021 4:05 AM
24	20	3/4/2021 2:58 AM
25	1	3/3/2021 9:07 PM
26	11	3/3/2021 7:26 PM
27	13	3/3/2021 6:54 PM
28	3	3/3/2021 4:38 PM
29	2	3/3/2021 4:26 PM
30	many	3/3/2021 3:15 PM
31	20 years	3/3/2021 3:00 PM
32	1	3/3/2021 2:59 PM
33	since 2014	3/3/2021 2:13 PM
34	13	3/3/2021 1:48 PM
35	15	3/3/2021 12:50 PM
36	2	3/3/2021 12:46 PM
37	5 year	3/3/2021 12:38 PM
38	5	3/3/2021 12:18 PM
39	I think 20	3/3/2021 11:30 AM
40	25	3/3/2021 10:43 AM
41	15	3/3/2021 10:34 AM
42	3	3/3/2021 10:28 AM
43	8	3/3/2021 10:27 AM
44	>20	3/3/2021 10:17 AM
45	1.5	3/3/2021 9:47 AM
46	Five?	3/3/2021 9:40 AM
47	20	3/3/2021 9:37 AM
48	app 5	3/3/2021 9:20 AM
49	10	3/3/2021 9:17 AM
50	1	3/3/2021 9:13 AM
51	10	3/3/2021 8:45 AM
52	2	3/3/2021 8:01 AM
53	15	3/3/2021 7:52 AM
54	>10 years	3/3/2021 7:28 AM
55	5	3/3/2021 4:40 AM
56	5	3/2/2021 10:25 PM
57	15 y	3/2/2021 9:48 PM

ESTRO community survey - Putting ESTRO's added value into focus

58	7	3/2/2021 9:42 PM
59	2-3 off and on	3/2/2021 9:22 PM
60	15	3/2/2021 9:18 PM
61	20	3/2/2021 9:10 PM
62	15-17	3/2/2021 8:41 PM
63	20	3/2/2021 8:38 PM
64	8	3/2/2021 8:05 PM
65	2	3/2/2021 7:58 PM
66	12	3/2/2021 7:57 PM
67	5	3/2/2021 7:25 PM
68	6	3/2/2021 6:57 PM
69	more than 20	3/2/2021 6:22 PM
70	6	3/2/2021 5:52 PM
71	2 years	3/2/2021 5:29 PM
72	4	3/2/2021 5:22 PM
73	20	3/2/2021 5:14 PM
74	5	3/2/2021 5:14 PM
75	Since 2020	3/2/2021 4:31 PM
76	8	3/2/2021 4:22 PM
77	3	3/2/2021 4:22 PM
78	10	3/2/2021 4:16 PM
79	2	3/2/2021 4:13 PM
80	1	3/2/2021 4:12 PM
81	3	3/2/2021 3:59 PM
82	2	3/2/2021 3:58 PM
83	20	3/2/2021 3:41 PM
84	15	3/2/2021 3:27 PM
85	15	3/2/2021 3:26 PM
86	Since 2009	3/2/2021 3:13 PM
87	20	3/2/2021 2:56 PM
88	about 20	3/2/2021 2:27 PM
89	6	3/2/2021 2:19 PM
90	Four years	3/2/2021 2:13 PM
91	8	3/2/2021 2:02 PM
92	5	3/2/2021 1:51 PM
93	1	3/2/2021 1:40 PM
94	> 20	3/2/2021 1:40 PM
95	16	3/2/2021 1:30 PM

ESTRO community survey - Putting ESTRO's added value into focus

96	1	3/2/2021 1:30 PM
97	20+	3/2/2021 1:28 PM
98	About 20	3/2/2021 1:27 PM
99	21	3/2/2021 1:25 PM
100	more than 10 years	3/2/2021 1:21 PM
101	About 17	3/2/2021 1:17 PM
102	2	3/2/2021 1:13 PM
103	24	3/2/2021 1:06 PM
104	30 years	3/2/2021 1:05 PM
105	I guess since 2010 but some years I didn't renew the membership	3/2/2021 1:05 PM
106	5	3/2/2021 1:04 PM
107	13	3/2/2021 1:03 PM
108	20	3/2/2021 1:02 PM
109	approx. 5 years	3/2/2021 12:57 PM
110	9	3/2/2021 12:56 PM
111	2	3/2/2021 12:55 PM
112	10	3/2/2021 12:55 PM
113	7	3/2/2021 12:52 PM
114	more than 10 years	3/2/2021 12:50 PM
115	3 years	3/2/2021 12:49 PM
116	10	3/2/2021 12:46 PM
117	16	3/2/2021 12:46 PM
118	>15 years	3/2/2021 12:46 PM
119	21	3/2/2021 12:44 PM
120	20 years	3/2/2021 12:43 PM
121	15	3/2/2021 12:42 PM
122	around 15	3/2/2021 12:41 PM
123	3	3/2/2021 12:39 PM
124	5	3/2/2021 12:35 PM
125	20	3/2/2021 12:34 PM
126	35 years	3/2/2021 12:34 PM
127	18	3/2/2021 12:30 PM
128	12	3/2/2021 12:28 PM
129	10	3/2/2021 12:28 PM
130	5	3/2/2021 12:28 PM
131	3	3/2/2021 12:27 PM
132	34	3/2/2021 12:27 PM
133	13	3/2/2021 12:27 PM

ESTRO community survey - Putting ESTRO's added value into focus

134	1	3/2/2021 12:25 PM
135	10	3/2/2021 12:25 PM
136	about 10 years	3/2/2021 12:25 PM
137	8	3/2/2021 12:25 PM
138	More than 8 years	3/2/2021 12:25 PM
139	7	3/2/2021 12:23 PM
140	10	3/2/2021 12:23 PM
141	2	3/2/2021 12:23 PM
142	+9	3/2/2021 12:23 PM
143	20	3/2/2021 12:22 PM
144	3	3/2/2021 12:21 PM
145	5	3/2/2021 12:21 PM
146	About 6-8	3/1/2021 9:54 AM
147	> 10 years	2/26/2021 12:03 PM
148	1	2/26/2021 9:22 AM
149	3	2/26/2021 2:03 AM
150	15	2/25/2021 2:44 PM
151	1	2/25/2021 9:11 AM
152	20	2/25/2021 8:51 AM
153	15	2/24/2021 1:24 PM
154	5	2/23/2021 8:39 PM
155	15	2/23/2021 5:39 PM
156	12	2/23/2021 5:04 PM
157	for several years	2/23/2021 4:42 PM
158	About 20	2/23/2021 10:45 AM
159	15-20	2/23/2021 10:35 AM
160	1	2/23/2021 10:00 AM
161	15	2/23/2021 9:36 AM
162	10	2/22/2021 4:24 PM
163	2 YEARS	2/22/2021 2:08 PM
164	10	2/22/2021 11:56 AM
165	2	2/22/2021 11:03 AM
166	>10	2/22/2021 10:36 AM
167	3	2/22/2021 9:37 AM
168	1	2/22/2021 9:23 AM
169	22	2/21/2021 6:28 PM
170	20 years	2/21/2021 3:14 PM
171	20	2/21/2021 1:39 PM

ESTRO community survey - Putting ESTRO's added value into focus

172	4	2/21/2021 10:58 AM
173	more than 20 years allowing for inefficiencies	2/20/2021 10:59 PM
174	20	2/20/2021 7:50 PM
175	10	2/20/2021 12:57 PM
176	20	2/20/2021 11:51 AM
177	2	2/20/2021 11:47 AM
178	>25	2/20/2021 8:20 AM
179	5	2/19/2021 8:36 PM
180	23	2/19/2021 7:33 PM
181	>25 years	2/19/2021 5:17 PM
182	2	2/19/2021 2:35 PM
183	15	2/19/2021 1:19 PM
184	20	2/19/2021 1:04 PM
185	almost since ESTRO began	2/19/2021 12:39 PM
186	>20 years	2/19/2021 12:06 PM
187	5	2/19/2021 11:10 AM
188	3	2/19/2021 10:19 AM
189	5	2/19/2021 9:51 AM
190	More than 25 years?!	2/19/2021 9:46 AM
191	10	2/19/2021 9:10 AM
192	30	2/19/2021 8:40 AM
193	6	2/19/2021 8:32 AM
194	> 30 anos	2/19/2021 8:31 AM
195	4	2/19/2021 8:03 AM
196	15	2/19/2021 7:27 AM
197	2	2/19/2021 4:46 AM
198	I was a member but not now, after COVID-19.	2/19/2021 1:32 AM
199	10	2/18/2021 11:28 PM
200	3 years + a few times in earlier years	2/18/2021 10:38 PM
201	10	2/18/2021 10:22 PM
202	10	2/18/2021 9:48 PM
203	3	2/18/2021 9:25 PM
204	9	2/18/2021 9:23 PM
205	30	2/18/2021 8:07 PM
206	3	2/18/2021 7:52 PM
207	4	2/18/2021 7:18 PM
208	15	2/18/2021 7:15 PM
209	2	2/18/2021 7:06 PM

ESTRO community survey - Putting ESTRO's added value into focus

210	4	2/18/2021 7:03 PM
211	I believe I was recruited to membership of ESTRO by Manu van der Scheuren and Mike Peckham before the 1982 London conference	2/18/2021 6:53 PM
212	15	2/18/2021 6:51 PM
213	2	2/18/2021 6:51 PM
214	4	2/18/2021 6:38 PM
215	20	2/18/2021 6:15 PM
216	15	2/18/2021 5:44 PM
217	6	2/18/2021 5:42 PM
218	20	2/18/2021 5:41 PM
219	10	2/18/2021 5:38 PM
220	10	2/18/2021 5:30 PM
221	15	2/18/2021 5:30 PM
222	31	2/18/2021 5:25 PM
223	17 years	2/18/2021 5:24 PM
224	> 15	2/18/2021 5:13 PM
225	20	2/18/2021 5:09 PM
226	Almost my whole career. I'd like to use this field to express my disappointment in how ESTRO is dealing with Covid related issues and last meeting. There were 3 options to cope with different cost of online and normal meeting. Me and my colleagues who chose reimbursement are still waiting. ESTRO is not answering our emails, is not informing why we didn't receive money back. It's very frustrating.	2/18/2021 4:52 PM
227	10	2/18/2021 4:38 PM
228	12	2/18/2021 4:30 PM
229	4	2/18/2021 4:18 PM
230	3	2/18/2021 4:08 PM
231	5	2/18/2021 4:02 PM
232	13	2/18/2021 3:52 PM
233	intermittently 20y	2/18/2021 3:49 PM
234	25	2/18/2021 3:46 PM
235	5-10	2/18/2021 3:42 PM
236	>10	2/18/2021 3:20 PM
237	> 15	2/18/2021 3:11 PM
238	10	2/18/2021 3:10 PM
239	10	2/18/2021 3:09 PM
240	5	2/18/2021 3:07 PM
241	15	2/18/2021 3:05 PM
242	35	2/18/2021 3:04 PM
243	15	2/18/2021 3:02 PM
244	22	2/18/2021 2:54 PM

ESTRO community survey - Putting ESTRO's added value into focus

245	20	2/18/2021 2:52 PM
246	4	2/18/2021 2:48 PM
247	Since 2019	2/18/2021 2:44 PM
248	4	2/18/2021 2:44 PM
249	10+	2/18/2021 2:41 PM
250	This is the 3th years	2/18/2021 2:34 PM
251	15	2/18/2021 2:24 PM
252	2	2/18/2021 2:14 PM
253	more than 20	2/18/2021 2:05 PM
254	15	2/18/2021 2:03 PM
255	20	2/18/2021 1:53 PM
256	5	2/18/2021 1:51 PM
257	5	2/18/2021 1:48 PM
258	? more than 10 years probably	2/18/2021 1:46 PM
259	5	2/18/2021 1:44 PM
260	2 years	2/18/2021 1:44 PM
261	25	2/18/2021 1:42 PM
262	8	2/18/2021 1:41 PM
263	5	2/18/2021 1:33 PM
264	5	2/18/2021 1:32 PM
265	30	2/18/2021 1:28 PM
266	5	2/18/2021 1:27 PM
267	18yr(?)	2/18/2021 1:26 PM
268	3	2/18/2021 1:25 PM
269	12	2/18/2021 1:24 PM
270	more than 35 years I think	2/18/2021 1:24 PM
271	cca 10	2/18/2021 1:21 PM
272	5	2/18/2021 1:21 PM
273	17	2/18/2021 1:19 PM
274	5	2/18/2021 1:17 PM
275	5 years	2/18/2021 1:17 PM
276	Less than 5	2/18/2021 1:16 PM
277	20 years	2/18/2021 1:15 PM
278	4	2/18/2021 1:15 PM
279	?	2/18/2021 1:14 PM
280	Since foundation	2/18/2021 1:14 PM
281	3	2/18/2021 1:10 PM
282	20	2/18/2021 1:10 PM

ESTRO community survey - Putting ESTRO's added value into focus

283	More than 20 years	2/18/2021 1:09 PM
284	15	2/18/2021 1:07 PM
285	10	2/18/2021 1:06 PM
286	20	2/18/2021 1:05 PM
287	3-4 years	2/18/2021 1:04 PM
288	8	2/18/2021 1:03 PM
289	20	2/18/2021 1:02 PM
290	3	2/18/2021 1:02 PM
291	Been member for last 5 years, but resigned at end of 2020.	2/18/2021 1:02 PM
292	about 20	2/18/2021 1:02 PM
293	3	2/18/2021 1:02 PM
294	<1	2/18/2021 1:01 PM
295	Founding member 40+ years	2/18/2021 1:01 PM
296	15	2/18/2021 1:00 PM
297	6	2/18/2021 12:59 PM
298	3	2/18/2021 12:59 PM
299	3	2/18/2021 12:59 PM
300	20	2/18/2021 12:59 PM
301	More than 20 years	2/18/2021 12:58 PM
302	5	2/18/2021 12:58 PM
303	2	2/18/2021 12:56 PM
304	14	2/17/2021 4:55 PM
305	7	2/17/2021 10:26 AM
306	8	2/16/2021 12:30 PM
307	3	2/16/2021 9:48 AM
308	5	2/15/2021 5:29 PM
309	1	2/15/2021 8:18 AM
310	2	2/15/2021 6:16 AM
311	On and off for 15 years	2/13/2021 12:14 PM
312	8 years	2/13/2021 2:38 AM
313	22	2/12/2021 5:14 PM
314	Almost 10 years	2/12/2021 2:52 PM
315	12	2/12/2021 12:45 PM
316	2	2/12/2021 12:04 PM
317	10 or more	2/12/2021 1:47 AM
318	30	2/11/2021 5:25 PM
319	30	2/11/2021 4:55 PM
320	since 2000	2/11/2021 3:37 PM

ESTRO community survey - Putting ESTRO's added value into focus

321	14	2/11/2021 2:02 PM
322	not sure, on-off since 2003, but more than 10 consecutive	2/11/2021 11:29 AM
323	5	2/11/2021 10:49 AM
324	15	2/10/2021 9:19 PM
325	2	2/10/2021 8:41 PM
326	4	2/10/2021 7:35 PM
327	2	2/10/2021 7:30 PM
328	10 years	2/10/2021 6:11 PM
329	5	2/10/2021 4:10 PM
330	10	2/10/2021 4:10 PM
331	15	2/10/2021 3:58 PM
332	I'm not sure if I paid for 2021. I'm a member for more than 15 years with possible gaps in a sense of not paying the membership fee.	2/10/2021 3:47 PM
333	15	2/10/2021 2:53 PM
334	17	2/10/2021 1:46 PM
335	25	2/10/2021 12:35 PM
336	27	2/10/2021 12:02 PM
337	5	2/10/2021 11:31 AM
338	20	2/10/2021 11:22 AM
339	one year	2/10/2021 9:15 AM
340	Around 25 years	2/10/2021 7:03 AM
341	15	2/10/2021 3:03 AM
342	17 years	2/10/2021 12:05 AM
343	2	2/9/2021 11:13 PM
344	20	2/9/2021 10:44 PM
345	15 yrs	2/9/2021 9:36 PM
346	3 years	2/9/2021 7:21 PM
347	20	2/9/2021 6:36 PM
348	2009-...	2/9/2021 6:21 PM
349	30	2/9/2021 4:56 PM
350	more than 10 years, I guess	2/9/2021 4:03 PM
351	? 10 years	2/9/2021 4:02 PM
352	almost 5	2/9/2021 3:52 PM
353	>10 Years	2/9/2021 3:46 PM
354	?	2/9/2021 3:18 PM
355	6	2/9/2021 2:41 PM
356	37	2/9/2021 2:26 PM
357	more than 20 years	2/9/2021 2:21 PM
358	more than 20	2/9/2021 1:57 PM

ESTRO community survey - Putting ESTRO's added value into focus

359	about 20 years (now through an institutional membership)	2/9/2021 1:49 PM
360	>10	2/9/2021 1:24 PM
361	30	2/9/2021 1:17 PM
362	20	2/9/2021 1:08 PM
363	8	2/9/2021 12:53 PM
364	23	2/9/2021 12:39 PM
365	about 25, felt: for ages	2/9/2021 12:25 PM
366	20	2/9/2021 11:57 AM
367	26	2/9/2021 11:52 AM
368	more than 15 years	2/9/2021 11:43 AM
369	4-5	2/9/2021 11:24 AM
370	25	2/9/2021 11:03 AM
371	10	2/9/2021 10:49 AM
372	3	2/9/2021 10:41 AM
373	2 consecutive plus 2 non consecutive as a student	2/9/2021 10:08 AM
374	16	2/9/2021 9:39 AM
375	20	2/9/2021 9:38 AM
376	7	2/9/2021 9:22 AM
377	9	2/9/2021 9:10 AM
378	16	2/9/2021 9:02 AM
379	approx. 20	2/9/2021 8:43 AM
380	10-11 years	2/9/2021 8:31 AM
381	at least 15 years	2/9/2021 8:27 AM
382	15	2/9/2021 8:25 AM
383	20	2/9/2021 8:23 AM
384	More than 20	2/9/2021 8:16 AM
385	10+	2/9/2021 8:11 AM
386	10	2/9/2021 8:10 AM
387	2	2/9/2021 7:52 AM
388	30	2/9/2021 7:48 AM
389	30	2/9/2021 7:26 AM
390	15	2/9/2021 7:12 AM
391	This is probably my third or fourth year, years not in a row.	2/9/2021 6:28 AM
392	Maybe, more than 20years.	2/9/2021 3:56 AM
393	8	2/9/2021 2:41 AM
394	for 4years	2/9/2021 2:25 AM
395	3	2/9/2021 2:14 AM
396	7	2/9/2021 1:35 AM

ESTRO community survey - Putting ESTRO's added value into focus

397	15	2/9/2021 1:23 AM
398	8	2/9/2021 1:23 AM
399	3	2/9/2021 1:14 AM
400	1	2/9/2021 12:19 AM
401	1	2/8/2021 11:24 PM
402	10	2/8/2021 11:22 PM
403	0.1	2/8/2021 11:06 PM
404	39	2/8/2021 10:56 PM
405	20+	2/8/2021 10:40 PM
406	20	2/8/2021 10:09 PM
407	20	2/8/2021 10:04 PM
408	more than 20	2/8/2021 9:32 PM
409	Last year and several more 15 years ago.	2/8/2021 9:23 PM
410	>10 years	2/8/2021 9:17 PM
411	21	2/8/2021 9:13 PM
412	18	2/8/2021 9:02 PM
413	Affiliate member via ACPSEM: 3 years	2/8/2021 8:54 PM
414	Approx. 15	2/8/2021 8:54 PM
415	Mote than 5.	2/8/2021 8:44 PM
416	3	2/8/2021 8:44 PM
417	More than 15 years	2/8/2021 8:32 PM
418	30	2/8/2021 8:28 PM
419	10	2/8/2021 8:25 PM
420	10	2/8/2021 8:13 PM
421	9	2/8/2021 8:09 PM
422	10	2/8/2021 8:05 PM
423	03	2/8/2021 7:53 PM
424	10	2/8/2021 7:51 PM
425	Since 2001	2/8/2021 7:50 PM
426	7	2/8/2021 7:38 PM
427	10	2/8/2021 7:31 PM
428	7	2/8/2021 7:28 PM
429	15	2/8/2021 7:27 PM
430	> 5 y	2/8/2021 7:26 PM
431	8	2/8/2021 7:25 PM
432	15+	2/8/2021 7:20 PM
433	> 20j	2/8/2021 7:11 PM
434	2	2/8/2021 7:10 PM

ESTRO community survey - Putting ESTRO's added value into focus

435	14	2/8/2021 7:07 PM
436	about 15 years	2/8/2021 6:51 PM
437	30	2/8/2021 6:46 PM
438	Approximately 10 years	2/8/2021 6:44 PM
439	10	2/8/2021 6:42 PM
440	More than 10 years	2/8/2021 6:39 PM
441	3	2/8/2021 6:39 PM
442	5	2/8/2021 6:35 PM
443	26	2/8/2021 6:33 PM
444	30	2/8/2021 6:33 PM
445	8 years	2/8/2021 6:32 PM
446	12	2/8/2021 6:31 PM
447	12	2/8/2021 6:25 PM
448	10	2/8/2021 6:24 PM
449	18	2/8/2021 6:23 PM
450	2	2/8/2021 6:17 PM
451	20	2/8/2021 6:15 PM
452	4	2/8/2021 6:15 PM
453	16	2/8/2021 6:07 PM
454	at least 15 years	2/8/2021 6:07 PM
455	ca 15 years	2/8/2021 6:07 PM
456	>20 years	2/8/2021 6:06 PM
457	About 20 years.	2/8/2021 6:01 PM
458	Two	2/8/2021 5:58 PM
459	5	2/8/2021 5:53 PM
460	5	2/8/2021 5:48 PM
461	20	2/8/2021 5:44 PM
462	For intermittants 20 years	2/8/2021 5:39 PM
463	14	2/8/2021 5:39 PM
464	10 years off and on	2/8/2021 5:39 PM
465	> 20	2/8/2021 5:31 PM
466	My company has been an ESTRO sponsor for over 10 years.	2/8/2021 5:29 PM
467	2	2/8/2021 5:29 PM
468	Don't remember	2/8/2021 5:27 PM
469	About 10	2/8/2021 5:24 PM
470	12 years	2/8/2021 5:24 PM
471	4	2/8/2021 5:20 PM
472	>25 years	2/8/2021 5:19 PM

ESTRO community survey - Putting ESTRO's added value into focus

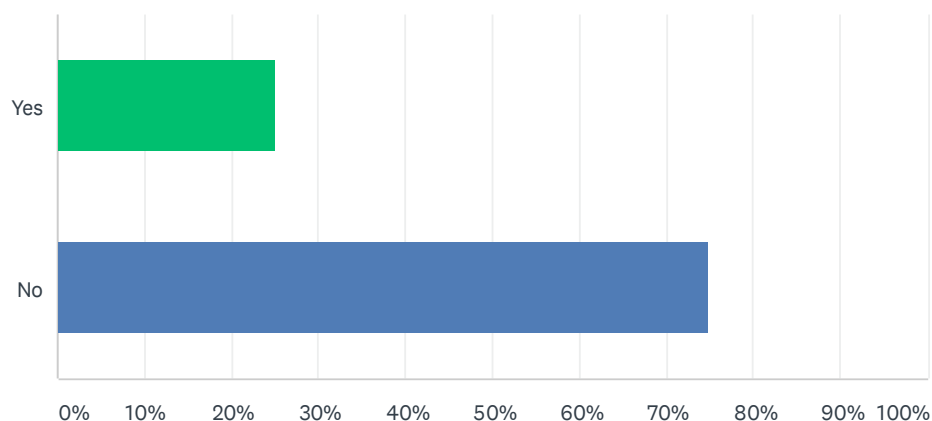
473	2	2/8/2021 5:17 PM
474	10	2/8/2021 5:15 PM
475	10	2/8/2021 5:09 PM
476	15	2/8/2021 5:07 PM
477	25	2/8/2021 5:07 PM
478	15	2/8/2021 5:06 PM
479	8	2/8/2021 5:05 PM
480	7	2/8/2021 5:04 PM
481	more than 20yrs	2/8/2021 4:59 PM
482	4	2/8/2021 4:57 PM
483	from my training in 1991.	2/8/2021 4:57 PM
484	18	2/8/2021 4:55 PM
485	18	2/8/2021 4:55 PM
486	15	2/8/2021 4:53 PM
487	6	2/8/2021 4:51 PM
488	5 years or even more	2/8/2021 4:51 PM
489	6	2/8/2021 4:51 PM
490	Since 1995	2/8/2021 4:50 PM
491	9	2/8/2021 4:48 PM
492	20	2/8/2021 4:48 PM
493	10	2/8/2021 4:46 PM
494	About 8	2/8/2021 4:46 PM
495	15	2/8/2021 4:46 PM
496	35	2/8/2021 4:45 PM
497	9	2/8/2021 4:43 PM
498	4	2/8/2021 4:39 PM
499	7	2/8/2021 4:38 PM
500	15	2/8/2021 4:35 PM
501	35	2/8/2021 4:35 PM
502	20	2/8/2021 4:33 PM
503	one	2/8/2021 4:33 PM
504	approximately 10	2/8/2021 4:33 PM
505	6	2/8/2021 4:33 PM
506	7	2/8/2021 4:32 PM
507	14	2/8/2021 4:32 PM
508	30	2/8/2021 4:32 PM
509	2	2/8/2021 4:31 PM
510	9	2/8/2021 4:31 PM

ESTRO community survey - Putting ESTRO's added value into focus

511	21	2/8/2021 4:30 PM
512	2	2/8/2021 4:30 PM
513	more than 15	2/8/2021 4:30 PM
514	10	2/8/2021 4:29 PM
515	30	2/8/2021 4:29 PM
516	I'll be "retiring" within the next few months and won't be attending any events this year.	2/8/2021 4:28 PM
517	11	2/8/2021 4:28 PM
518	4	2/8/2021 4:28 PM
519	16 years	2/8/2021 4:27 PM
520	25	2/8/2021 4:27 PM
521	3	2/8/2021 4:27 PM
522	2	2/8/2021 4:27 PM
523	10+ years	2/8/2021 4:26 PM
524	2	2/8/2021 4:26 PM
525	1	2/8/2021 4:26 PM
526	30	2/8/2021 4:26 PM
527	I have been member for 2 years	2/8/2021 4:26 PM
528	10	2/8/2021 4:26 PM
529	6	2/8/2021 4:25 PM
530	4	2/8/2021 4:25 PM
531	1.5	2/8/2021 4:24 PM
532	5	2/8/2021 4:24 PM

Q6 Do you currently hold or have you previously held an active position within the society (e.g. committee member, taskforce member, ESTRO school speaker, congress speaker, etc.)?

Answered: 700 Skipped: 4



ANSWER CHOICES	RESPONSES	
Yes	25.14%	176
No	74.86%	524
TOTAL		700

#	IF YES, WOULD YOU GIVE US MORE DETAILS ON YOUR POSITION?	DATE
1	ESTRO school speaker: Comprehensive Quality Management in radiotherapy	3/8/2021 11:22 AM
2	board member speaker committee member	3/7/2021 11:20 AM
3	teacher in ESTRO course, course director, committee member	3/5/2021 9:04 AM
4	Board member, phys. cie., education council, courses	3/4/2021 9:44 PM
5	Congress speaker, Falcon tutor	3/3/2021 7:26 PM
6	Have been invited to speak at congress	3/3/2021 4:26 PM
7	I participated for e-poster presentation	3/3/2021 2:59 PM
8	young committee member, observer on the physics committee	3/3/2021 2:13 PM
9	estro school speaker	3/3/2021 12:52 PM
10	national member for the danish association of radiographers	3/3/2021 9:20 AM
11	Nat. repr for the Swedish society	3/3/2021 7:28 AM
12	Once I was invited and I have presented a talk on a premeeting course on patient immobilisation I have participated in the ESTRO committee on a consensus meeting on normal tissue toxicity.	3/2/2021 8:38 PM
13	congress speaker once	3/2/2021 4:22 PM
14	EPTN	3/2/2021 4:02 PM
15	committee member, taskforce member, congress speaker	3/2/2021 3:13 PM
16	Radiobiology Committee	3/2/2021 2:27 PM

ESTRO community survey - Putting ESTRO's added value into focus

17	Congress Speaker	3/2/2021 1:52 PM
18	Invited speaker	3/2/2021 1:17 PM
19	Teaching course / member of faculty / course director paed radiooncology	3/2/2021 1:05 PM
20	yes and no, I have presented many times eposter and poster and invited for a talk to the companies employee about clinical experience and specific technical topics.	3/2/2021 1:05 PM
21	congress speaker	3/2/2021 1:04 PM
22	I have presented (both oral/poster) on ESTRO conferences.	3/2/2021 12:56 PM
23	RTT committee member, NSC committee member, invited congress speaker, SAG member	3/2/2021 12:55 PM
24	committee member, taskforce member, ESTRO school speaker, congress speaker,	3/2/2021 12:46 PM
25	congress speaker	3/2/2021 12:43 PM
26	Past President	3/2/2021 12:34 PM
27	Member of BRAPHYQS	3/2/2021 12:28 PM
28	Speaker ESTRO meets ASIA Singapore 2018	3/2/2021 12:28 PM
29	retired senior medical physicist	3/2/2021 12:27 PM
30	Chairman and co-chairman	3/2/2021 12:27 PM
31	SAG for the annoual meeting	3/2/2021 12:22 PM
32	Member	3/2/2021 12:21 PM
33	congress speaker,	2/27/2021 8:52 AM
34	congress speaker, course diector of pre-meeting course, Estro workshop faculty member, workshop attendee, chair at annual meeting	2/26/2021 12:03 PM
35	congress speaker	2/25/2021 8:51 AM
36	Development of the 4th edition of the European Society for Radiotherapy and Oncology Core Curriculum for Radiation Oncology/Radiotherapy (ESTRO curriculum with a Clinical Oncology module	2/23/2021 5:04 PM
37	Teacher, ESTRO school + congress speaker 2-3 times	2/23/2021 10:45 AM
38	earlier RTT committee member, ESTRO RTT congress chair, reviewer and speaker currently tipsRT editorial member and abstract reviewer	2/23/2021 10:35 AM
39	GEC-ESTRO Breast Cancer WG, Skin Cancer WG, one-course speaker, invited congress speaker	2/23/2021 9:36 AM
40	committee member, conference speaker, scientific committee for conference	2/22/2021 2:40 PM
41	EiC ctRO	2/21/2021 1:39 PM
42	committee member, course director, congress speaker	2/20/2021 7:50 PM
43	GEC ESTRO vaginal cancer Task group	2/19/2021 7:33 PM
44	CO-chair of annual ESTRO meeting, chair of physics committee, participating in two courses, numerous lectures and presentations during the last 30 years.	2/19/2021 5:17 PM
45	I attend congress, but not speaker	2/19/2021 1:19 PM
46	Many	2/19/2021 12:39 PM
47	Education Committee	2/19/2021 8:40 AM
48	local organizer ESTRO Courses; Member national societies;	2/19/2021 8:31 AM
49	ESTEO meets ASIA	2/19/2021 4:46 AM
50	Congress speaker	2/18/2021 7:18 PM

ESTRO community survey - Putting ESTRO's added value into focus

51	Presentations at early ESTRO conferences - London and Amsterdam.	2/18/2021 6:53 PM
52	Committee member, congress speaker	2/18/2021 6:15 PM
53	congress speaker, ESTRO school	2/18/2021 5:44 PM
54	As invited panel speaker a couple of times.	2/18/2021 5:30 PM
55	I did one teaching course and a couple of oral presentations as invited speaker but I would love to do more and to get more participation at ESTRO	2/18/2021 5:24 PM
56	congress speaker	2/18/2021 5:09 PM
57	Congress speaker	2/18/2021 4:30 PM
58	Young group co-chair Young track chair Educational committee member FALCON chair ESTRO teacher	2/18/2021 3:52 PM
59	Regular speaker conferences	2/18/2021 3:42 PM
60	national repr. for Sweden in ETSRO/UEMS	2/18/2021 3:20 PM
61	membre of ROSQC and course leader Patient safety course	2/18/2021 3:10 PM
62	Teacher, radiobiology board, Taskforce, speaker	2/18/2021 3:02 PM
63	Faculty of ESTRO School since 2012 member of task force for IORT congress speak and chairman of sessions	2/18/2021 2:05 PM
64	FALCON course prostate cancer	2/18/2021 1:46 PM
65	Board member Course director	2/18/2021 1:42 PM
66	Deputy head	2/18/2021 1:28 PM
67	occasional congress speaker, training session	2/18/2021 1:26 PM
68	Member of the GEC-ESTRO H&N and skin Committee	2/18/2021 1:24 PM
69	Chairman of scientifc committee of annual meating Speaker and organization of teacher courses	2/18/2021 1:24 PM
70	Pre-conference course speaker; national representative	2/18/2021 1:21 PM
71	Faculty member, ex course director, congress speaker	2/18/2021 1:19 PM
72	Estro school	2/18/2021 1:17 PM
73	Congress speaker	2/18/2021 1:17 PM
74	GEC-ESTRO Chairman WG leader ESTRO-ACROP Committee member	2/18/2021 1:14 PM
75	Congress speaker	2/18/2021 1:09 PM
76	congress speaker/chair	2/18/2021 1:07 PM
77	Committee member, Taskforce member and ESTRO school speaker	2/18/2021 1:06 PM
78	RTT committee member, congres speaker	2/18/2021 1:04 PM
79	Congress speaker on occasions	2/18/2021 1:02 PM
80	congress speaker	2/18/2021 1:02 PM
81	Congress Speaker at ESTRO annual conferences 2014 and 2017.	2/18/2021 1:02 PM
82	ESTRO school speaker; congress speaker, conference(s) Scientific program chairman, preconference courses responsible, conference abstracts reviewer etc	2/18/2021 1:02 PM
83	Have done it all, from president and down (Jens O)	2/18/2021 1:01 PM
84	Congress speaker	2/18/2021 12:58 PM
85	I just presented an abstract with a poster	2/16/2021 12:30 PM

ESTRO community survey - Putting ESTRO's added value into focus

86	Committee member, ESTRO school, congress speaker	2/12/2021 5:14 PM
87	I have been twice a congress speaker.	2/12/2021 2:52 PM
88	Board member	2/12/2021 12:45 PM
89	presentations, posters during ESRT0 meeting and presentation during pre-meeting course	2/12/2021 12:04 PM
90	Congress speaker, member of GEC_ESTRO Group	2/11/2021 4:55 PM
91	Well, I guess that anonymity goes down the drain if I say that I am director of ESTRO School???	2/11/2021 3:37 PM
92	ESTRO school teacher	2/11/2021 11:29 AM
93	Congress speaker in 2018	2/10/2021 4:10 PM
94	congress speaker ESTRO GRENADE	2/10/2021 3:58 PM
95	Teacher	2/10/2021 2:53 PM
96	Faculty ESTRO physics for modern Rt course Uro-GEc group and guidelines work	2/10/2021 11:22 AM
97	congress speaker	2/10/2021 10:35 AM
98	Mexican Board for Certification in Radiation Oncology	2/9/2021 10:08 PM
99	Young ESTRO committee member (and therefor RTT Committee member). Faculty member of the ESTRO SBRT Course and P&I Course	2/9/2021 7:21 PM
100	EPTN member, congress speaker	2/9/2021 6:36 PM
101	Board member GECESTRO	2/9/2021 4:56 PM
102	congress speaker	2/9/2021 3:52 PM
103	member RTTC	2/9/2021 2:41 PM
104	School teacher, congress speaker	2/9/2021 2:21 PM
105	School speaker/teacher	2/9/2021 2:08 PM
106	On several occasions chair of session and (invited) speaker in ESTRO (ni)annual meetings Organizer and teacher Physics workshop. Now active as member of ACROP	2/9/2021 1:49 PM
107	physics committee member	2/9/2021 1:24 PM
108	HERO, QUARTS, Board/president	2/9/2021 1:17 PM
109	estro - falcon member	2/9/2021 12:53 PM
110	congress speaker when I still worked in university	2/9/2021 12:25 PM
111	GEC-ESTRO committee, scientific committee, ESTRO school speaker, congress speaker, scientific committee, scientific planning committee, scientific advisory group, etc.. some as chairperson	2/9/2021 11:57 AM
112	Usually member, previous congress speaker	2/9/2021 11:55 AM
113	congress speaker	2/9/2021 11:43 AM
114	RTT committee member	2/9/2021 8:31 AM
115	Board member, school teacher	2/9/2021 8:25 AM
116	President of Guild of Bulgarian Radiotherapists	2/9/2021 8:16 AM
117	ACROP and clinical committee	2/9/2021 7:48 AM
118	congress speaker	2/9/2021 2:25 AM
119	Member of Organizational Development and Enterpreneurships workgroup in Indonesian RO Society	2/9/2021 1:23 AM
120	I've presented at ESTRO meetings, but not as a representative of ESTRO.	2/9/2021 1:14 AM

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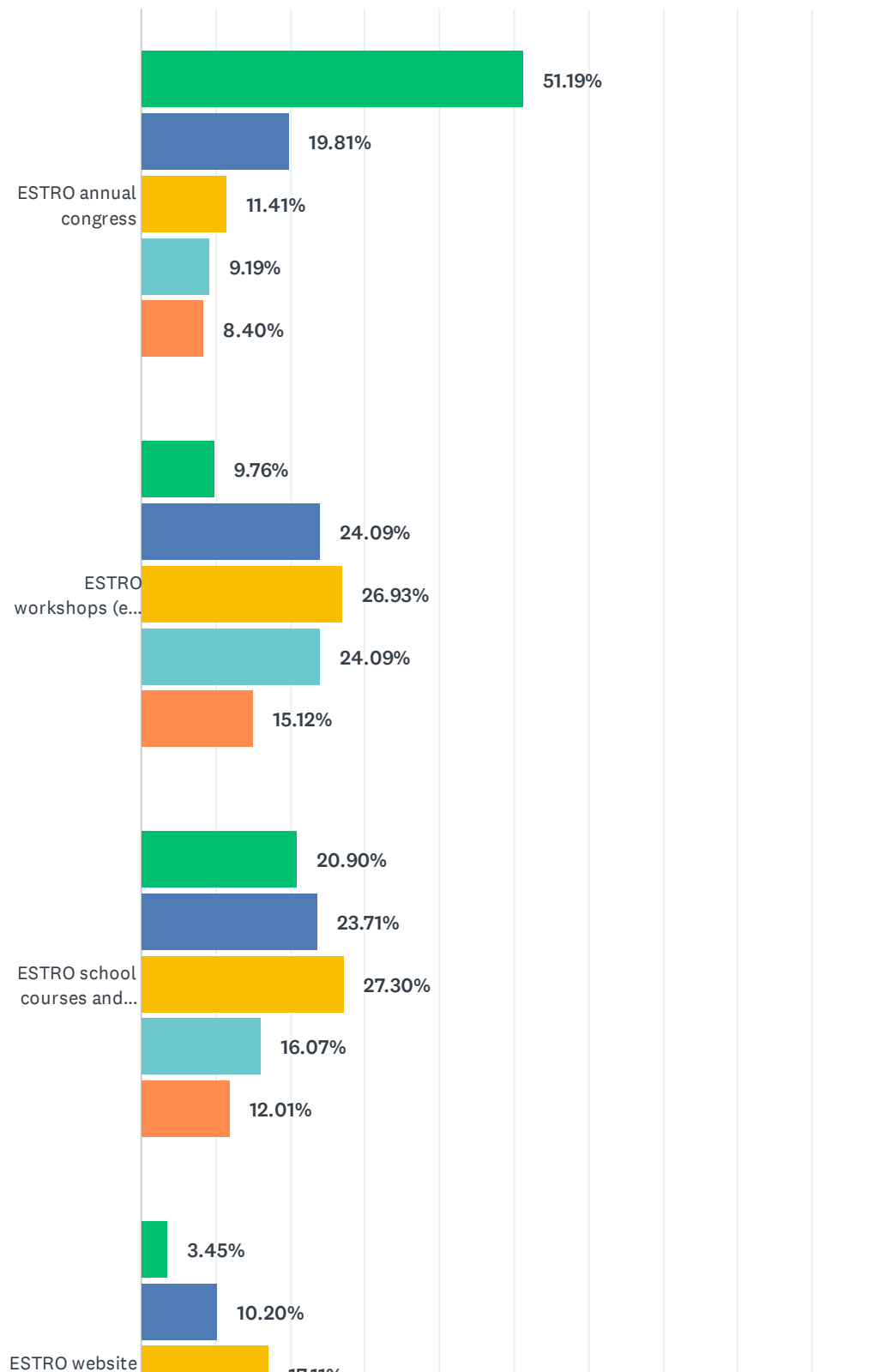
121	ESTRO school speaker 1998-2005; co-edited 'Physics Corner' in the Newsletter for several years;	2/8/2021 10:56 PM
122	ESTRO school speaker	2/8/2021 9:02 PM
123	Committee member, taskforce member, congress speaker	2/8/2021 8:54 PM
124	Abstract Reviewer, congress speaker, EORTC GU and Lymph groups	2/8/2021 8:32 PM
125	ESTRO Board Member	2/8/2021 8:28 PM
126	Course director	2/8/2021 7:50 PM
127	WROTE REVIEW FOR AMSTERDAM IMRT MEETING	2/8/2021 7:32 PM
128	physics SAG	2/8/2021 7:28 PM
129	occasional speaker	2/8/2021 7:20 PM
130	Past President	2/8/2021 6:46 PM
131	Teaching course faculty (lower GI); ESTRO annual meeting pre-meeting course organizer/chair; invited ESTRO annual meeting speaker & session chair; ESTRO annual meeting abstract review	2/8/2021 6:44 PM
132	Teacher, inv conf, presenter, task force	2/8/2021 6:42 PM
133	if congress speaker refers to invited talks/ presentation yes, however I do not hold any formal role in committees or task forces etc	2/8/2021 6:39 PM
134	Syllabus	2/8/2021 6:33 PM
135	invited speaker	2/8/2021 6:31 PM
136	Speaker, nur rarely	2/8/2021 6:23 PM
137	soms time ago: congress speaker, ESTRO school speaker	2/8/2021 6:07 PM
138	EPTN member and active participant	2/8/2021 5:39 PM
139	speaker also lunch symposiums(s) host and or speaker	2/8/2021 5:39 PM
140	chairman of the session at the congress	2/8/2021 5:29 PM
141	RTTC member since 2017, speaker at ESTRO Vienna 2014 and 3rd Forum Barcelona 2015	2/8/2021 5:24 PM
142	Chair Radiobiology Committee, ESTRO school speaker, congress speaker, SAG ESTRO 21 and earlier, (Co-) Chair Biology Program Committee earlier, etc.	2/8/2021 5:19 PM
143	physics committee member, chair physics track ESTRO 2021, invited congress speaker.	2/8/2021 5:07 PM
144	Congress session chair, ESTRO school speaker, congress speaker	2/8/2021 5:05 PM
145	congress speaker	2/8/2021 4:59 PM
146	I have been council during 6 years of the Gec Estro society by European election. I have been local organizer of the ESTRO Courses, I am working in with the Head and neck and Gyne working Groups of the GEC-ESTRO. I have participate in 2 Guidelines. I have been representative for ESTRO from ALATRO Society.	2/8/2021 4:57 PM
147	Observer in the RTT committee; FALCON teacher and tutor; invited speaker at ESTRO congress	2/8/2021 4:51 PM
148	15 years working in the hospital and now working for a commercial healthcare compagny	2/8/2021 4:46 PM
149	teacher in ESTRO courses	2/8/2021 4:45 PM
150	EPTN taskfore member	2/8/2021 4:39 PM
151	Speaker	2/8/2021 4:39 PM
152	Congress speaker	2/8/2021 4:35 PM
153	To make it short: I am Philip Poortmans	2/8/2021 4:35 PM

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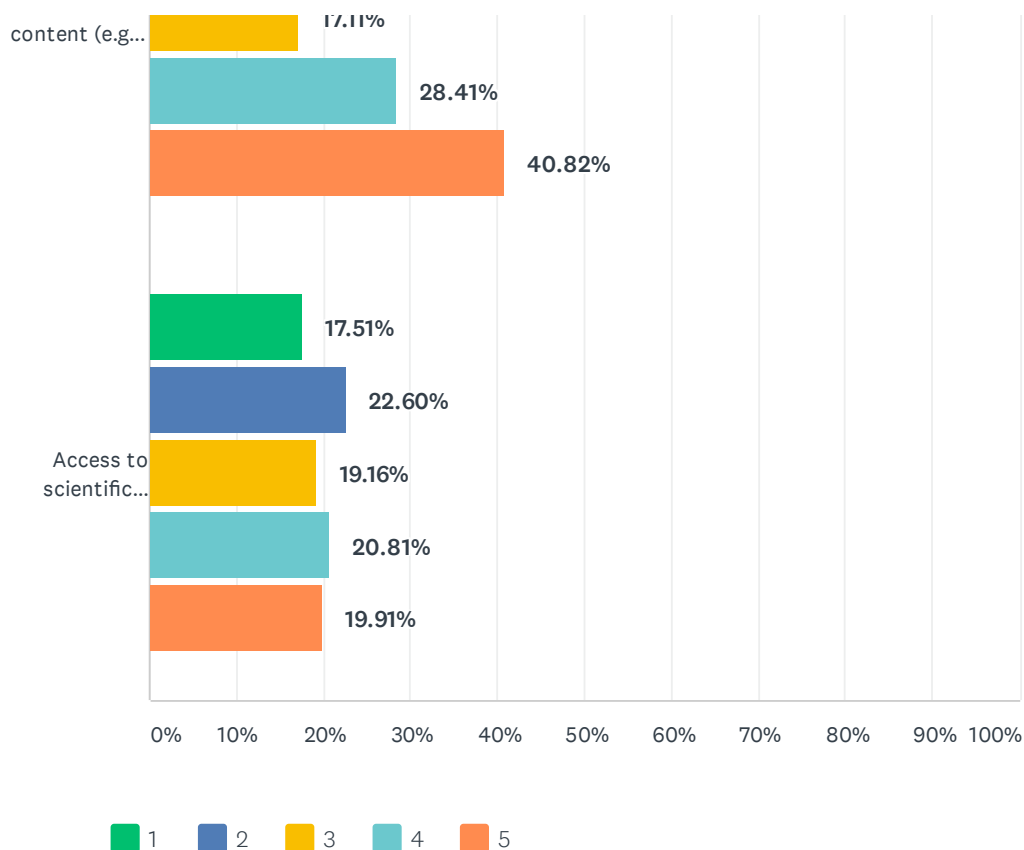
154	speaker	2/8/2021 4:33 PM
155	core curriculum team member, course organiser	2/8/2021 4:30 PM
156	yESTRO, physics committee, Agora x 2, SAG several times, abstract review, physics workshops, congress speaker several times	2/8/2021 4:28 PM
157	General secretary, teatcher, course director...	2/8/2021 4:26 PM
158	ESTRO School speaker, Congress speaker, Working Group member	2/8/2021 4:26 PM

Q7 What of the following services provided by ESTRO interest you the most? Please rank the following options (1 = most interesting ; 5 = least interesting).

Answered: 692 Skipped: 12



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	1	2	3	4	5	TOTAL	SCORE
ESTRO annual congress	51.19% 323	19.81% 125	11.41% 72	9.19% 58	8.40% 53	631	3.96
ESTRO workshops (e.g. physics workshop, GEC-ESTRO workshop)	9.76% 62	24.09% 153	26.93% 171	24.09% 153	15.12% 96	635	2.89
ESTRO school courses and contouring workshops	20.90% 134	23.71% 152	27.30% 175	16.07% 103	12.01% 77	641	3.25
ESTRO website content (e.g. newsletter, e-library, etc.)	3.45% 22	10.20% 65	17.11% 109	28.41% 181	40.82% 260	637	2.07
Access to scientific journals: Radiotherapy and Oncology (The Green Journal), Clinical and Translational Radiation Oncology (ctRO), Physics and Imaging in Radiation Oncology (phiRO), Technical Innovations and Patient Support in Radiation Oncology (tipsRO)	17.51% 117	22.60% 151	19.16% 128	20.81% 139	19.91% 133	668	2.97

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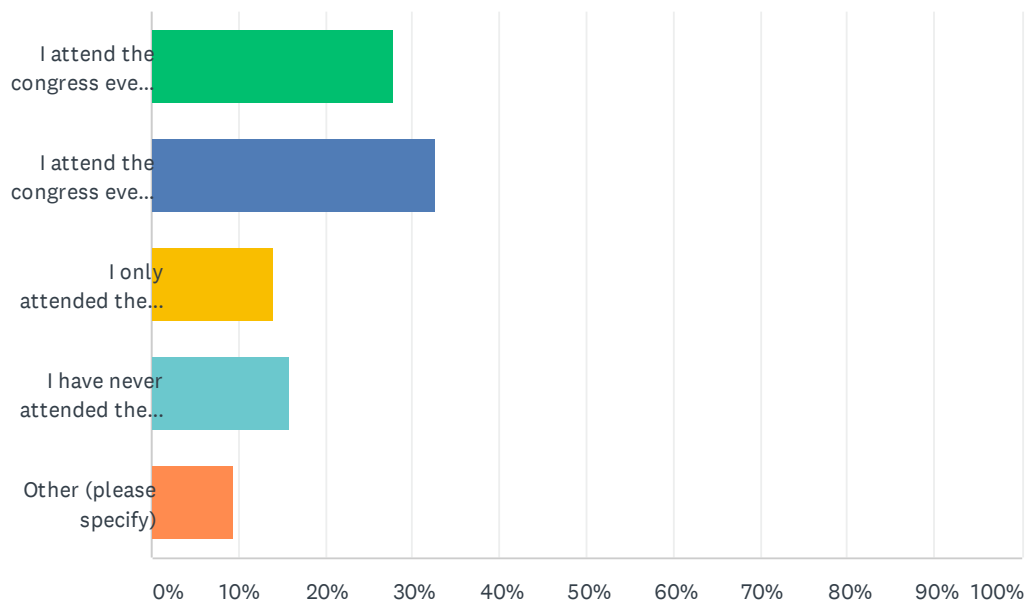
BASIC STATISTICS					
	MINIMUM	MAXIMUM	MEDIAN	MEAN	STANDARD DEVIATION
ESTRO annual congress	1.00	5.00	1.00	2.04	1.32
ESTRO school courses and contouring workshops	1.00	5.00	3.00	2.75	1.28
Access to scientific journals: Radiotherapy and Oncology (The Green Journal), Clinical and Translational Radiation Oncology (ctRO), Physics and Imaging in Radiation Oncology (phiRO), Technical Innovations and Patient Support in Radiation Oncology (tipsRO)	1.00	5.00	3.00	3.03	1.39
ESTRO workshops (e.g. physics workshop, GEC-ESTRO workshop)	1.00	5.00	3.00	3.11	1.21
ESTRO website content (e.g. newsletter, e-library, etc.)	1.00	5.00	4.00	3.93	1.14

ESTRO Annual Congress



Q8 How often do you usually attend the ESTRO congress?

Answered: 696 Skipped: 8



ANSWER CHOICES	RESPONSES	
I attend the congress every year	27.87%	194
I attend the congress every other year	32.61%	227
I only attended the ESTRO congress once	14.08%	98
I have never attended the ESTRO Congress	15.95%	111
Other (please specify)	9.48%	66
TOTAL		696

#	OTHER (PLEASE SPECIFY)	DATE
1	less than every other year: when it is possible, depending on the other physicists in my team.	3/8/2021 11:24 AM
2	I attended the ESTRO congress 4 times	3/8/2021 9:51 AM
3	according to the needs of the departement	3/5/2021 5:00 PM
4	about every 3-4 years	3/5/2021 3:01 PM
5	As much as we can from the point of developing countries	3/3/2021 11:31 AM
6	5 times	3/3/2021 10:17 AM
7	I've attended a few congresses, both Estro and GEC-Estro. The last time was six years ago though	3/3/2021 9:41 AM
8	This year I intend to attend	3/2/2021 5:30 PM
9	I try to attend the congress every year but as my department rarely pays for in training members, I must say the online version makes it easier!	3/2/2021 4:01 PM
10	A few times, but not lately	3/2/2021 2:56 PM

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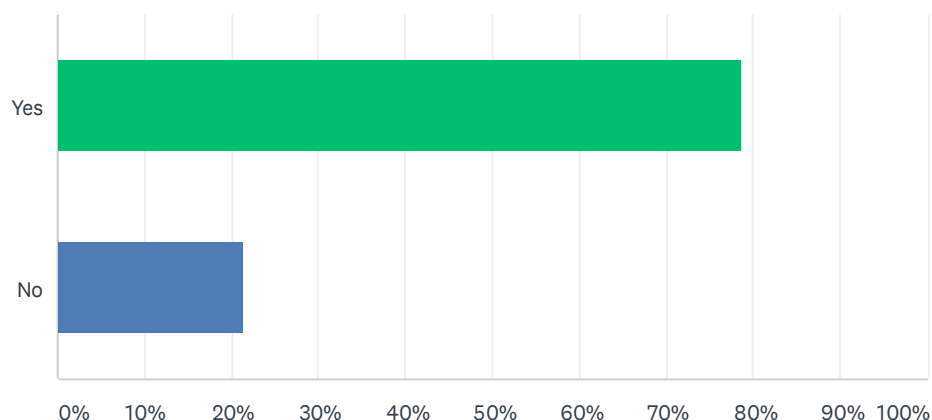
11	Would love to attend congresss each year or as often as I could but we are many at my work who want to attend so...	3/2/2021 2:19 PM
12	Every 2-3 years	3/2/2021 2:03 PM
13	When it is possible for me	3/2/2021 1:07 PM
14	twice	3/2/2021 1:04 PM
15	several times, but not on a regular basis	3/2/2021 12:51 PM
16	Every 3 years	3/2/2021 12:44 PM
17	About 3 times	3/2/2021 12:26 PM
18	I attend the congress more or less once every 4 years	3/2/2021 12:24 PM
19	attended only the in-situ congress, not online	3/2/2021 12:21 PM
20	Attended thrice	3/1/2021 9:55 AM
21	I have joined the congress aprox. 5 times over the last 15 years	2/26/2021 9:23 AM
22	I attend when I can, but no specific time frame. I have attended the congress twice.	2/26/2021 2:07 AM
23	Every 3 or 4 years	2/20/2021 11:00 PM
24	I have attended all biennial physics meetings since 1991 and many ESTRO annual meetings too since early 2000.	2/19/2021 5:18 PM
25	i,ve attended 3 times, because I need financing	2/19/2021 1:21 PM
26	Maybe every 3 years	2/18/2021 11:28 PM
27	Every 2 years	2/18/2021 7:21 PM
28	Attended several conferences during 1980s and 1990s, but none recently.	2/18/2021 6:54 PM
29	Every four years	2/18/2021 6:22 PM
30	The content of the congress can be boring. There is little novelty. Few randomized trials. Few biology behind	2/18/2021 5:25 PM
31	every year if I can find founds	2/18/2021 4:52 PM
32	Every couple of years	2/18/2021 4:39 PM
33	every 5 years	2/18/2021 2:55 PM
34	I have attended 4 times	2/18/2021 2:42 PM
35	I am probably the only one who have attended every Estro meeting - including the founding one.	2/18/2021 1:04 PM
36	I attended the ESTRO congresses in 2014 and 2017 when Abstracts of mine were selected for talks.	2/18/2021 1:03 PM
37	I attend the congress every once every three year	2/12/2021 12:05 PM
38	Every other year until COVID19 hit	2/12/2021 1:48 AM
39	Depends on the moment and the planning of ASTRO	2/11/2021 2:03 PM
40	I attend the congress every 3 or 4 years	2/11/2021 12:43 PM
41	I reckon every 1-5 years during my career so far.	2/10/2021 8:44 PM
42	3 in 15 years	2/10/2021 7:36 PM
43	I try to attend congress every year if I can find the founding.	2/10/2021 3:48 PM
44	3 x	2/10/2021 12:35 PM
45	once each 3-7 year	2/9/2021 3:56 PM

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46	no standard	2/9/2021 2:40 PM
47	it depends on how much budget is left every year to attend congresses	2/9/2021 2:00 PM
48	I attend irregularly, and have attended 4 times	2/9/2021 1:38 PM
49	I try to attend the congress when we have something to present	2/9/2021 11:30 AM
50	I attended several times in the past years but since it is very expensive I have not been attending for a long time	2/9/2021 11:04 AM
51	4-5 times in 13 years	2/9/2021 10:42 AM
52	2 or 3 times	2/9/2021 10:03 AM
53	I attended the ESTRO congress twice	2/9/2021 8:35 AM
54	My attendance is dependent on scientific output - e.g. poster presentation - because it is the only way to get grants to cover all the fees and travel costs. Thus, it might be possible to attend every other year or less frequently.	2/9/2021 6:32 AM
55	2	2/9/2021 1:23 AM
56	Retired in 2015. Now only attend the ESTRO Congress if invited with financial help.	2/8/2021 10:58 PM
57	6	2/8/2021 9:15 PM
58	about every 5 years	2/8/2021 6:52 PM
59	If possible, every year	2/8/2021 6:40 PM
60	have attended a few times (3?)	2/8/2021 6:08 PM
61	I attended the ESTRO congress twice	2/8/2021 5:52 PM
62	I attended the congress several times, but no longer the last 10 years due to subspecialisation and institutional duties in neuro-oncology	2/8/2021 4:47 PM
63	Once every three years	2/8/2021 4:35 PM
64	once every 3-4 years	2/8/2021 4:33 PM
65	As & when I can get funding (~5 congresses over 20 years)	2/8/2021 4:29 PM
66	Attended three times over twelve years I think.	2/8/2021 4:27 PM

Q9 Would you like to attend the congress more frequently?

Answered: 367 Skipped: 337



ANSWER CHOICES	RESPONSES
Yes	78.75% 289
No	21.25% 78
TOTAL	367

#	COMMENT	DATE
1	Not at these venues	3/6/2021 6:51 PM
2	a online platform would falicitate	3/5/2021 5:02 PM
3	Every third year or so	3/3/2021 9:45 AM
4	There is little educational footprint as presetaion material is not available on website. ESTRO 2020 was slightly different, available online for short period of time. Personally, that time period was the worst Covid load in my hospital so I had little time to view e-presentations. For my participation fee I got virtually nothing. Would it be difficult to keep educational material online on your website in the same fashion as ASTRO? At least selected presentations? Our medical oncology colleagues get much more support from ESMO.	3/2/2021 9:21 PM
5	Virtual congress is easy to attend because no traveling necessary	3/2/2021 7:27 PM
6	I do have numbers of research works and presentations, that I will submit for presentation in annual congress	3/2/2021 5:35 PM
7	see previous comment	3/2/2021 4:02 PM
8	Duration is Long and costs are high	3/2/2021 3:30 PM
9	The main problem is time and financial constraints.	3/2/2021 3:16 PM
10	When going every year, the level of novelty in the presentations is limited	3/2/2021 2:41 PM
11	It's also expensive - other of the department should also have the possiblity to go to the annual congress	3/2/2021 12:47 PM
12	For me, it is ok to alternate between the congress and some course	3/2/2021 12:44 PM
13	but only in-situ	3/2/2021 12:24 PM
14	I liked the virtual congress in 2020. It would be good if the congress can be held virtually along side the live event every year.	2/26/2021 2:09 AM

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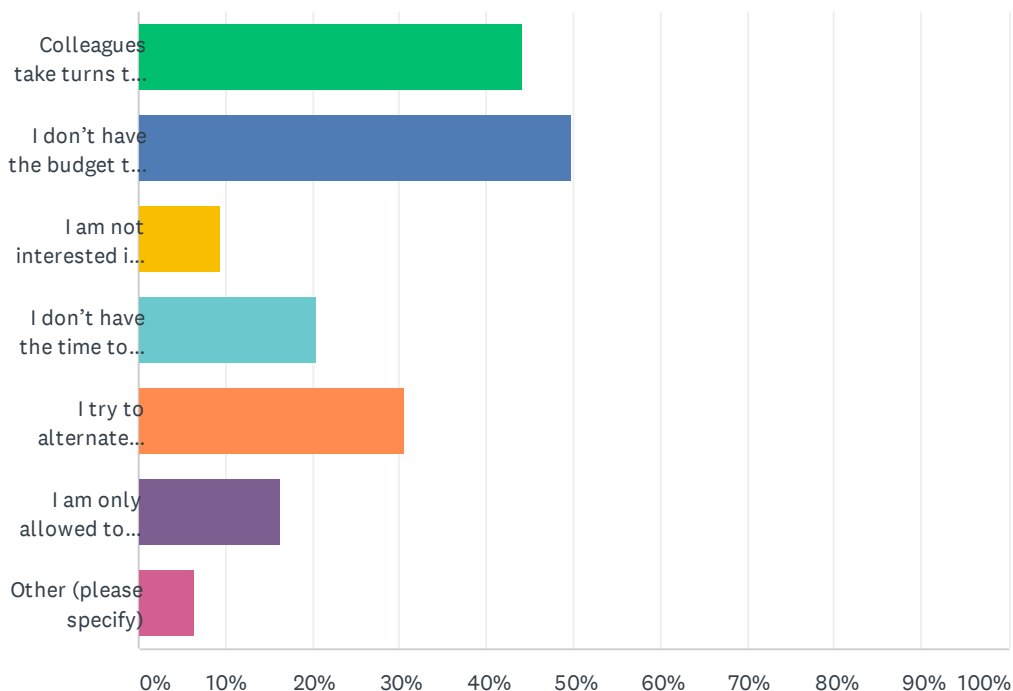
15	I have not been able to attend It annually due to other obligations. I attend ASTRO in alternate years	2/23/2021 10:49 AM
16	Once a year is appropriate	2/23/2021 9:40 AM
17	travel distances & costs COVID	2/20/2021 11:01 PM
18	I'd like attend always	2/19/2021 1:23 PM
19	Like to focus on disease or topic oriented	2/19/2021 9:49 AM
20	If the content presents novelty	2/18/2021 5:26 PM
21	depends on the availability of congress venue, and of my budget	2/18/2021 3:55 PM
22	next year retired	2/18/2021 3:09 PM
23	To attend the congress is expensive.	2/18/2021 2:25 PM
24	can not do - I attend all	2/18/2021 1:08 PM
25	Too far to travel from Australia	2/12/2021 1:50 AM
26	It's expensive and there are a lot of congresses ansd meetings	2/11/2021 4:56 PM
27	We are with 6 physicist in the hospital and we need to take turns.	2/11/2021 12:48 PM
28	I attend every other year	2/9/2021 3:22 PM
29	I also want to go to other conferences or physics workshops. Given that both time and money are limited, I have to chose.	2/9/2021 1:54 PM
30	depending on the accessability (transport, hotel price)	2/9/2021 12:28 PM
31	every other year is okay, otherwise talks are likely to be similar to the last year	2/9/2021 11:46 AM
32	It becomes too costly for a charity to send workers on an annual basis	2/9/2021 11:38 AM
33	Lower the congress fees. For example IASLC accepts Turkey as a developing country and both the annual membership fees and registration fees are affordable	2/9/2021 11:06 AM
34	My research topic is not exclusively radiation oncology related.	2/9/2021 10:07 AM
35	It's quite expensive - some conferences have reduced rates or even free attendance on selected days for those presenting papers or chairing a session	2/9/2021 9:08 AM
36	Online version makes it far easier and accessible to attend	2/9/2021 8:13 AM
37	I think that the congress is the best possible way to keep up with the latest advances on the field and to be in contact with other professionals.	2/9/2021 6:36 AM
38	it is very difficult to get the funding to attend the congresses	2/8/2021 9:21 PM
39	Every year	2/8/2021 8:34 PM
40	Depends on other commitments	2/8/2021 8:26 PM
41	Online access makes this possible	2/8/2021 8:11 PM
42	YOUR MEETINGS ARE EXCELLENT. BUT THE TRIP TO EUROPE IS NO LONGER EASY AS DIRECTOR, FAMILY, ETC.	2/8/2021 7:36 PM
43	see next question	2/8/2021 6:54 PM
44	One year ESTRO, the other year ASTRO	2/8/2021 6:17 PM
45	but this will depend on travel ability (and confidence with safe travel re: COVID, etc - things are not as good as we hoped for 2021) and the location of the congress	2/8/2021 6:13 PM
46	when it is available online, I would attend every year	2/8/2021 6:10 PM
47	It would be nice to attend every year, but then I have to waste too much energy organizing the funds.	2/8/2021 5:46 PM
48	... but I am afraid my budget is insufficient	2/8/2021 5:11 PM

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49	Once every other year gives me a good update of developments. Even for the online congress i have to free myself for several days, this wouldn't work every year.	2/8/2021 4:36 PM
50	prices are too high for trainees	2/8/2021 4:35 PM
51	since I alternate with other conferences	2/8/2021 4:35 PM

Q10 What prevents you from attending the ESTRO congress every year?

Answered: 369 Skipped: 335



ANSWER CHOICES	RESPONSES	
Colleagues take turns to attend scientific events (someone needs to be on call at the clinic)	44.17%	163
I don't have the budget to attend the congress every year	49.86%	184
I am not interested in attending every year, as the topics discussed are unlikely to change much	9.49%	35
I don't have the time to attend every year	20.60%	76
I try to alternate between different scientific meetings	30.62%	113
I am only allowed to attend if I submit an abstract	16.26%	60
Other (please specify)	6.50%	24
Total Respondents: 369		

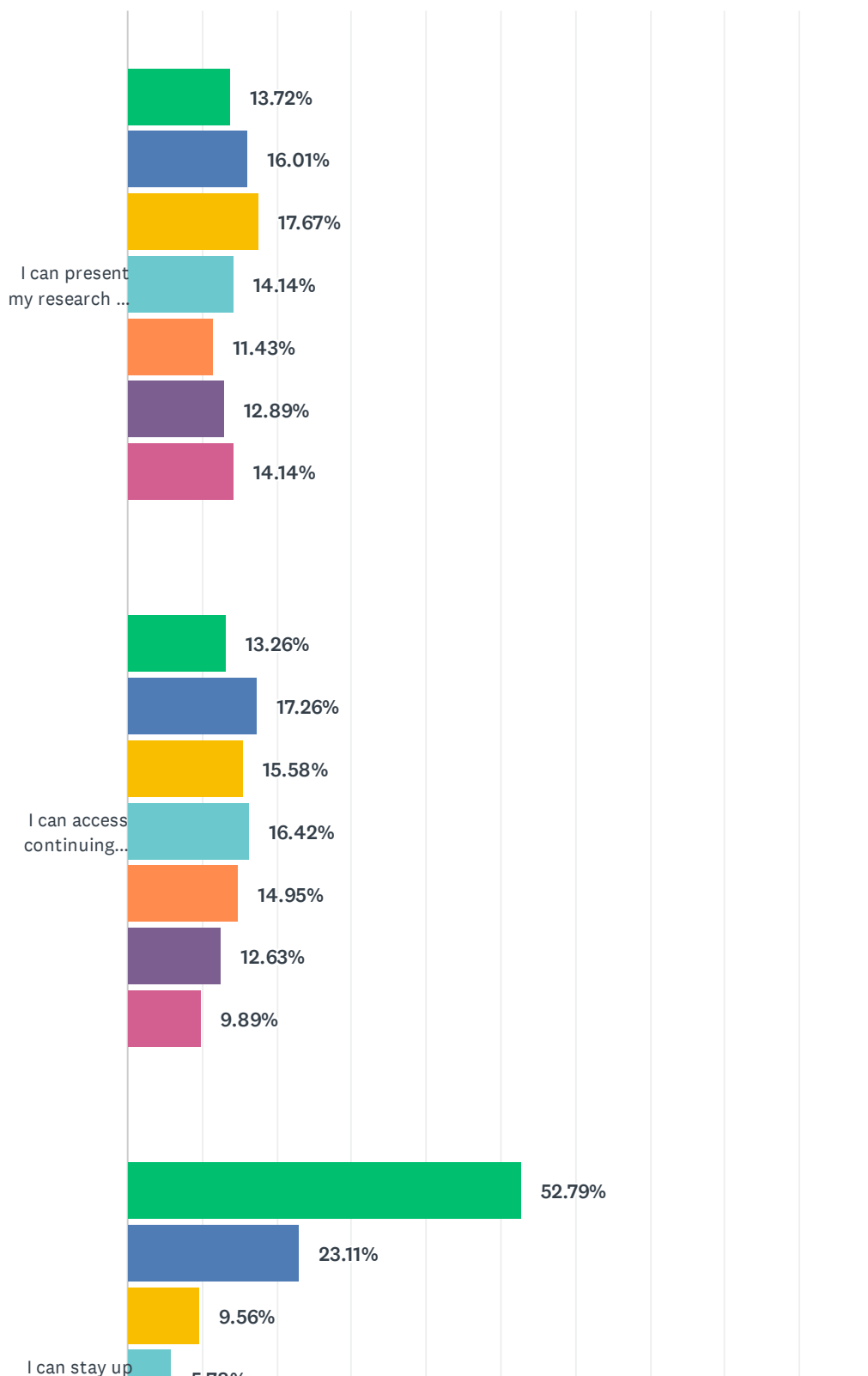
#	OTHER (PLEASE SPECIFY)	DATE
1	yESTRO refuses new blood	3/6/2021 6:51 PM
2	I try to alternate congress and courses. Budget and family prevents me from attending both	3/3/2021 9:45 AM
3	Please, see above.	3/2/2021 9:21 PM
4	I work and live in New Zealand, it is a moajor time and cost commitment to come	3/2/2021 8:07 PM
5	I attend mostly ,when I have a paper to present	3/2/2021 5:35 PM
6	I prefer browsing journal abstracts and reading articles and attending school-like events.	3/2/2021 1:07 PM
7	In my role as RTT research my manager will allow me to attend every year	3/2/2021 12:28 PM
8	online is not useful for me - not at all	3/2/2021 12:24 PM

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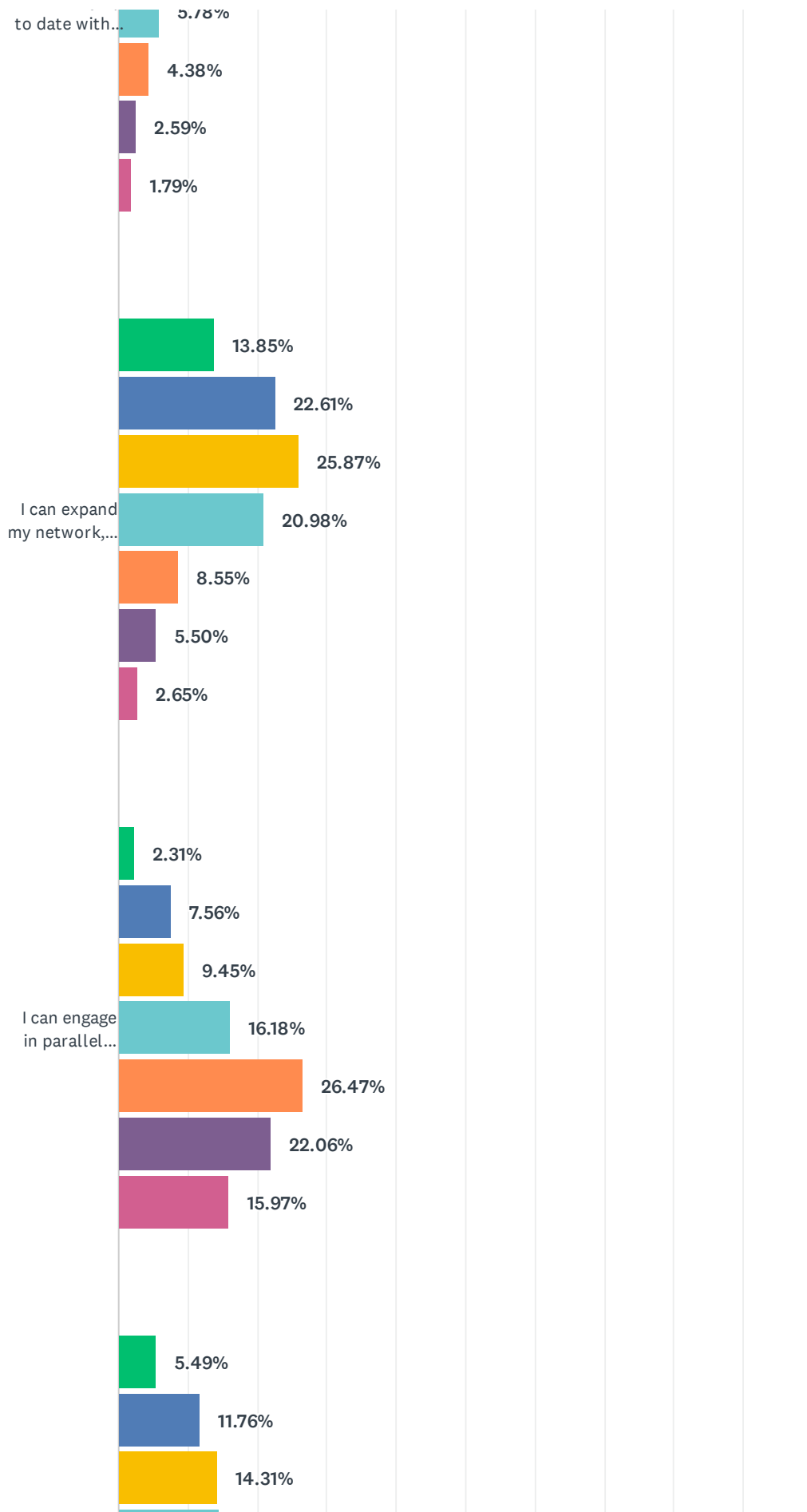
9	Too far to travel from Australia.	2/26/2021 2:09 AM
10	It is too long, too many days away	2/20/2021 11:53 AM
11	I am retired	2/19/2021 5:21 PM
12	Restrictions on funding and overseas travel limited my opportunities after about 1996 limited opportunities	2/18/2021 7:01 PM
13	nothing - I will be there	2/18/2021 1:08 PM
14	Distance	2/12/2021 1:50 AM
15	I am only allowed to attend if abstract is accepted	2/10/2021 3:50 PM
16	Getting the overpaid money back from last year's in-person to virtual congress hasn't happened yet.	2/10/2021 12:13 PM
17	I prefer going to the Estro in het northern countries	2/9/2021 3:58 PM
18	Long distance to travel	2/9/2021 1:25 AM
19	Based in Australia - big trip!	2/9/2021 1:16 AM
20	COVID	2/9/2021 12:21 AM
21	Since retirement my interest is decreasing year by year.	2/8/2021 11:02 PM
22	Travel and time	2/8/2021 8:11 PM
23	allowed to go if presenting or in spare time	2/8/2021 6:42 PM
24	COVID-19	2/8/2021 5:12 PM

Q11 What aspects of attending the ESTRO annual congress do you find most interesting? Please rank the options below (1 = most interesting ; 7 = least interesting).

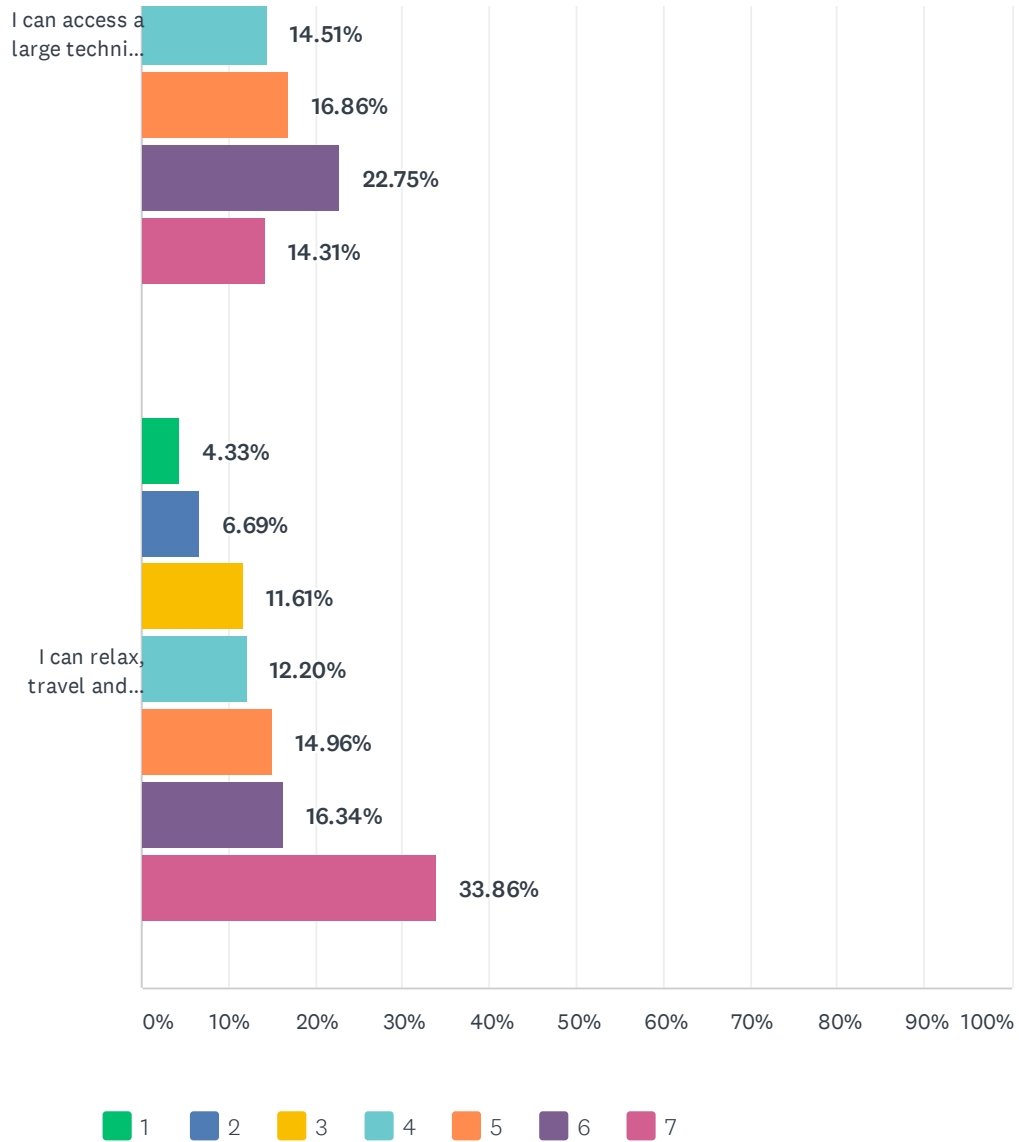
Answered: 543 Skipped: 161



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ESTRO community survey - Putting ESTRO's added value into focus



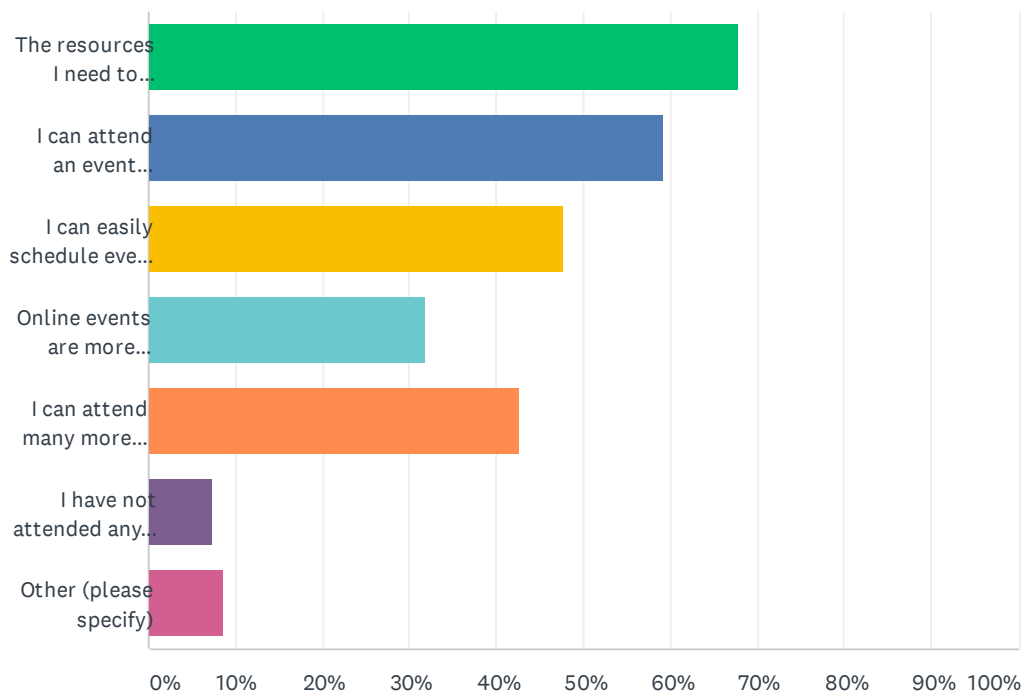
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	1	2	3	4	5	6	7	TOTAL	SCORE
I can present my research to the community	13.72% 66	16.01% 77	17.67% 85	14.14% 68	11.43% 55	12.89% 62	14.14% 68	481	4.11
I can access continuing education opportunities (needed for re-accreditation)	13.26% 63	17.26% 82	15.58% 74	16.42% 78	14.95% 71	12.63% 60	9.89% 47	475	4.20
I can stay up to date with the new scientific developments in my specialty	52.79% 265	23.11% 116	9.56% 48	5.78% 29	4.38% 22	2.59% 13	1.79% 9	502	5.99
I can expand my network, create new relations with colleagues and consolidate my professional connections	13.85% 68	22.61% 111	25.87% 127	20.98% 103	8.55% 42	5.50% 27	2.65% 13	491	4.85
I can engage in parallel activities, such as task forces, and working groups	2.31% 11	7.56% 36	9.45% 45	16.18% 77	26.47% 126	22.06% 105	15.97% 76	476	3.13
I can access a large technical exhibition, as well as industry-led initiatives such as symposia and product unveilings	5.49% 28	11.76% 60	14.31% 73	14.51% 74	16.86% 86	22.75% 116	14.31% 73	510	3.49
I can relax, travel and interact with colleagues from all over the world	4.33% 22	6.69% 34	11.61% 59	12.20% 62	14.96% 76	16.34% 83	33.86% 172	508	2.89

BASIC STATISTICS					
	MINIMUM	MAXIMUM	MEDIAN	MEAN	STANDARD DEVIATION
I can present my research to the community	1.00	7.00	4.00	3.89	1.99
I can access continuing education opportunities (needed for re-accreditation)	1.00	7.00	4.00	3.80	1.88
I can stay up to date with the new scientific developments in my specialty	1.00	7.00	1.00	2.01	1.45
I can expand my network, create new relations with colleagues and consolidate my professional connections	1.00	7.00	3.00	3.15	1.49
I can engage in parallel activities, such as task forces, and working groups	1.00	7.00	5.00	4.87	1.56
I can access a large technical exhibition, as well as industry-led initiatives such as symposia and product unveilings	1.00	7.00	5.00	4.51	1.79
I can relax, travel and interact with colleagues from all over the world	1.00	7.00	6.00	5.11	1.84

Q12 What do you think are the advantages of attending an online event?

Answered: 624 Skipped: 80



ANSWER CHOICES	RESPONSES	
The resources I need to invest are more limited (e.g. travel costs, accommodation, etc.)	67.79%	423
I can attend an event without spending much time away from home	59.13%	369
I can easily schedule events between my normal activities	47.76%	298
Online events are more sustainable and allow me to reduce my carbon footprint	31.89%	199
I can attend many more events when they are online	42.63%	266
I have not attended any online events in the past months	7.37%	46
Other (please specify)	8.49%	53
Total Respondents: 624		

#	OTHER (PLEASE SPECIFY)	DATE
1	Recorded lectures are useful because they may be listened to repeatedly	3/8/2021 9:56 AM
2	Everybody is supersaturated (actually fed up) with online meetings now	3/6/2021 6:54 PM
3	More focus on following sessions, no meetings	3/4/2021 9:52 PM
4	Please, see above	3/2/2021 9:27 PM
5	All the above reasons. Very practical and objective	3/2/2021 8:05 PM
6	Online events are very good, and I like to attend annual congress also	3/2/2021 5:40 PM
7	I see little value in the online events	3/2/2021 1:32 PM
8	Presential meeting will always be my favorite	3/2/2021 12:40 PM

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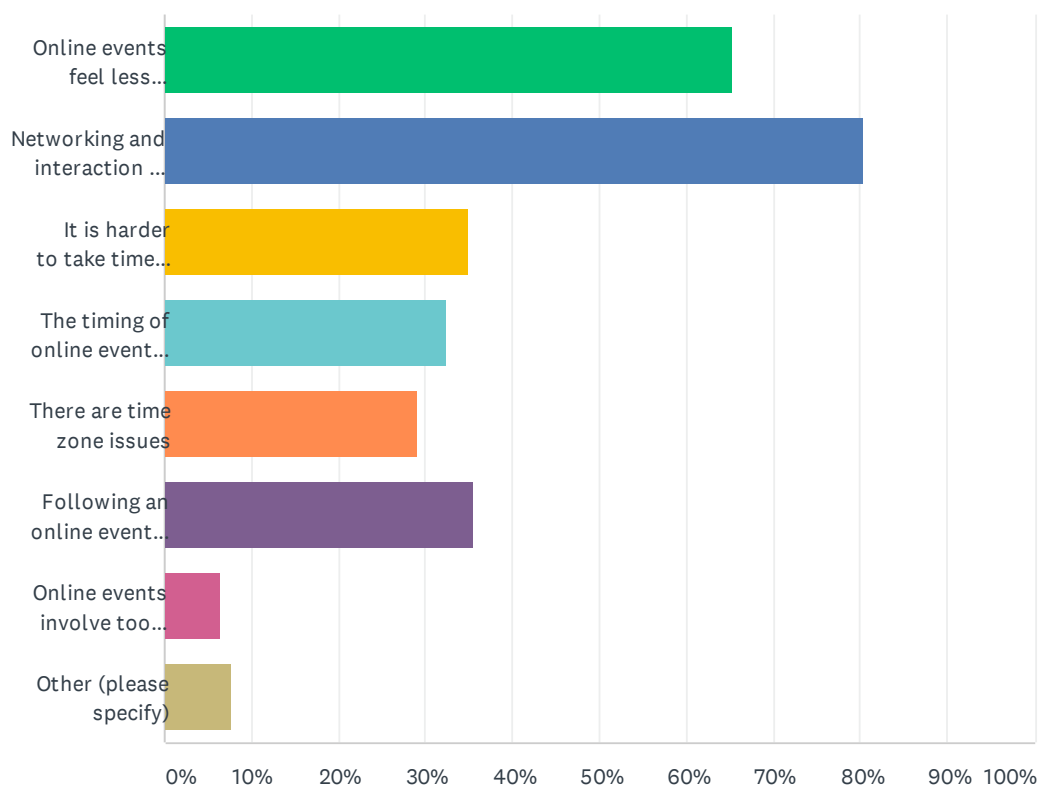
9	I see no advantage	3/2/2021 12:30 PM
10	I do not see any advantage that counts. None of my goals are achievable in online meetings.	3/2/2021 12:27 PM
11	I would prefer the events in presence, I don't like online events very much, even if they represent a saving in terms of sustainability and reduction of carbon footprint. I need personal contact.	2/23/2021 5:57 PM
12	Staying at work during such an event demands taking some days off. Online meeting is not possible for me while staying home. I'd rather travel for the congress; then I can focus on the event.	2/23/2021 9:46 AM
13	can send more people also to events that are further away from home	2/22/2021 2:45 PM
14	that is only for certain meetings, not for the annual conference, there is no alternative to physical meeting when pandemic hopefully is over	2/21/2021 1:46 PM
15	I hate Online events. I like the talking at the coffe breaks. It's the best time to share knowledge and discuss. If I travel to a meeting, I can really focus on it.	2/18/2021 7:13 PM
16	we can attend together with my colleagues in same activity	2/18/2021 2:32 PM
17	The possiblity to watch sessions afterwards (although recordings could also be organised for classical event forms).	2/18/2021 1:58 PM
18	Familyfriendly	2/18/2021 1:50 PM
19	Presentations can also be viewed at a later time.	2/18/2021 1:24 PM
20	The last meeting was in fact one of the ESTRO meetings in newer time where I have listed to most presentations (so max. access to information) - the backside was the lack of discussions with people thereafter.	2/18/2021 1:18 PM
21	I would be only interested in access to recorded session due to my time zone in Australia	2/12/2021 1:52 AM
22	For people who doesn't feel good with too many stimuli it's easier to attend online with limited noise and crowds.	2/10/2021 3:54 PM
23	No one	2/10/2021 12:06 PM
24	On line doesn't work for me - with family commitments at home its better for me to attend in person	2/10/2021 11:25 AM
25	If thera are interesting sessions planned parallel, I can watch all of them by watching ther recorded live presentations	2/9/2021 4:09 PM
26	there is a possibility to look back the lectures, more flexibility	2/9/2021 4:00 PM
27	I don't really enjoy online events. I like the live ones more because of the opportunity of interaction and I can be more focused being in the same room.	2/9/2021 2:01 PM
28	I would not expec on-line conferences to be much cheaper as industry may be less interested to invest in ESTRO	2/9/2021 1:56 PM
29	There is no advantage beyond the infection control. Online events are an error: low attendance, technical challenge, expensive. Eventually a waste of time and money	2/9/2021 1:16 PM
30	The organisation of travelling takes a lot of time, this is an advantage of online events. But generally I prefeere to travel and meet the people and be somewhere in a interesting city/ country.	2/9/2021 11:59 AM
31	live events allow to network and interact with industry. I understand live meetings are not possible due to Covid, but online meetings are a poor mans solution	2/9/2021 11:49 AM
32	I don't need to take time off work if the events are organised outside of my working hours	2/9/2021 10:12 AM
33	And it is possible to attend an event several times.	2/9/2021 8:36 AM
34	Ability to watch presentations out-of-session.	2/9/2021 1:25 AM
35	International travel to conferences is unlikely in my role, however an online event at a significantly reduced cost is possible.	2/8/2021 11:12 PM

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36	I don't like online events at all. I am unlikely to attend any.	2/8/2021 11:06 PM
37	No advantages	2/8/2021 8:32 PM
38	Lack of travel time	2/8/2021 8:28 PM
39	NOT SURE IF ONLINE IS BETTER	2/8/2021 7:37 PM
40	My colleague attended ESTRO last year and she was very satisfied	2/8/2021 7:04 PM
41	however, interaction between members of the community is severely limited	2/8/2021 6:46 PM
42	Not very interested in online events	2/8/2021 6:35 PM
43	Not having to choose between presentations, if they are simulataneous., I can watch the other later.	2/8/2021 6:23 PM
44	My main problem is that I'm not fully focused on the event because of my work and family duties. I prefer to attend one or two real time events.	2/8/2021 6:07 PM
45	I can have access to the presentations after the meeting is finished - allowing me to see more of the scientific sessions.	2/8/2021 5:55 PM
46	I can see the recordings of the talks afterwards	2/8/2021 5:45 PM
47	To date, online congresses have been somewhat limited in success for technical exhibitors.	2/8/2021 5:32 PM
48	Online events are waste of time. They cannot even remotely compare to meetings in person.	2/8/2021 5:17 PM
49	I see no advantages for online events. They are far less interesting then the real "physical event". During a online event you sit in front of the computer, a conference is much more then going to the talks. for it is 50% education and 50% amusement. It does not happen that often that we are able to have casual talks at the bar , ...	2/8/2021 4:55 PM
50	More people from my clinic can attend online than by travel and we can discuss lectures after the congress	2/8/2021 4:49 PM
51	I can (re)view several simultaneous presentations, which was great at ESTRO2020 I can (re) shedule the presentations to my own preference and need	2/8/2021 4:46 PM
52	None of the above apply. I see no advantages, except if there is no alternative like now..	2/8/2021 4:41 PM
53	as I am not a native english speaking people, it allows me to take time to listen again !!	2/8/2021 4:32 PM

Q13 What do you think are the disadvantages of attending an online event?

Answered: 623 Skipped: 81



ANSWER CHOICES	RESPONSES	
Online events feel less personal	65.33%	407
Networking and interaction are more limited	80.42%	501
It is harder to take time off to attend online events	34.99%	218
The timing of online events often conflict with my work schedule	32.42%	202
There are time zone issues	29.05%	181
Following an online event is more tiresome	35.47%	221
Online events involve too much IT	6.58%	41
Other (please specify)	7.70%	48
Total Respondents: 623		

#	OTHER (PLEASE SPECIFY)	DATE
1	No good opportunities for meeting companies	3/4/2021 9:52 PM
2	It is difficult to get familiar with new technology as presented in the exhibition. This is much easier in person.	3/4/2021 12:22 PM
3	Mix of "It is harder to take time off" and "conflict with my work schedule". Not being properly	3/3/2021 4:31 PM

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out of office/unavailable means that there is still a high expectation that you can be interrupted from the "conference" to do "real work". Means that it is hard to fully engage with the conference.

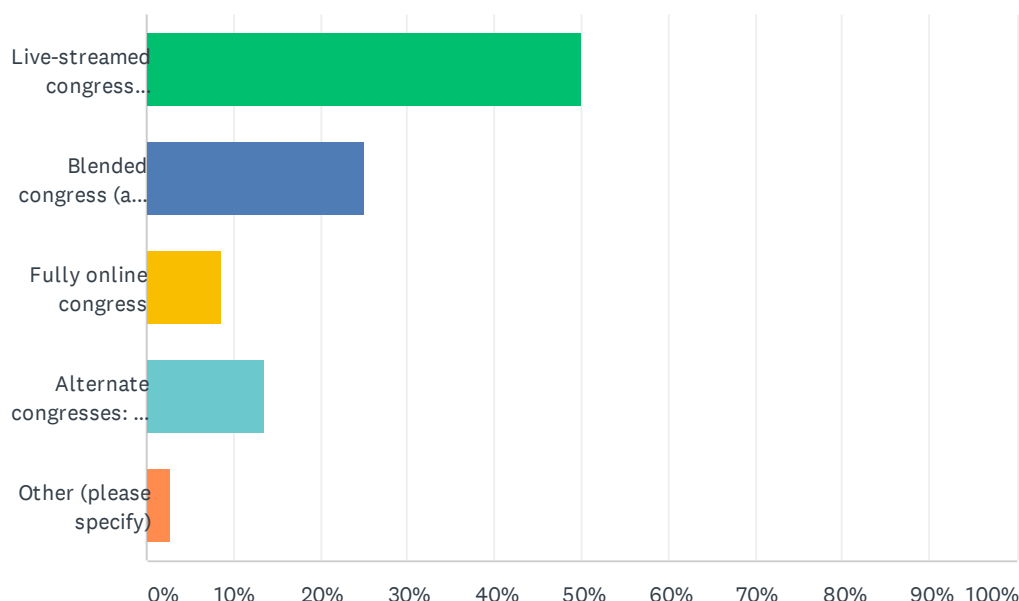
4	It's difficult to attend an online event when you have small kids at home	3/3/2021 1:00 PM
5	There aren't any!	3/3/2021 7:55 AM
6	Limited duration of access to online content. At least half a year would be appropriate.	3/2/2021 9:27 PM
7	But online event its easier to attend for me and my team on the same time	3/2/2021 8:46 PM
8	No disadvantages for me.	3/2/2021 8:05 PM
9	As I mention before online events are good however the in-person annual event are much better	3/2/2021 5:40 PM
10	I don't see any disadvantages.	3/2/2021 2:25 PM
11	I feel less focused on online event, because I'm too close to my daily routine	3/2/2021 1:30 PM
12	It is more difficulty to remain fully focussed on the event	3/2/2021 1:23 PM
13	none	3/2/2021 1:09 PM
14	Difficult to book a demo for a product	3/2/2021 12:58 PM
15	not useful at all for my priority of networking and meeting people, especially by random.	3/2/2021 12:27 PM
16	With online events catching up with emails, daily work tasks or home distractions take precedence over viewing and interacting with the event	2/22/2021 11:44 AM
17	online is a rescue for activities during the pandemic, it will never replace an ESTRO anual meeting given the focus on networking and exchange	2/21/2021 1:46 PM
18	TIME ZONE TIME ZONE TIME ZONE It is just not the same watching a presentation on your own at 4am - sleep becomes very attractive. Watching the presentations at a different time (ie not live) means you cannot interact, much less personal, and work distractions become more challenging	2/20/2021 11:04 PM
19	More difficult to focus	2/19/2021 9:53 AM
20	Its har to focus, you don't have any one beside you to discuss what you Heard...and since many Conferences are during weekends its harder to sit home than going away.... Foe wxampel national society work hads been none during last year- LONGING for physical meetings!!!	2/18/2021 3:25 PM
21	It is also costlier for us.	2/18/2021 3:11 PM
22	work schedule continues and easily distracted.	2/18/2021 1:43 PM
23	W	2/18/2021 1:26 PM
24	On line event are more less OK for the persons with an established network - the problem is for the young persons who have need to get known and to interact (there is no possibility to establish mentorship) - so we are in danger to loose a generation.	2/18/2021 1:18 PM
25	The discussion after a given talk is limited, often does not take place at all. The most important activity at a congress is to meet and talk to other people and this is not compensated by an online event.	2/18/2021 1:17 PM
26	none	2/18/2021 1:02 PM
27	They are not very attractive nor interesting	2/11/2021 4:58 PM
28	Can Adapt around time zones, then no disadvantages	2/9/2021 11:17 PM
29	less fun than traveling	2/9/2021 4:00 PM
30	Very low attendance, no value for the money, miscommunicating and technical challenges I am afraid that the long-term effect of on line events are underestimated (society will be seen as greedy, inhumane and deaf to issues)	2/9/2021 1:16 PM

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31	none	2/9/2021 12:30 PM
32	Traveling and beeing somewhere else is also nice.	2/9/2021 11:59 AM
33	If online events are scheduled during working hours, we are unable to attend unless we find a replacement and department is often already understaffed so finding a replacement is often an issue	2/9/2021 10:12 AM
34	No disadvantages	2/9/2021 8:14 AM
35	Quite simply, I don't see the point of them now I'm retired.	2/8/2021 11:06 PM
36	Human contact! Getting away from busy days, and really take a step back and think about care, research, about why we do what we do	2/8/2021 7:54 PM
37	Attending from home does not allow to fully focus on the event: focus is lost to other work/family events.	2/8/2021 7:32 PM
38	Time zone issues must be solved with IT - events must be available also afterwards, lets say for a month or so, because it might not be possible to get 5 days off work to attend the ESTRO events	2/8/2021 7:04 PM
39	It's harder to get funding for participation in online events	2/8/2021 6:44 PM
40	No product demonstrations during the commercial exhibition	2/8/2021 6:36 PM
41	It's difficult to focus on lectures, especially if there are any network problems. You can't speak to the lecturer personally.	2/8/2021 5:54 PM
42	Vendor experience such as ASTRO 2020 is that clinicians surf the congress for content they desire, exhibitor visits and content is not viewed as productive	2/8/2021 5:46 PM
43	N/A	2/8/2021 4:58 PM
44	Attending an online event means sitting in front of a computer screen. We do that already more then enough during our normal working days.	2/8/2021 4:55 PM
45	Apart from the other reasons, there interaction level & the opportunity to debate, discuss & ask questions, clarify doubts is highly limited in online events, not to mention the invaluable lunch/dinner sessions where one can pick the brains of experts outside of the usual hours & thus get more detailed discussions/answers.	2/8/2021 4:47 PM
46	It feels like "it's just virtual so you can participate" - and end up by overdoing +++ I cannot force myself to take a day off for an online event, so it just comes on top of my other work "more limited", ... is quite an understatement The interaction with people around, like from important companies, is nearly non-existing I miss travelling, exploring, real contacts, ...	2/8/2021 4:41 PM
47	It is more difficult to fcous fully on the online event	2/8/2021 4:35 PM
48	Not all presentations are prepared with the online reality in mind, i.e. in December some slides had so much information on any single one it was impossible to read.	2/8/2021 4:33 PM

Q14 If travel restrictions linked to COVID-19 were to be lifted, which format would you prefer for the ESTRO congress?

Answered: 623 Skipped: 81



ANSWER CHOICES	RESPONSES	
Live-streamed congress (face-to-face congress with the possibility to attend online)	49.92%	311
Blended congress (a congress with two separate segments: one virtual and the other in-person and live-streamed)	25.20%	157
Fully online congress	8.51%	53
Alternate congresses: one year live, one year online	13.64%	85
Other (please specify)	2.73%	17
TOTAL		623

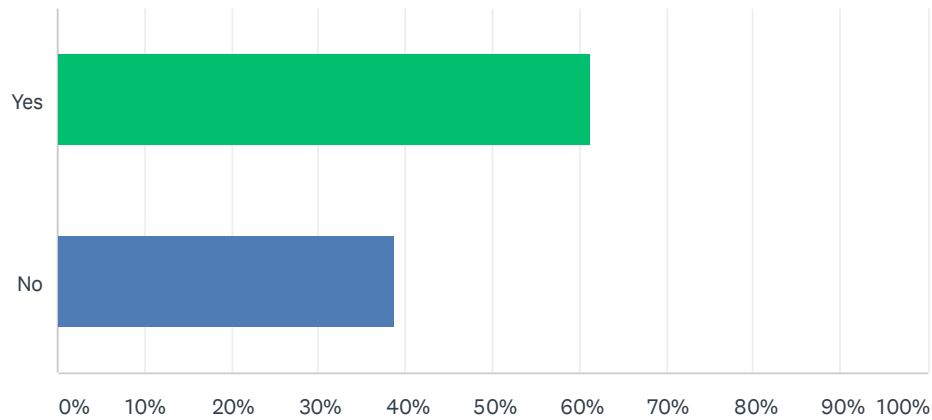
#	OTHER (PLEASE SPECIFY)	DATE
1	no idea	3/3/2021 9:20 AM
2	physical meetings!	3/3/2021 7:31 AM
3	fully live, every time	3/2/2021 12:27 PM
4	Live	2/18/2021 4:25 PM
5	Only a face-to-face congress	2/18/2021 3:38 PM
6	The old days back - but with (an additional option) to have presentations recorded and accessible on the web later.	2/18/2021 1:18 PM
7	A fully live congress, without any virtual options. If there is any virtual option, many people will not come to the live event (because the employee will not pay anymore for the more expensive live version), which does destroy the most important thing of the congress: meeting other people.	2/18/2021 1:17 PM
8	A live event, with the possibility to follow it remotely for those not able to attend in person	2/18/2021 1:05 PM

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9	You somewhere must "force" people t take time off and meet other. Recorded segment are great but should only be available later for attendees.	2/9/2021 1:16 PM
10	I prefer the live congress to interact easily with people	2/9/2021 10:52 AM
11	Fully physical participation (live)	2/9/2021 9:09 AM
12	No online congress	2/8/2021 8:32 PM
13	Live-streamed congress with online availability of presentations afterwards for some time.	2/8/2021 6:47 PM
14	fully face-to-face. If online options for all events exist, sooner or later, employers will withdraw funding and permission	2/8/2021 6:46 PM
15	fase-to-face congress	2/8/2021 5:17 PM
16	Live congresses as they were always organized in the past.	2/8/2021 4:55 PM
17	I don't see much value in the ESTRO Congress for me, personally, and so my choice is irrelevant. Very likely, I wouldn't attend it...	2/8/2021 4:47 PM

Q15 Would you attend the ESTRO annual congress every year if it was held in a different medium other than a live event?

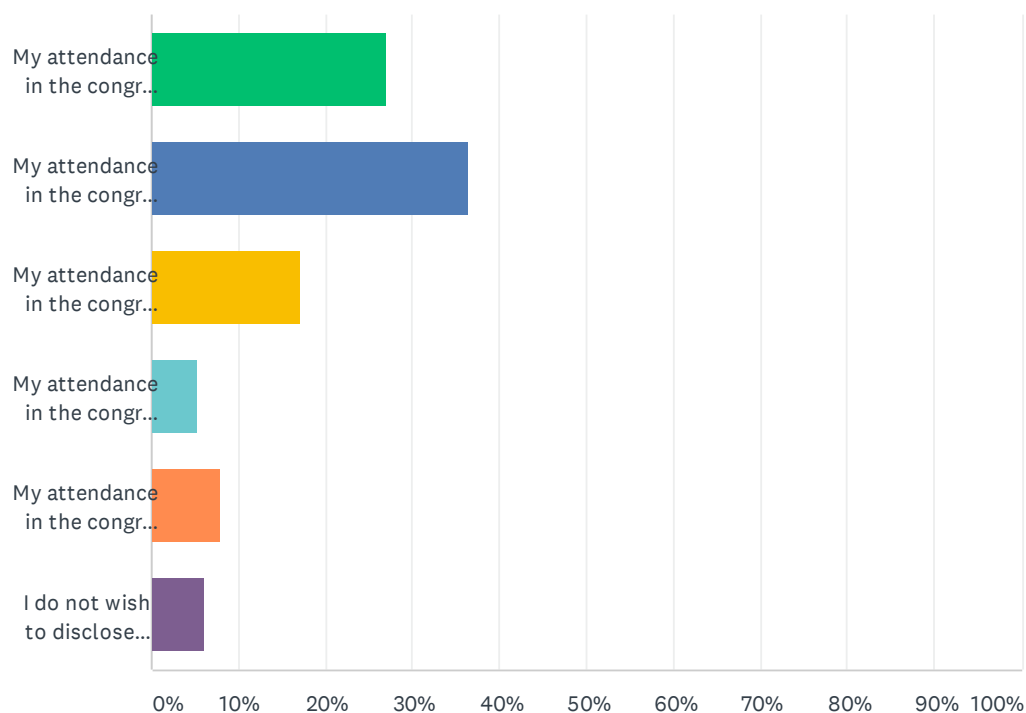
Answered: 623 Skipped: 81



ANSWER CHOICES	RESPONSES	
Yes	61.32%	382
No	38.68%	241
TOTAL		623

Q16 How do you/would you support your participation in the ESTRO congress?

Answered: 622 Skipped: 82



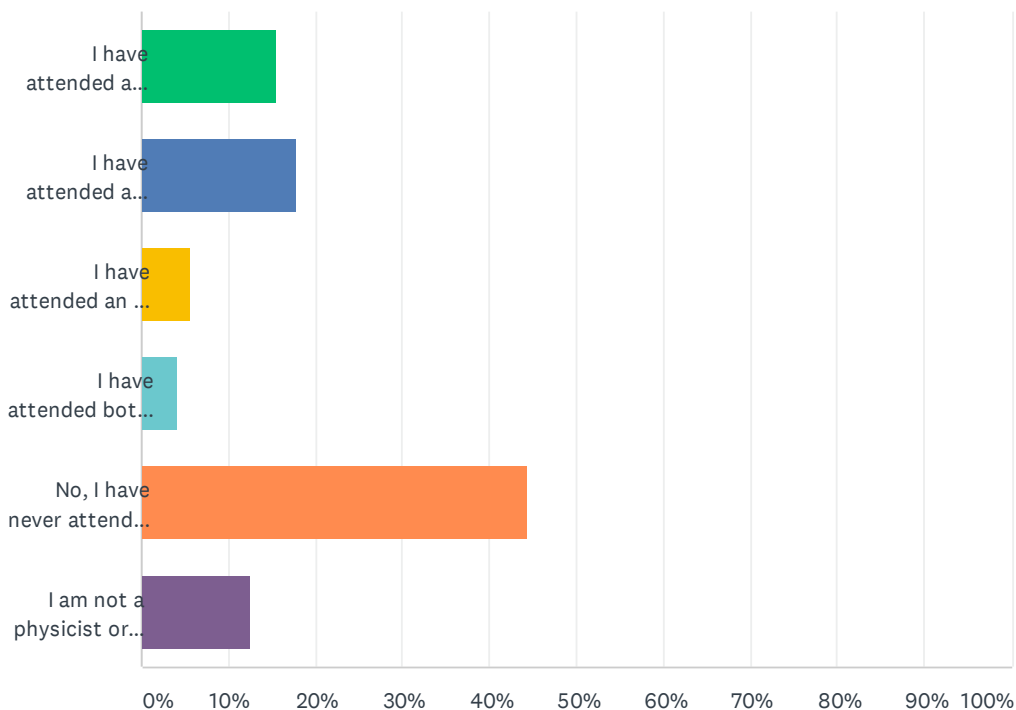
ANSWER CHOICES	RESPONSES	
My attendance in the congress is/would be entirely self-funded	27.01%	168
My attendance in the congress is/would be entirely sponsored by my own institution	36.33%	226
My attendance in the congress would be partially sponsored by my own institution (e.g. I cover my travel and accommodation expenses)	17.20%	107
My attendance in the congress is/would be entirely sponsored by a third party	5.31%	33
My attendance in the congress is/would be partially sponsored by a third party (e.g. I cover my travel and accommodation expenses)	8.04%	50
I do not wish to disclose this piece of information	6.11%	38
TOTAL		622

ESTRO Workshops



Q17 Have you ever attended an ESTRO workshop?

Answered: 610 Skipped: 94



ANSWER CHOICES	RESPONSES	
I have attended a Physics workshop	15.41%	94
I have attended a GEC-ESTRO workshop	17.87%	109
I have attended an RTT workshop	5.74%	35
I have attended both a Physics and a GEC-ESTRO workshop	4.10%	25
No, I have never attended an ESTRO workshop	44.26%	270
I am not a physicist or a Brachytherapy Radiation Oncologist	12.62%	77
TOTAL		610

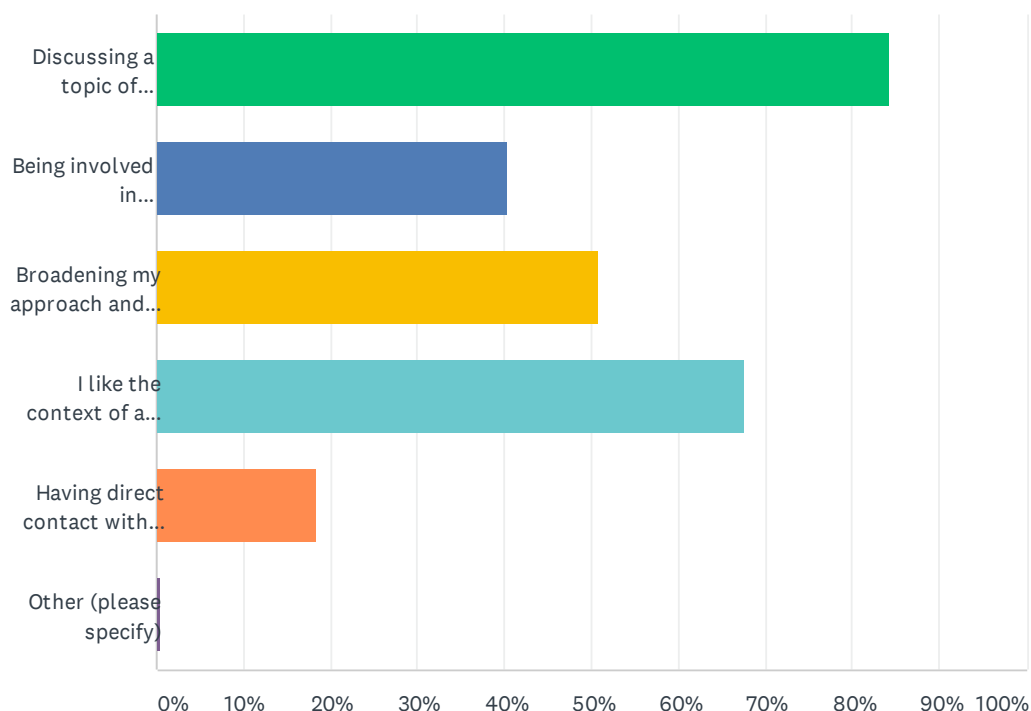
#	COMMENT	DATE
1	Have attended pre-meeting courses before the conference and these are great!	3/4/2021 12:23 PM
2	I have only attended an estro school	3/2/2021 8:09 PM
3	or if it is school - Advanced Treatment planning course...	3/2/2021 2:27 PM
4	I am in marketing	3/2/2021 1:59 PM
5	Like it very much	3/2/2021 12:44 PM
6	I have attend a physics workshop too	2/22/2021 4:33 PM
7	I don't understand the need of such workshops beyond the anual meeting, risky loose of focus	2/21/2021 1:47 PM
8	I attend national society meeting	2/18/2021 1:06 PM

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9	But I would have liked to	2/12/2021 2:56 PM
10	Radiobiology	2/12/2021 1:52 AM
11	Our Institution Hosted an ESTRO IMRT Course and I participated on it.	2/10/2021 9:19 AM
12	Most of my previous ESTRO attendances were self funded. Workshops were beyond my budget	2/9/2021 4:08 PM
13	Twice and I liked them very much!	2/9/2021 1:57 PM
14	Workshop seems to be like an old boys club. Not an open forum with rotating faculties	2/9/2021 1:17 PM
15	physics, IMRT, contouring, biology	2/9/2021 12:31 PM
16	Participated in EPTN workshops	2/9/2021 7:54 AM
17	Time zone is an issue for virtual attendance of interactive workshops. Travel is difficult to justify for just a workshop - scheduling in or around a conference might enable it.	2/9/2021 1:27 AM
18	Excellent opportunity to discuss selected subjects and increase networks.	2/8/2021 7:33 PM
19	I have attended or spoke at the workshops even though I am not an MD or PhD	2/8/2021 5:47 PM
20	Time issues. Otherwise interested in Physics workshop	2/8/2021 5:45 PM
21	Athens, 2012, and it was great!	2/8/2021 4:48 PM

Q18 What do you think is the most important aspect of attending an ESTRO workshop? Please select the 3 answers that you consider more relevant.

Answered: 262 Skipped: 442



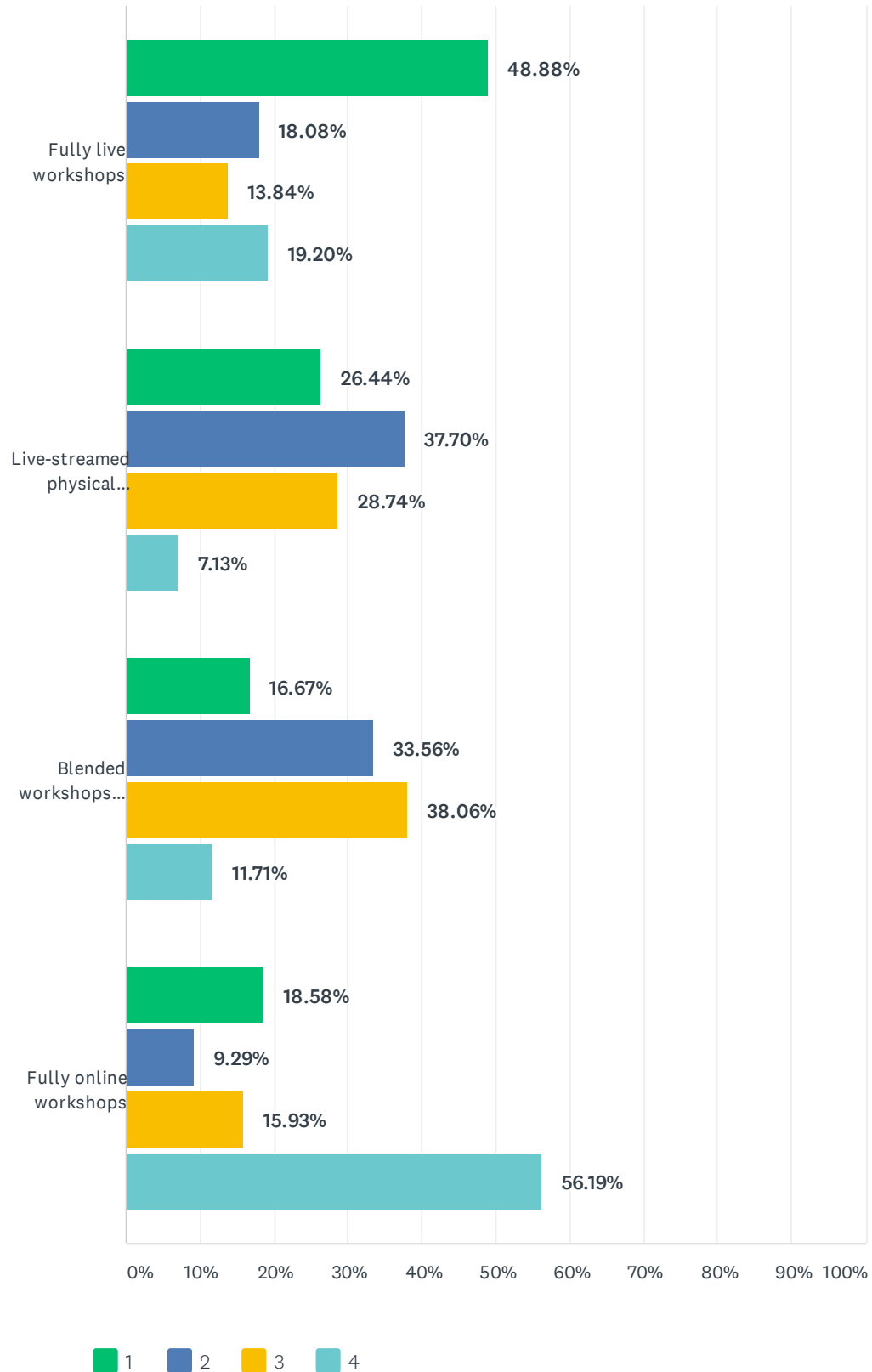
ANSWER CHOICES		RESPONSES	
Discussing a topic of interest with international colleagues and nurturing my professional connections		84.35%	221
Being involved in cross-national projects (e.g. working groups, tenders, scientific papers)		40.46%	106
Broadening my approach and getting to know opinion leaders in my field of interest		50.76%	133
I like the context of a dedicated workshop (smaller meetings, more interaction, field-specific community)		67.56%	177
Having direct contact with developers from the industry		18.32%	48
Other (please specify)		0.38%	1
Total Respondents: 262			

#	OTHER (PLEASE SPECIFY)	DATE
1	More informal schedule, better possibility to build a network.	3/2/2021 1:03 PM

Q19 If COVID-19 travel restrictions were lifted, which workshop format would you prefer to attend? Please rank the options below (1 = most preferred ; 4 least preferred).

Answered: 497 Skipped: 207

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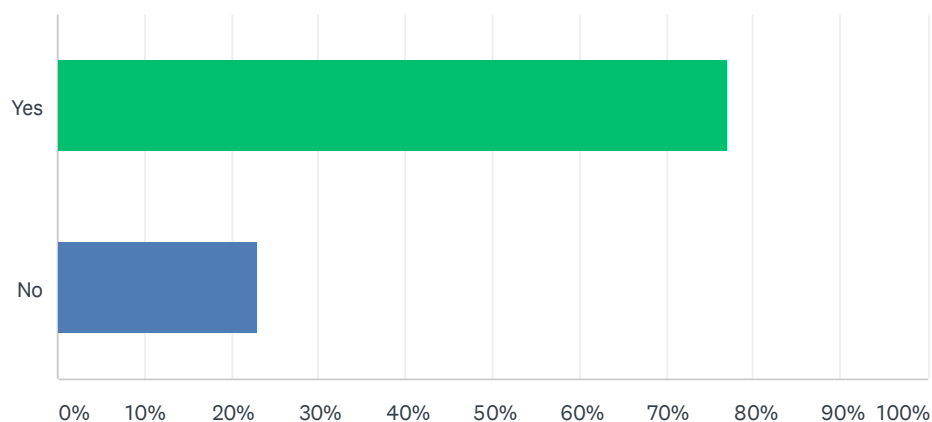
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	1	2	3	4	TOTAL	SCORE
Fully live workshops	48.88% 219	18.08% 81	13.84% 62	19.20% 86	448	2.97
Live-streamed physical workshops (reduced fee for online participants)	26.44% 115	37.70% 164	28.74% 125	7.13% 31	435	2.83
Blended workshops including an online introductory keynote followed by face-to-face sessions	16.67% 74	33.56% 149	38.06% 169	11.71% 52	444	2.55
Fully online workshops	18.58% 84	9.29% 42	15.93% 72	56.19% 254	452	1.90

BASIC STATISTICS					
	MINIMUM	MAXIMUM	MEDIAN	MEAN	STANDARD DEVIATION
Fully live workshops	1.00	4.00	2.00	2.03	1.18
Live-streamed physical workshops (reduced fee for online participants)	1.00	4.00	2.00	2.17	0.90
Blended workshops including an online introductory keynote followed by face-to-face sessions	1.00	4.00	2.00	2.45	0.90
Fully online workshops	1.00	4.00	4.00	3.10	1.18

Q20 Would you consider attending an ESTRO workshop if it became partly digital in 2021?

Answered: 502 Skipped: 202



ANSWER CHOICES	RESPONSES	
Yes	76.89%	386
No	23.11%	116
TOTAL		502

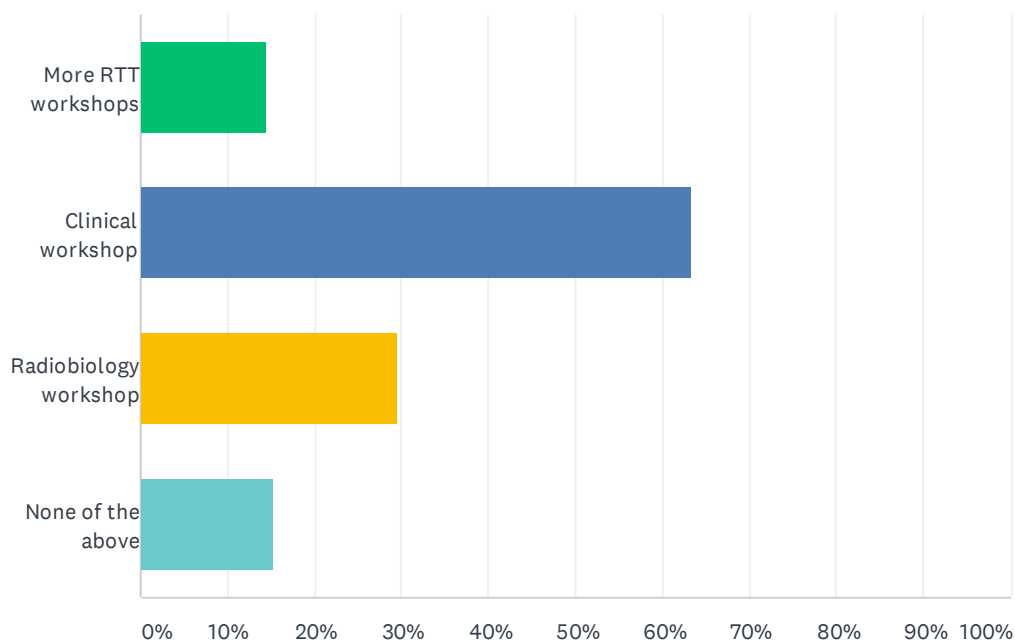
#	COMMENT	DATE
1	This would be easier to fit into working schedule and department funding, while also going to the conference.	3/4/2021 12:26 PM
2	Consider it, yes. Decide to attend. Not sure?	3/3/2021 6:45 PM
3	I don't know	3/3/2021 9:03 AM
4	Younger colleagues would.	3/2/2021 9:30 PM
5	May be	3/2/2021 3:06 PM
6	I don't consider attending the workshop	3/2/2021 2:38 PM
7	active in the ESTRO society for a long time	3/2/2021 2:35 PM
8	Not sure	3/2/2021 2:31 PM
9	I'm not ready to travel this year, even if the restrictions were lifted.	3/2/2021 2:08 PM
10	I don't know - perhaps it will depend on the content	3/2/2021 1:02 PM
11	But I prefer fully live	3/2/2021 12:48 PM
12	I would however, the workshops really benefit from being live.	3/2/2021 12:46 PM
13	I prefer to wait until it can be done physical	3/2/2021 12:29 PM
14	But not necessarily if it were fully online	2/22/2021 9:43 AM
15	depends on topic	2/18/2021 4:57 PM
16	I am just not attending any workshops independently from the format	2/18/2021 1:22 PM
17	depends on topic	2/18/2021 1:08 PM

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18	Maybe	2/17/2021 10:33 AM
19	I think 2021 is too soon to organize any other meeting than online meetings	2/12/2021 12:15 PM
20	Time zone issues	2/12/2021 1:54 AM
21	I have no interest in workshops	2/9/2021 7:24 PM
22	Again, budget	2/9/2021 4:10 PM
23	I did not attend ESTRO last year since I had not planned to go anyway. I had the opportunity to peek with a colleague and I liked what I saw. In short, I do think on-line is possible	2/9/2021 2:09 PM
24	None of the workshops have been relevant for me	2/9/2021 1:45 PM
25	It is still too expensive	2/9/2021 11:09 AM
26	Topics are too RO-specific for me	2/9/2021 10:11 AM
27	Not for the sake of digitality. In general, I would consider attending only if the topic would be highly interesting and close to my personal scientific interests.	2/9/2021 6:44 AM
28	Depends on interactive component - time zones are an issue.	2/9/2021 1:28 AM
29	Time zone limitations permitting	2/8/2021 11:14 PM
30	Depending on topic	2/8/2021 6:47 PM
31	maybe	2/8/2021 6:15 PM
32	My main problem is time restrictions.	2/8/2021 6:11 PM
33	depends on the cost	2/8/2021 5:59 PM
34	With reduced fees.	2/8/2021 5:33 PM
35	I have attended a few workshops and thoroughly enjoyed them. In my experience, the personal interactions are essential, as is a substantial engagement (you can't tune in and out like at the regular congress). I think this only works with an in-person format. So I would consider attending, but only in an in person capacity and if most people were going to attend remotely I would consider that a major drawback.	2/8/2021 5:24 PM
36	Depending on the price. Your online events are inexplicably the same price as physical events	2/8/2021 5:18 PM
37	i would as a second best option; prefer on-site to a maximum	2/8/2021 5:12 PM
38	Not sure	2/8/2021 5:02 PM
39	Maybe. Depends on how much 'partly digital' and in what sense...	2/8/2021 4:51 PM
40	Not on my planning this year.	2/8/2021 4:44 PM
41	Don't know. I will hesitate.	2/8/2021 4:41 PM
42	Possibly in a later year, but I do not have the time this year	2/8/2021 4:37 PM
43	But not because it would become partly digital.	2/8/2021 4:37 PM
44	I am not planning on attending any workshop.	2/8/2021 4:35 PM

Q21 Which additional kind of workshop would you like to attend?

Answered: 579 Skipped: 125



ANSWER CHOICES	RESPONSES	
More RTT workshops	14.51%	84
Clinical workshop	63.39%	367
Radiobiology workshop	29.53%	171
None of the above	15.37%	89
Total Respondents: 579		

#	IF YOU TICKED "NONE OF THE ABOVE", CAN YOU SPECIFY WHY?	DATE
1	There is no special factor about these topics, which would make me see I have to attend	3/6/2021 6:56 PM
2	In the end, it would depend on the topic. Purely, clinical, RTT or RB workshops would probably be too narrow for me. Maybe mixed topics could be really interesting.	3/4/2021 9:58 PM
3	With a limited disponibility and as a medical physicist, I would rather dedicate my training time to Physics workshops	3/4/2021 6:17 PM
4	I would attend partuculary physics workshops	3/4/2021 2:08 PM
5	Physics workshop.	3/4/2021 12:26 PM
6	More of a physicist!	3/3/2021 6:45 PM
7	no time	3/3/2021 1:02 PM
8	retire	3/3/2021 4:49 AM
9	I'd like a physics workshop.	3/2/2021 1:05 PM
10	My research is on the border of physics and radiobiology	2/26/2021 12:13 PM
11	I'm mostly interested in Physics workshops.	2/26/2021 2:12 AM

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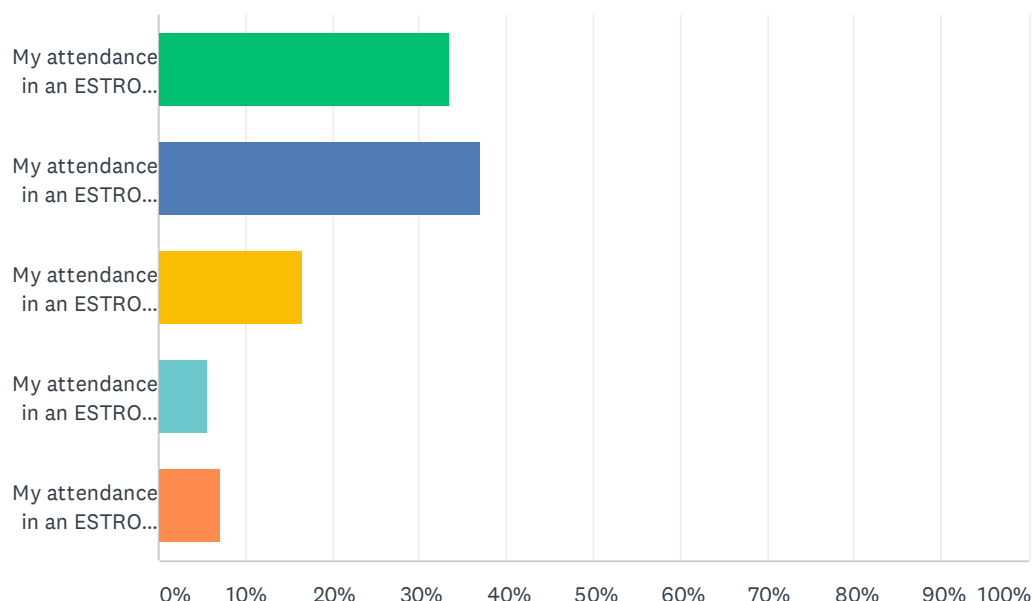
12	useless formate given the existing ESTRO activities	2/21/2021 1:47 PM
13	limited number of possibilities for attendance (cost, time), so limit to Physics workshops	2/19/2021 12:45 PM
14	I would like to attend a workshop about risk management	2/18/2021 3:28 PM
15	clinician educator careers, research methods in medical education	2/18/2021 3:19 PM
16	next year retired	2/18/2021 3:18 PM
17	I think introducing some interdisciplinary workshops would be nice as in different countries the job description of each specialty is difference. An example in treatment planning, this is done by RTTs and physicists so an interdisciplinary workshop would fit best.	2/18/2021 2:41 PM
18	Medical Physics, Medical Informatics, Regulatory Affairs w.s. instead	2/18/2021 1:36 PM
19	There are currently no workshop in my area of interest	2/18/2021 1:26 PM
20	I am not in favor of too much sub-separation of ESTRO - we must do more things together - of course there are technicalities, but the separation of e.g. the annual meeting in different tracks are in my eyes a misstage and should be (largly) abandoned - we need to sit more together.	2/18/2021 1:23 PM
21	I would not attend any workshop, because the knowledge transmitted would be too basic. However, a Radiobiology workshop would probably be a great idea for young career researchers.	2/18/2021 1:22 PM
22	physics workshop	2/11/2021 12:55 PM
23	physics workshops	2/10/2021 2:09 PM
24	I have no interest in attending a workshop	2/9/2021 7:24 PM
25	Physics workshop	2/9/2021 2:12 PM
26	I am a physicist and I hope you accept this as a reason :-)	2/9/2021 2:09 PM
27	I teach RTT in college, the worskhops aren't aimed at me	2/9/2021 1:45 PM
28	I'm a medical physicist	2/9/2021 11:52 AM
29	I am a clinical trial manager and the workshops will be too technical	2/9/2021 11:40 AM
30	Any kind if of interest	2/9/2021 10:44 AM
31	My research field is Shared decision making.	2/9/2021 10:11 AM
32	See the previous comment.	2/9/2021 6:44 AM
33	Medical dosimetrist workshop	2/9/2021 2:18 AM
34	Interested in existing physics workshops.	2/9/2021 1:28 AM
35	None of interest	2/8/2021 8:50 PM
36	Specific interest	2/8/2021 7:35 PM
37	Im a trials methodologist/statistician specialising in radiation oncology research	2/8/2021 7:16 PM
38	Therr are already verey active radiation oncology workgroups for alle subspecialties in the Netherlands.	2/8/2021 6:25 PM
39	Physics Workshop	2/8/2021 5:55 PM
40	any of the workshops are good, but is there new content for new Eurotom regulatory requirements?	2/8/2021 5:54 PM
41	I am interested in physics. I would also workshop for soft skills: Leadership, project management etc.	2/8/2021 5:47 PM
42	Physics workshop	2/8/2021 5:25 PM
43	Not my specialty	2/8/2021 5:24 PM
44	i like physics oriented ones, or interdisciplinary workshops.	2/8/2021 5:12 PM

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45	I am Not sure	2/8/2021 5:02 PM
46	Also, research methodology/statistics workshops.	2/8/2021 4:51 PM
47	I would like to attend GEC-ESTRO (is that clinical?) and physics workshops	2/8/2021 4:51 PM
48	Physics workshops	2/8/2021 4:42 PM
49	See question 20	2/8/2021 4:35 PM
50	Workshops appear to be organised and attended by small clique of 'Estro' individuals. It feels like a club you either belong to, or you do not.	2/8/2021 4:30 PM

Q22 How do you/would you support your participation in an ESTRO workshop?

Answered: 566 Skipped: 138



ANSWER CHOICES	RESPONSES
My attendance in an ESTRO workshop is/would be entirely self-funded	33.57% 190
My attendance in an ESTRO workshop is/would be entirely sponsored by my own institution	37.10% 210
My attendance in an ESTRO workshop would be partially sponsored by my own institution (e.g. I cover my travel and accommodation expenses)	16.61% 94
My attendance in an ESTRO workshop is/would be entirely sponsored by a third party	5.65% 32
My attendance in an ESTRO workshop is/would be partially sponsored by a third party (e.g. I cover my travel and accommodation expenses)	7.07% 40
TOTAL	566

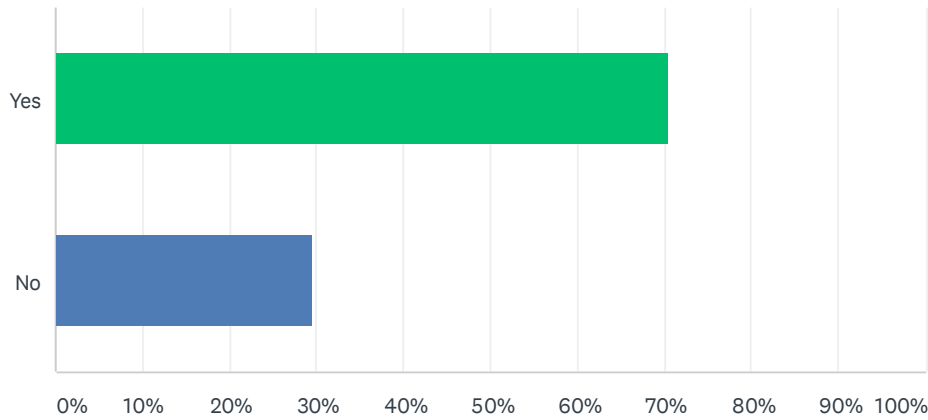
#	COMMENT	DATE
1	Needs more internal justification as to the benefit.	3/3/2021 6:45 PM
2	Institution pay for registration and count the time as work. I cover my own travel costs.	2/18/2021 5:38 PM
3	Not known yet	2/18/2021 4:57 PM
4	Too old to attend	2/18/2021 1:23 PM
5	it will depend	2/10/2021 3:56 PM
6	it is very difficult to get full financing. My institution never contributed	2/8/2021 9:34 PM
7	Either fully sponsored by institute or by 3rd party (rare)	2/8/2021 4:51 PM
8	Depends from one meeting/congress/... to another. Often I am invited speaker.	2/8/2021 4:44 PM

ESTRO School Courses



Q23 Have you ever attended an ESTRO School course?

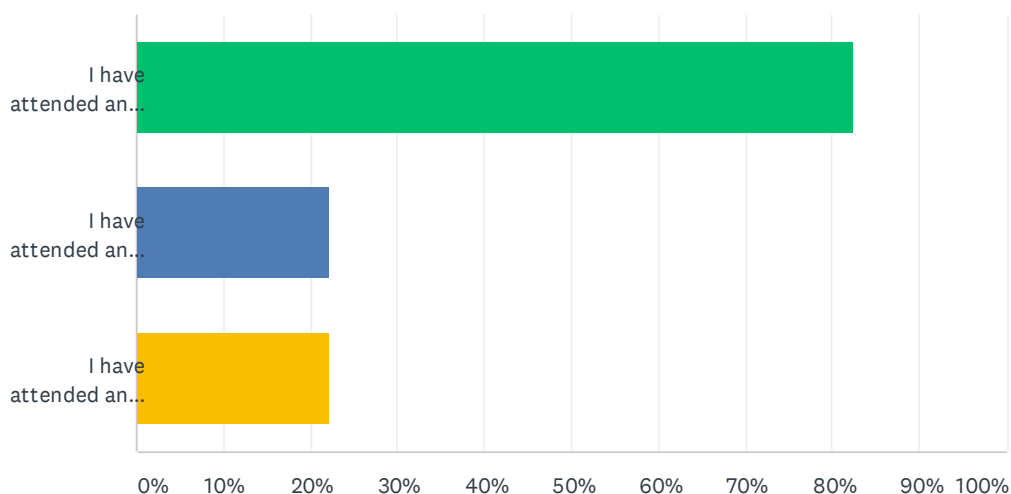
Answered: 588 Skipped: 116



ANSWER CHOICES		RESPONSES	
Yes		70.58%	415
No		29.42%	173
TOTAL			588

Q24 Which kind of course have you attended in the last 3 years?

Answered: 343 Skipped: 361



ANSWER CHOICES	RESPONSES	
I have attended an ESTRO live course	82.51%	283
I have attended an ESTRO online course	22.16%	76
I have attended an ESTRO contouring workshop	22.16%	76
Total Respondents: 343		

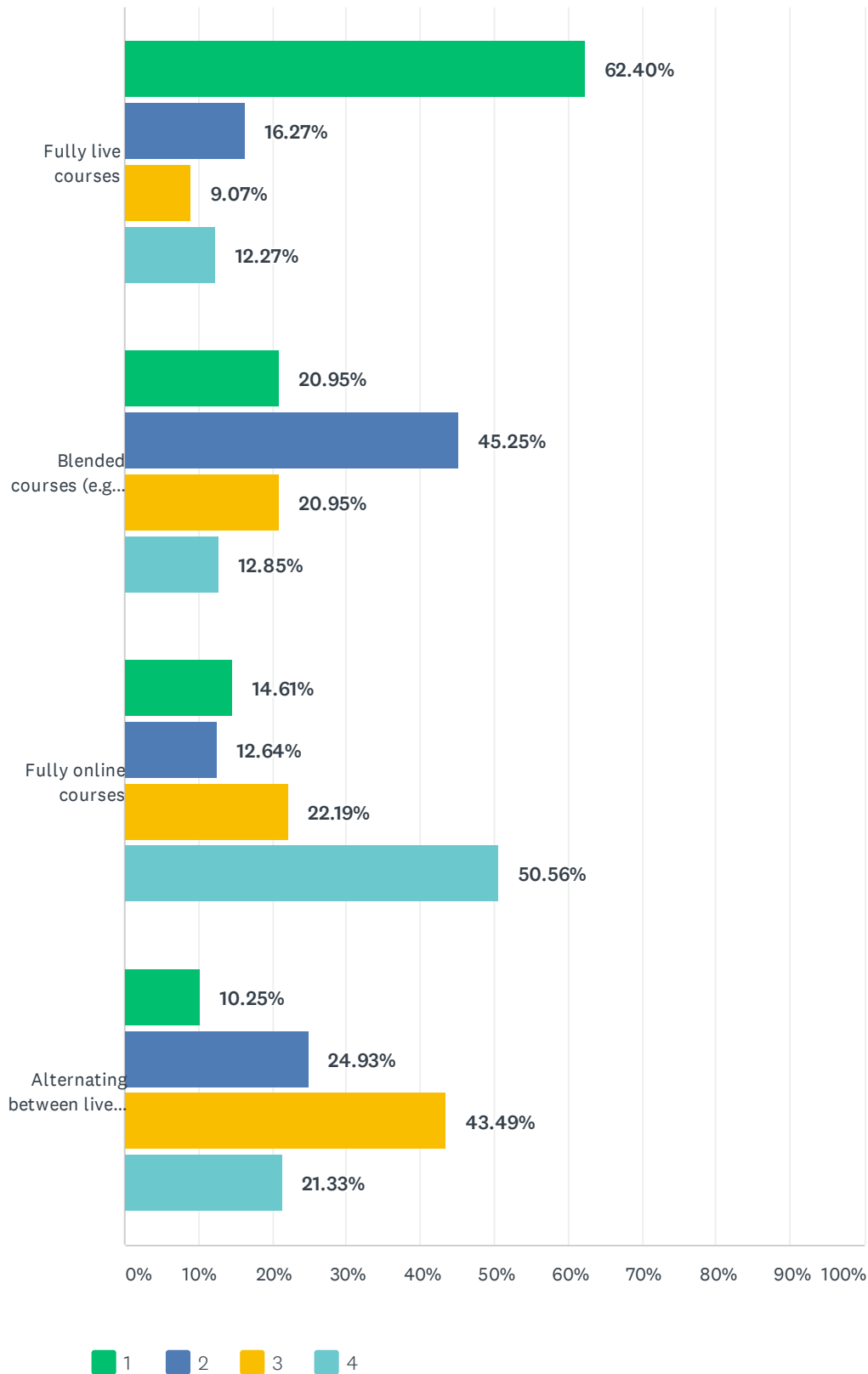
#	COMMENT	DATE
1	Image-guided stereotactic body radiotherapy	3/8/2021 10:04 AM
2	none	3/5/2021 3:11 PM
3	None in the last 3 years.	3/4/2021 12:26 PM
4	No one	3/3/2021 11:39 AM
5	None	3/3/2021 9:26 AM
6	Y	3/3/2021 9:04 AM
7	none	3/3/2021 4:51 AM
8	I attended earlier (not in the last 3 years)	3/2/2021 8:55 PM
9	Contouring workshop, more than 3 years	3/2/2021 4:54 PM
10	I have attended an ESTRO live course more than 3 years ago	2/23/2021 10:55 AM
11	my participations are further ago	2/22/2021 2:47 PM
12	none	2/18/2021 5:39 PM
13	no corses in the last 3 years	2/18/2021 5:21 PM
14	none in the last 3 years	2/18/2021 4:58 PM
15	No ESTRO course in the past 3 years	2/18/2021 2:15 PM
16	none	2/18/2021 1:29 PM

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17	none	2/18/2021 1:24 PM
18	IGRT course	2/18/2021 1:10 PM
19	none	2/17/2021 10:34 AM
20	None, it was older than 3 years ago	2/16/2021 12:40 PM
21	none	2/12/2021 1:54 AM
22	None	2/11/2021 5:01 PM
23	or was it 4 years ago...	2/10/2021 3:57 PM
24	in the last 3 years none	2/10/2021 12:09 PM
25	None	2/10/2021 7:10 AM
26	live course as teacher	2/9/2021 2:26 PM
27	It was the MORO course (molec.oncol for the RadOn). For me as a physicist it was both very interesting and hard :-)	2/9/2021 2:11 PM
28	None	2/9/2021 12:00 PM
29	none in the last three years	2/9/2021 9:22 AM
30	I am experienced so I have attended many years ago!	2/9/2021 8:23 AM
31	None since I left the faculty of the Amsterdam-based IMRT course in 2005	2/8/2021 11:13 PM
32	Nothing in the last 3 yrs	2/8/2021 10:10 PM
33	Faculty member of several ESTRO Courses	2/8/2021 6:53 PM
34	None the last 3 years	2/8/2021 6:36 PM
35	I have attended many live courses over the decates. I found them very helpful. There are not many courses left I would be interested in, accept maybe for a course in radiotherapy for lung cancer.	2/8/2021 6:30 PM
36	I did not attend a course in the last 3 years, but before that I attended ESTRO live courses	2/8/2021 6:17 PM
37	I have attended 3 courses in total. But none in the last 3 years.	2/8/2021 5:49 PM
38	Any of them	2/8/2021 5:09 PM
39	none the last 3 years	2/8/2021 5:03 PM
40	My Last course was More than 5 years ago.	2/8/2021 5:03 PM
41	not in the last 3 years	2/8/2021 4:53 PM
42	Quantitative methods in RT, Maastricht, 2017 -- and it was awesome!!!	2/8/2021 4:52 PM
43	None	2/8/2021 4:47 PM
44	Mostly as faculty.	2/8/2021 4:44 PM
45	none	2/8/2021 4:42 PM
46	none the last 3 years	2/8/2021 4:36 PM

Q25 Rank the course types you prefer (1 = most preferred ; 4 = least preferred).

Answered: 401 Skipped: 303



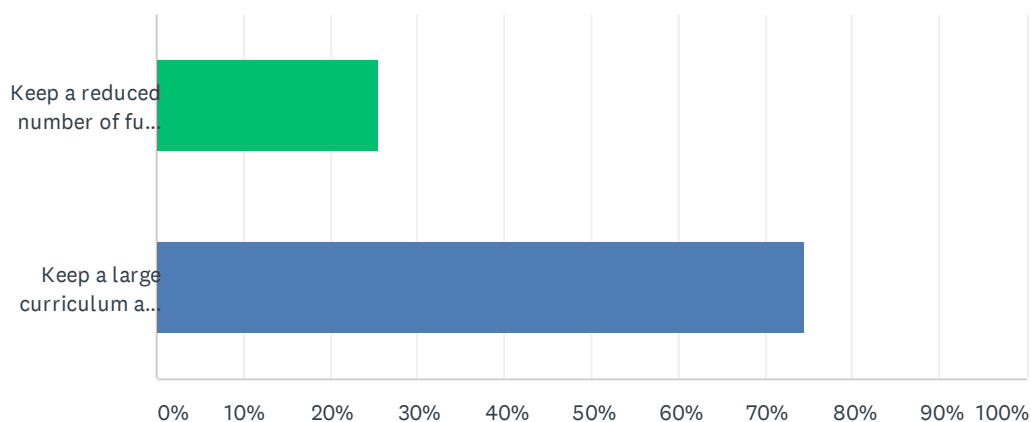
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	1	2	3	4	TOTAL	SCORE
Fully live courses	62.40% 234	16.27% 61	9.07% 34	12.27% 46	375	3.29
Blended courses (e.g. 3 days of live course complemented by 48 hours of online activities)	20.95% 75	45.25% 162	20.95% 75	12.85% 46	358	2.74
Fully online courses	14.61% 52	12.64% 45	22.19% 79	50.56% 180	356	1.91
Alternating between live and online every second year	10.25% 37	24.93% 90	43.49% 157	21.33% 77	361	2.24

BASIC STATISTICS					
	MINIMUM	MAXIMUM	MEDIAN	MEAN	STANDARD DEVIATION
Fully live courses	1.00	4.00	1.00	1.71	1.06
Blended courses (e.g. 3 days of live course complemented by 48 hours of online activities)	1.00	4.00	2.00	2.26	0.93
Fully online courses	1.00	4.00	4.00	3.09	1.10
Alternating between live and online every second year	1.00	4.00	3.00	2.76	0.90

Q26 How do you think that the ESTRO school should organise its courses in a time of limited resources?

Answered: 562 Skipped: 142



ANSWER CHOICES	RESPONSES	
Keep a reduced number of full live courses	25.62%	144
Keep a large curriculum and include both live courses and fully online courses	74.38%	418
TOTAL		562

#	COMMENT	DATE
1	Alternate if possible one year online and second year live course with large curriculum	3/4/2021 4:15 AM
2	Some courses can be delivered well online. Partner with someone like Coursera?	3/3/2021 6:47 PM
3	I like to focus of the courses, meaning that they are quite specific, so I'd like a large curriculum.	3/2/2021 1:07 PM
4	in a time of limited resources, I think the better way is on-line courses	2/19/2021 1:32 PM
5	I leave it to Jesper	2/18/2021 1:27 PM
6	Make courses available on demand. One can access the online material anytime, and schedule "live" online sessions with tutors	2/18/2021 1:09 PM
7	Being a very diverse organization (RTT, RadOnc, Biologists and physicists) and with oncology being very diverse, I think a broad spectrum is a necessity	2/9/2021 2:16 PM
8	Same comment as for the workshop. They appears to be an old boys club, with the same faculties presenting same old data. Great for residents, but useless to move our discipline forward.	2/9/2021 1:20 PM
9	Keep the curriculum in online courses	2/9/2021 12:35 PM
10	large curriculum is important!	2/8/2021 7:09 PM
11	relationships matter and building them face to face builds trust	2/8/2021 5:57 PM
12	The number of participants is not the only issue. There are travel restrictions.	2/8/2021 5:51 PM
13	also for networking possibilities in future careers is important.	2/8/2021 5:13 PM
14	certainly for the young RO in training, online courses are less costly	2/8/2021 5:05 PM
15	do not underestimate the importance for the ESTRO-community of bringing together different	2/8/2021 5:00 PM

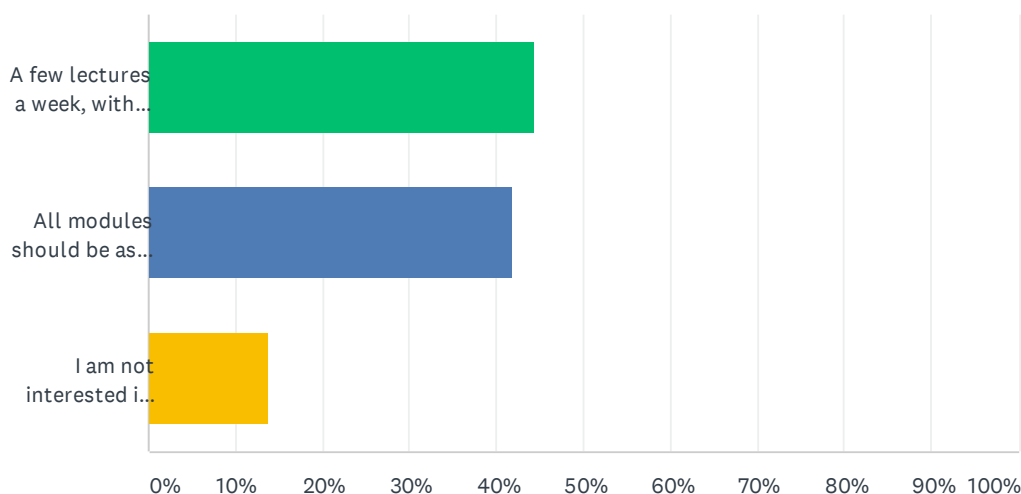
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nationals in a focussed group for several days. I bet you are very aware of this.

16	Actually, a mix of the two, but with preponderance of (greater weightage to) live courses.	2/8/2021 4:55 PM
17	Online courses can compensate for part when required. Not more. Live courses with online attendees as well seems a good mix.	2/8/2021 4:47 PM
18	need to reduce cost as have been unable to attend due to significant cost of these	2/8/2021 4:37 PM

Q27 What format would you prefer for a blended/online course?

Answered: 567 Skipped: 137



ANSWER CHOICES	RESPONSES	
A few lectures a week, with the course lasting several weeks	44.44%	252
All modules should be as close to one another as possible	41.80%	237
I am not interested in attending a blended/online course	13.76%	78
TOTAL		567

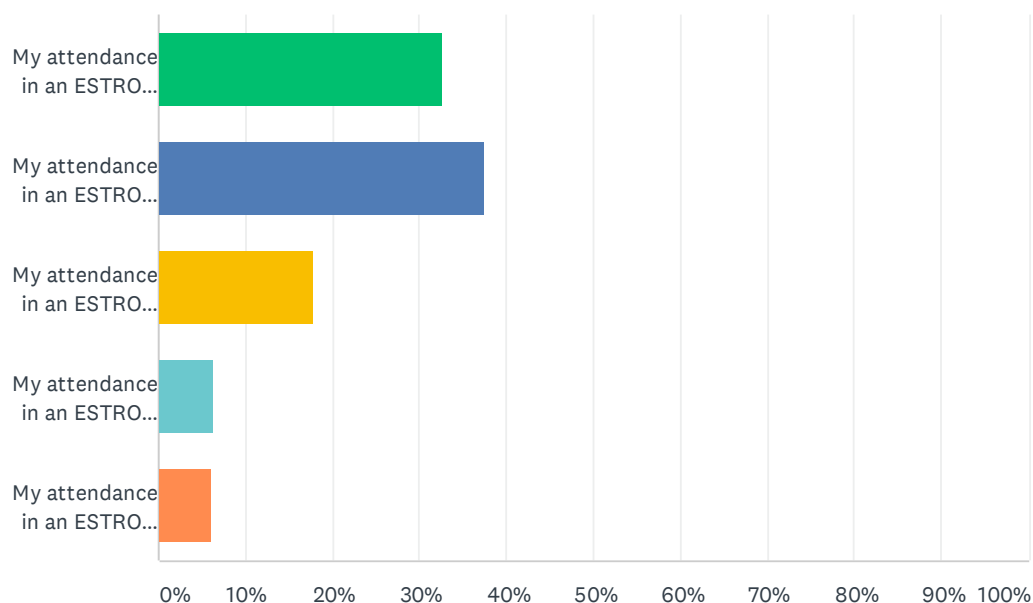
#	COMMENT	DATE
1	I like the idea of modular courses	3/3/2021 6:47 PM
2	Think it's difficult to have the time when you work clinically	3/2/2021 2:41 PM
3	TIME ZONES remain an issue again (see above)	2/20/2021 11:07 PM
4	I much prefer live courses and would only take this option if there were no better option available for me at the time.	2/18/2021 10:50 PM
5	A few courses lasting a couple of days	2/18/2021 6:30 PM
6	I'm not a fan of blended option	2/18/2021 4:59 PM
7	Probably try to compact lectures in one day per week over 4 weeks. But not to expand it too much	2/18/2021 2:00 PM
8	not me to decide, but a large part of a course in interaction between the participants (future networks) - so the should be secured as much as possible	2/18/2021 1:27 PM
9	It's hard to get away from the clinic while being present and I do believe it's (a bit) easier to stay away for a somewhat longer consecutive period, rather than for a lot shorter periods (so, hypofractionation rather than hyperfractionation)	2/9/2021 2:16 PM
10	this would be easier to accommodate remotely, and while attending to my clinical responsibilities.	2/8/2021 7:14 PM
11	The main problem is time because it is quite difficult to be far away from work and family. Perhaps It would be better to attend recorded lectures with the opportunity to send questions.	2/8/2021 6:16 PM
12	Interaction with the students is essential	2/8/2021 5:26 PM

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13	but for young RO in training, a 'more spread out' course is probably more convenient to combine with clinical tasks	2/8/2021 5:05 PM
14	Either of 1st or 2nd option, as long as they're well-planned & well-scheduled.	2/8/2021 4:55 PM
15	If blended is combined life _ online, I would participate in the life component only.	2/8/2021 4:47 PM

Q28 How do you/would you support your participation in an ESTRO course or contouring workshop?

Answered: 548 Skipped: 156



ANSWER CHOICES	RESPONSES	
My attendance in an ESTRO course or contouring workshop is/would be entirely self-funded	32.66%	179
My attendance in an ESTRO course or contouring workshop is/would be entirely sponsored by my own institution	37.41%	205
My attendance in an ESTRO course or contouring workshop would be partially sponsored by my own institution (e.g. I cover my travel and accommodation expenses)	17.70%	97
My attendance in an ESTRO course or contouring workshop is/would be entirely sponsored by a third party	6.20%	34
My attendance in an ESTRO course or contouring workshop is/would be partially sponsored by a third party (e.g. I cover my travel and accommodation expenses)	6.02%	33
TOTAL		548

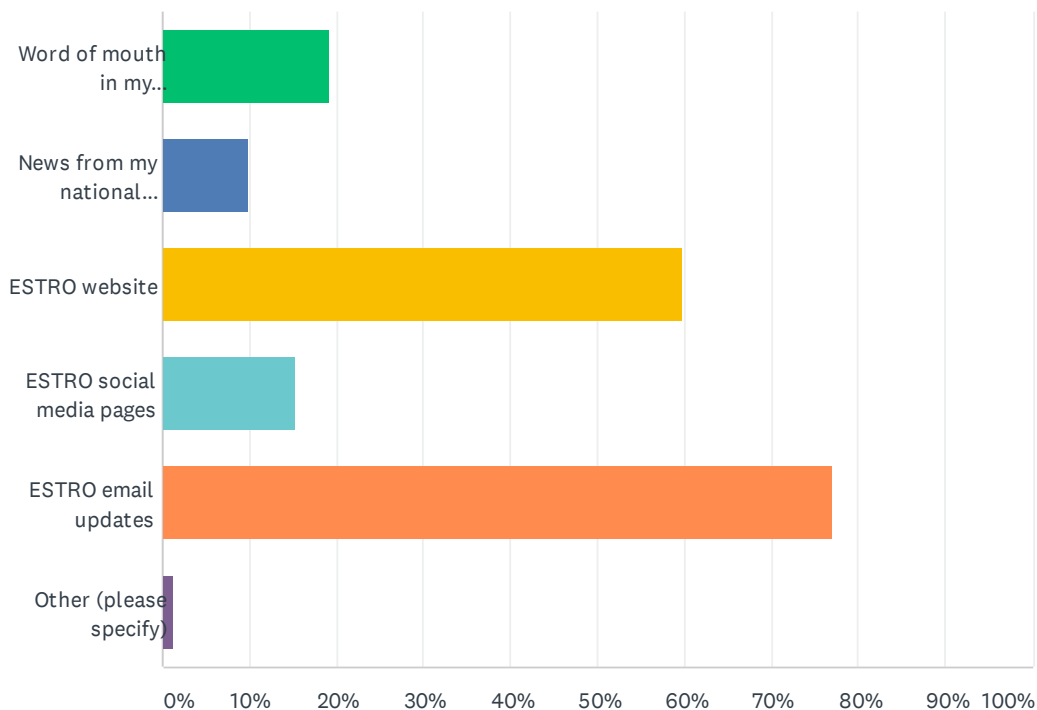
#	COMMENT	DATE
1	Depends on the course. I might self fund some if it is of personal interest but less relevant to work.	3/3/2021 6:47 PM
2	More often self funded, but I was offered the last course I participated too.	3/2/2021 4:08 PM
3	Not known yet	2/18/2021 4:59 PM
4	it will depend	2/10/2021 3:58 PM
5	This is good for my young doctors	2/9/2021 8:24 AM
6	No participation	2/8/2021 8:36 PM
7	Not interested in contouring	2/8/2021 6:37 PM
8	Likely entirely sponsored by institute or 3rd party (rare), but in certain circumstances I may be willing & able to partially fund by my own expenses.	2/8/2021 4:55 PM

ESTRO Communication Channels



Q29 How do you usually keep up to date with ESTRO's activities?

Answered: 572 Skipped: 132

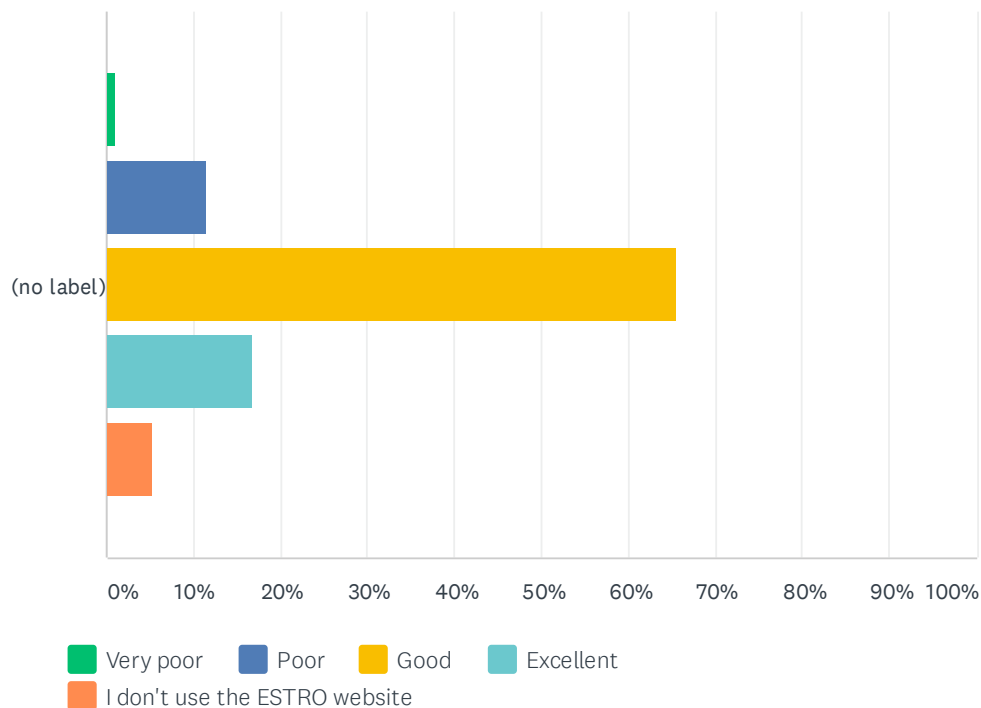


ANSWER CHOICES	RESPONSES	
Word of mouth in my institution	19.23%	110
News from my national society	9.79%	56
ESTRO website	59.79%	342
ESTRO social media pages	15.21%	87
ESTRO email updates	76.92%	440
Other (please specify)	1.22%	7
Total Respondents: 572		

#	OTHER (PLEASE SPECIFY)	DATE
1	Via active roles in ESTRO	3/4/2021 10:04 PM
2	red journal	3/2/2021 5:17 PM
3	Read the journals	2/18/2021 1:30 PM
4	GEC_ESTRO working group	2/11/2021 5:02 PM
5	Inside information	2/11/2021 3:43 PM
6	not so nice to get to know about the postponement of the 2021 congress by the timetable of my national society and not by a mail by ESTRO	2/9/2021 12:40 PM
7	Since retirement, given the regrettable disappearance of the physical Newsletter I don't keep up to date.	2/8/2021 11:16 PM

Q30 How would you rate your experience using the ESTRO website?

Answered: 568 Skipped: 136



	VERY POOR	POOR	GOOD	EXCELLENT	I DON'T USE THE ESTRO WEBSITE	TOTAL	WEIGHTED AVERAGE
(no label)	1.06%	11.44%	65.49%	16.73%	5.28%	568	3.03
	6	65	372	95	30		

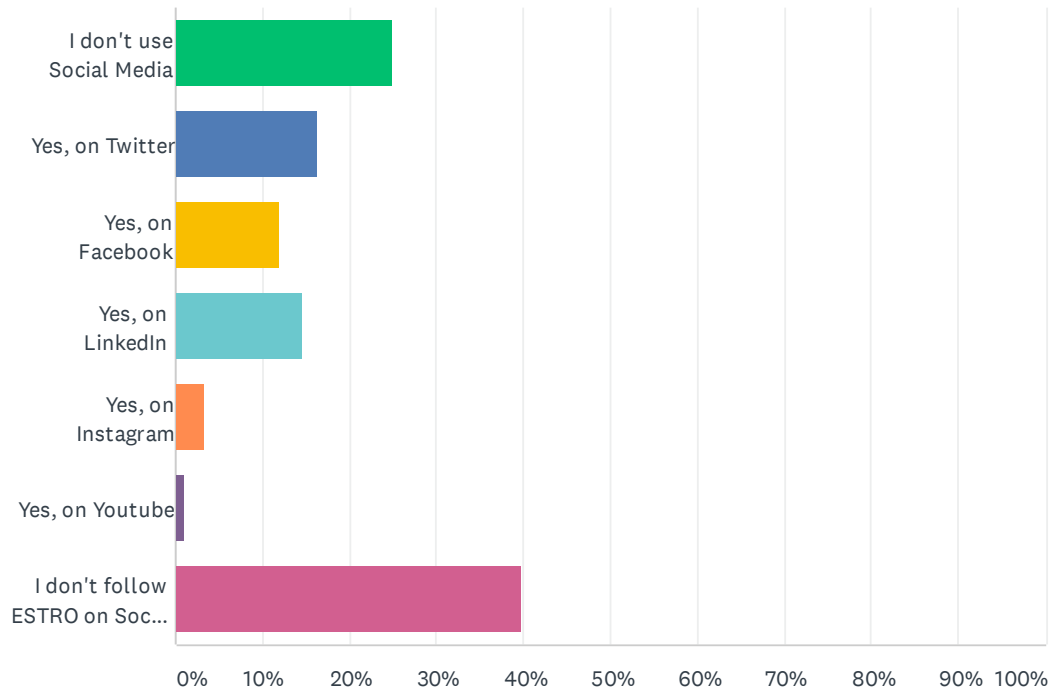
#	COMMENT	DATE
1	often difficult to reach the good information	3/8/2021 11:35 AM
2	Too messy and unhandy	3/6/2021 6:58 PM
3	Suggestion: explain abbreviation of ESTRO on first page	3/4/2021 10:04 PM
4	I am using only Green Journal	3/4/2021 4:17 AM
5	Sometimes it is rather hard to find the course you're searching for or get an adequate overview of the scheduled program.	3/2/2021 1:38 PM
6	It has been poor lately. Things have been removed then back again, Newsletter hard to find etc. No notification on site that it's under Construction or when up fully again. Links gone. A disaster lately I would say.	3/2/2021 12:49 PM
7	I am not satisfied with MyESTRO functionality. Also, the search function could be improved. webinars etc. mentioned in social media should be found on the website front page the same day	3/1/2021 10:08 AM
8	Not always easy to find the right information	2/25/2021 12:47 PM
9	Sometimes glitchy	2/22/2021 4:35 PM
10	Difficult to navigate	2/22/2021 11:51 AM
11	It has gotten better since the overhaul a few years ago.	2/22/2021 9:48 AM
12	but willing to look at it	2/20/2021 11:09 PM

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13	access to the green Journal could be easier to find	2/20/2021 8:31 AM
14	Almost impossible to find anything unless you know where to look	2/19/2021 12:12 PM
15	Not intuitive. difficult to progres in the site.	2/19/2021 8:46 AM
16	No-one replies to emails. It's frustrating.	2/18/2021 5:00 PM
17	Recent changes were confusing	2/18/2021 3:03 PM
18	Library use is difficult	2/18/2021 1:54 PM
19	Reimbursement for ESTRO 2020 after switching to fully online is simply atrocious. Still have not received it after more than 4 months and communication about it, including the contacts on ESTRO website is left unanswered. It's a disgrace.	2/18/2021 1:28 PM
20	Members should have access to more educational materials for free. See ESO for example.	2/18/2021 1:14 PM
21	not easy to find what you're searching	2/11/2021 10:55 AM
22	the web site is very difficult to use	2/10/2021 12:10 PM
23	Often difficult to use - eg when website was updated the link I was sent to re-register didn't work Links to green journal not clear	2/10/2021 11:29 AM
24	After the last re-structuring it is hard to find things	2/9/2021 12:40 PM
25	I would like to see more accessible scientific content - more like the ESTRO newsletter but expanded.	2/9/2021 9:16 AM
26	please keep past events information more	2/9/2021 2:38 AM
27	Challenging to negotiate, not at all user-friendly	2/8/2021 11:30 PM
28	it is not very easy.. but moist of the time I find my way	2/8/2021 7:11 PM
29	I often have problems finding material on the website	2/8/2021 6:44 PM
30	last spring/summer, it seemed to take a long time to find out what was cancelled, pending, or moving on line. not sure if we are meeting live in Madrid or if this survey is to rebuild it into a remote event	2/8/2021 6:00 PM
31	The content is changing. I find something one week and I cannot find it another week. There should be updates instead of completely chnaging the content.	2/8/2021 5:53 PM
32	Do not offer very much....	2/8/2021 5:13 PM
33	Access to the journals is always an issue and a bit indirect/cumbersome.	2/8/2021 4:57 PM
34	Since the website changed I have had a couple of issues that made me giving up using it regularly...	2/8/2021 4:48 PM

Q31 Do you follow ESTRO on social media?

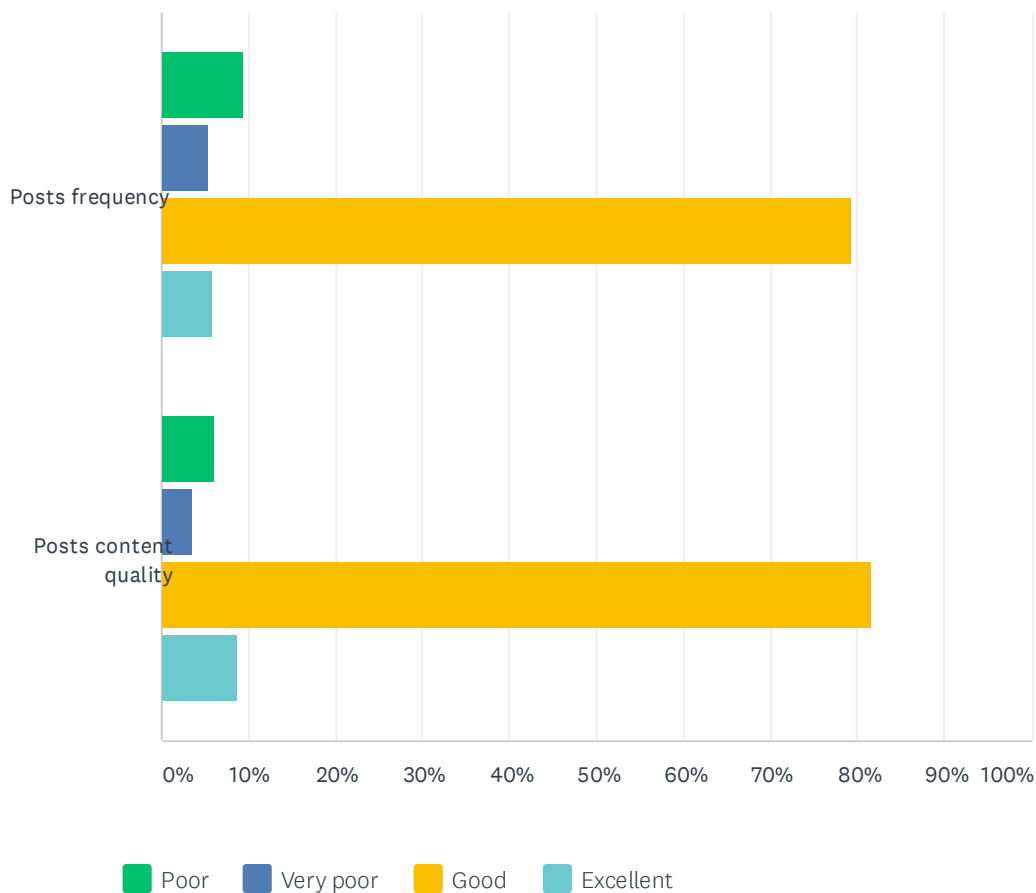
Answered: 570 Skipped: 134



ANSWER CHOICES	RESPONSES	
I don't use Social Media	24.91%	142
Yes, on Twitter	16.32%	93
Yes, on Facebook	11.93%	68
Yes, on LinkedIn	14.56%	83
Yes, on Instagram	3.33%	19
Yes, on Youtube	1.05%	6
I don't follow ESTRO on Social Media	39.82%	227
Total Respondents: 570		

Q32 How would you evaluate the frequency and content of posts/media on ESTRO's social media channels? (skip if not relevant)

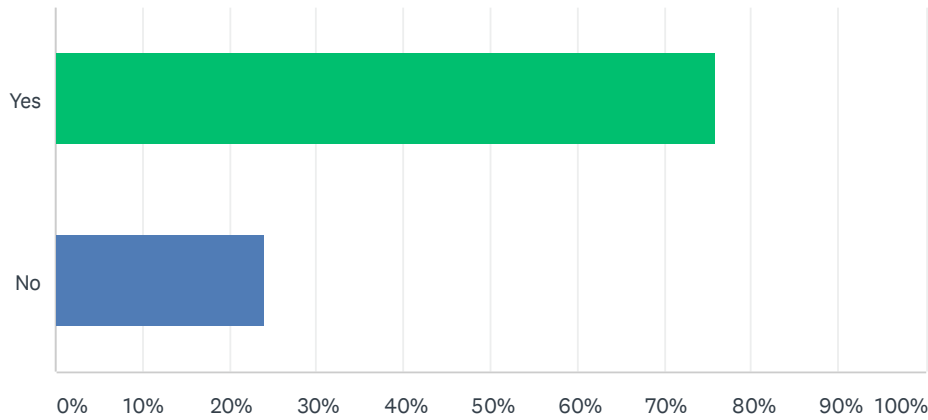
Answered: 265 Skipped: 439



	POOR	VERY POOR	GOOD	EXCELLENT	TOTAL	WEIGHTED AVERAGE
Posts frequency	9.41% 24	5.49% 14	79.22% 202	5.88% 15	255	2.82
Posts content quality	6.00% 15	3.60% 9	81.60% 204	8.80% 22	250	2.93

Q33 Do you read the ESTRO newsletter?

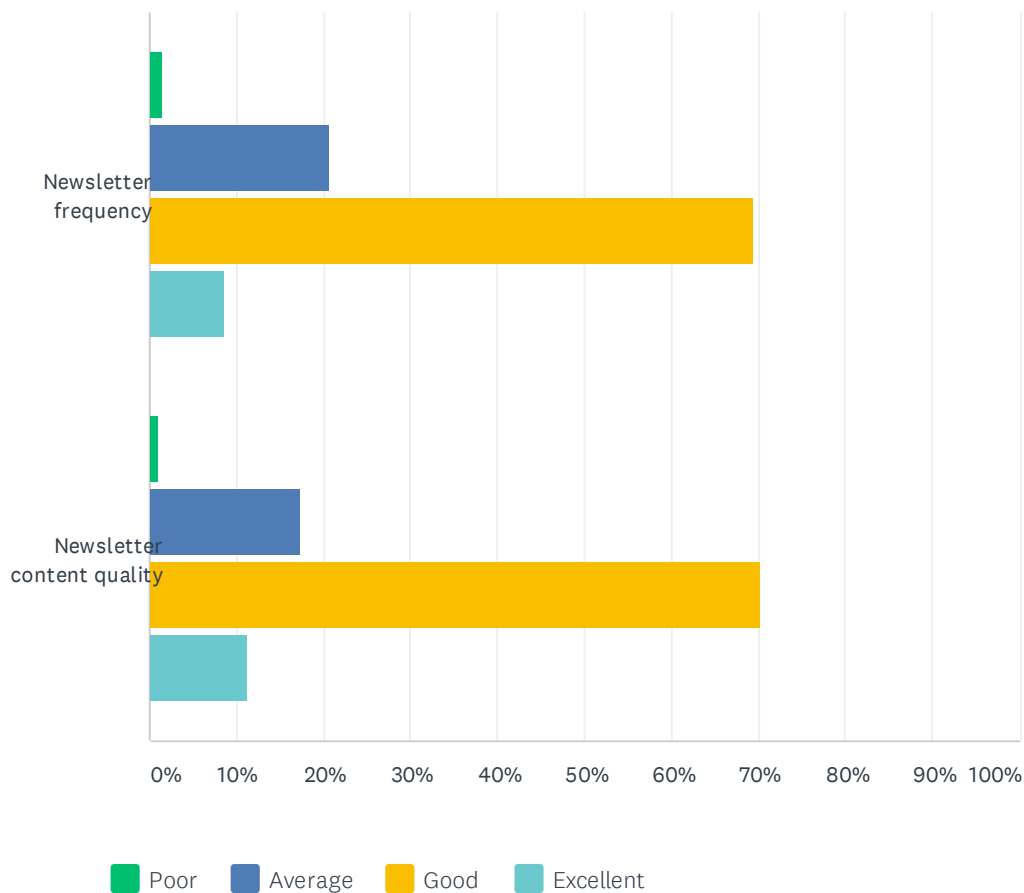
Answered: 559 Skipped: 145



ANSWER CHOICES		RESPONSES	
Yes		76.03%	425
No		23.97%	134
TOTAL			559

Q34 How would you evaluate the frequency and content of ESTRO newsletter? (skip if not relevant)

Answered: 440 Skipped: 264



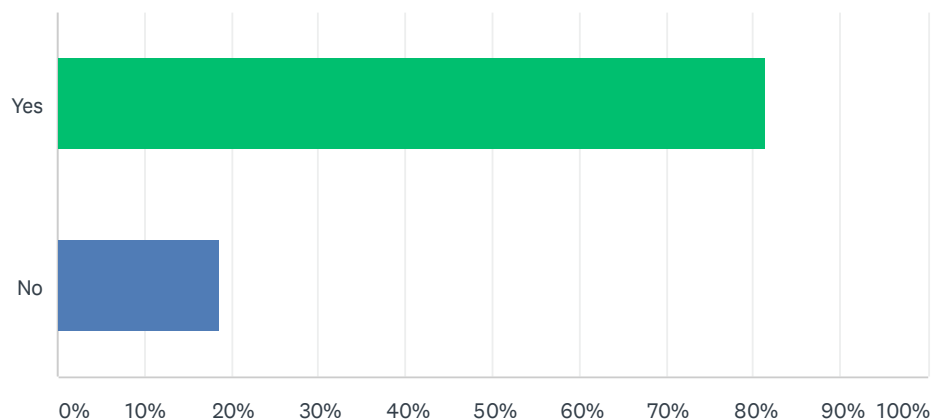
	POOR	AVERAGE	GOOD	EXCELLENT	TOTAL	WEIGHTED AVERAGE
Newsletter frequency	1.38% 6	20.74% 90	69.35% 301	8.53% 37	434	3.84
Newsletter content quality	0.98% 4	17.40% 71	70.34% 287	11.27% 46	408	3.91

ESTRO Scientific Journals



Q35 Do you usually access the ESTRO scientific journals (either via the ESTRO website or other platforms)?

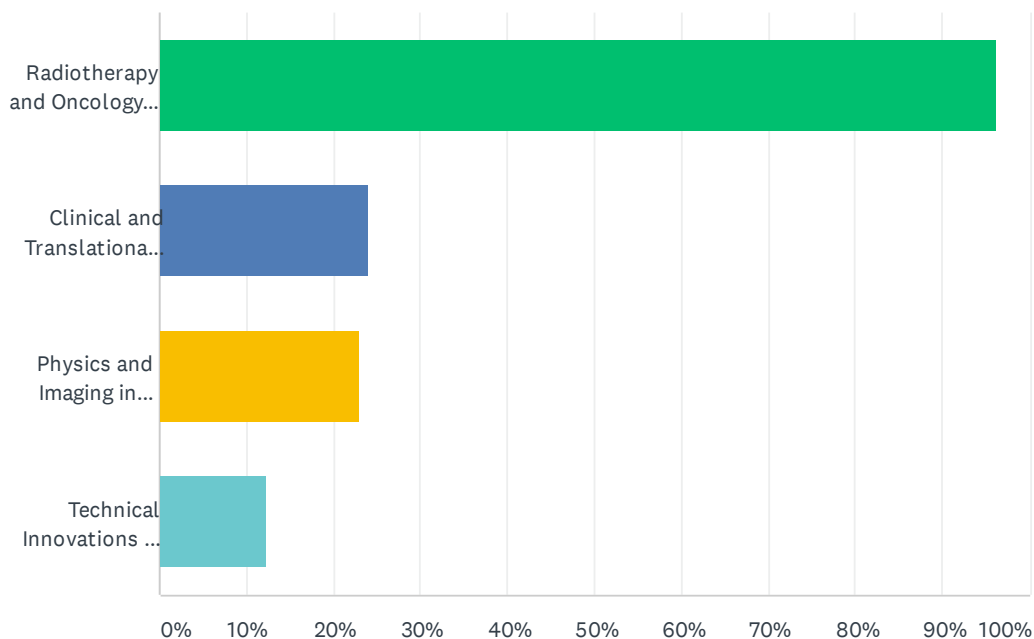
Answered: 567 Skipped: 137



ANSWER CHOICES	RESPONSES	
Yes	81.48%	462
No	18.52%	105
TOTAL		567

Q36 Can you specify which one? Tick the boxes next to the journals that you usually access.

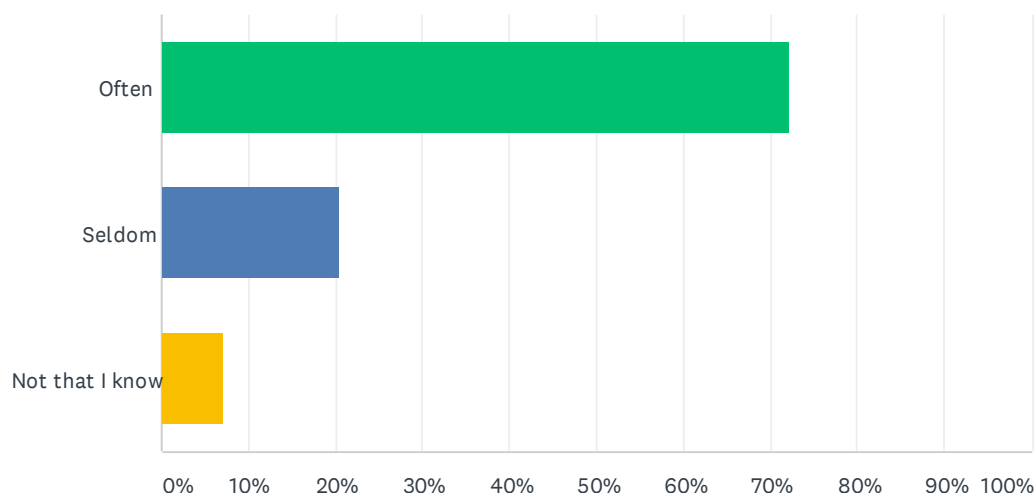
Answered: 541 Skipped: 163



ANSWER CHOICES	RESPONSES	
Radiotherapy and Oncology (The Green Journal)	96.30%	521
Clinical and Translational Radiation Oncology (ctRO)	24.03%	130
Physics and Imaging in Radiation Oncology (phiRO)	23.11%	125
Technical Innovations and Patient Support in Radiation Oncology (tipsRO)	12.38%	67
Total Respondents: 541		

Q37 Have you ever used any of the information and guidelines published in the scientific journals in your daily work?

Answered: 559 Skipped: 145



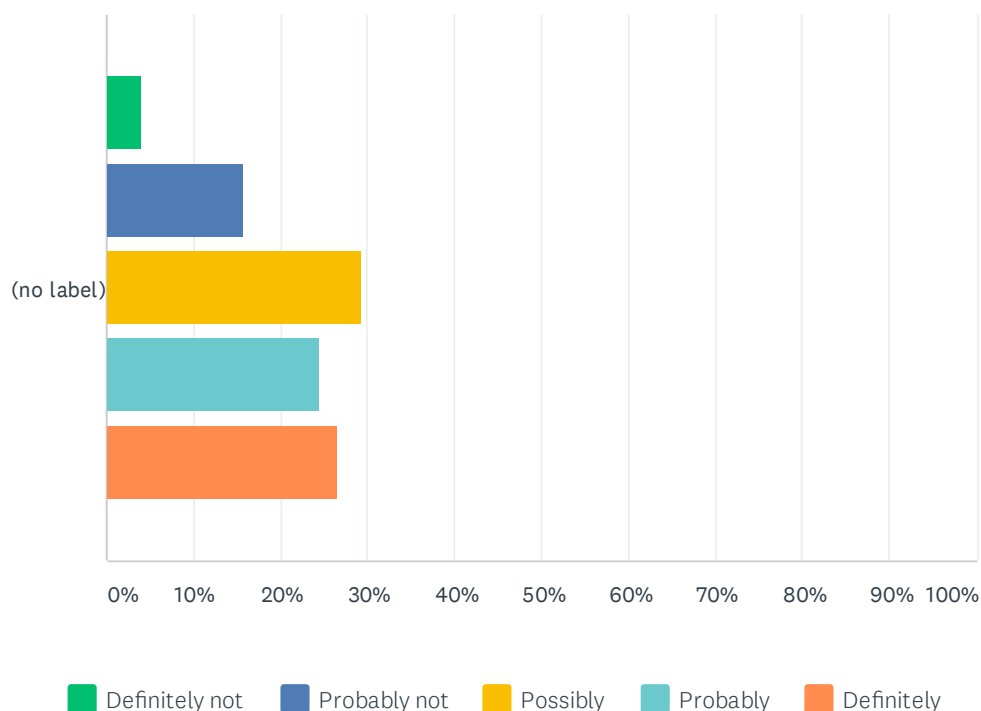
ANSWER CHOICES	RESPONSES
Often	72.27% 404
Seldom	20.57% 115
Not that I know	7.16% 40
TOTAL	559

#	COMMENT	DATE
1	Access via my institution - not via ESTRO membership.	3/4/2021 12:30 PM
2	Not in the ways you might think, but as a researcher they are references to previous work.	3/3/2021 6:50 PM
3	Sure	3/3/2021 9:09 AM
4	Radiobiologist	3/2/2021 2:39 PM
5	Always!	3/2/2021 12:40 PM
6	I do not treat patients	2/18/2021 3:15 PM
7	I am grateful for Guidelines	2/18/2021 2:43 PM
8	we an evidence-based society - and the evidence are in the journals	2/18/2021 1:36 PM
9	Often QUANTEC	2/9/2021 3:28 PM
10	We usually are front runners,that is defining the guidelines rather than following them (in all modesty)	2/9/2021 2:19 PM
11	Yes	2/9/2021 8:43 AM
12	I published regularly and therefore had to keep abreast of the scientific literature	2/8/2021 11:19 PM
13	I have institutional issues with journal access yet to be resolved	2/8/2021 8:19 PM
14	tipsRo	2/8/2021 8:05 PM
15	evidence that changes practice comes every few years in our field (not daily!)	2/8/2021 7:17 PM

16	Guidelines are important and they are followed in my institution	2/8/2021 7:14 PM
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Q38 How likely are you to publish in one of the ESTRO scientific journals?

Answered: 556 Skipped: 148



	DEFINITELY NOT	PROBABLY NOT	POSSIBLY	PROBABLY	DEFINITELY	TOTAL	WEIGHTED AVERAGE
(no label)	3.96%	15.65%	29.32%	24.46%	26.62%	556	3.54
	22	87	163	136	148		

#	IF RELEVANT, CAN YOU SPECIFY IN WHICH SCIENTIFIC JOURNAL WOULD YOU INTEND TO PUBLISH?	DATE
1	The Green Journal	3/8/2021 2:42 PM
2	Green Journal, the rest are just sidekicks	3/6/2021 6:59 PM
3	tipsRO	3/4/2021 9:41 PM
4	Green or PhiRO	3/4/2021 6:20 PM
5	phiRO	3/4/2021 12:30 PM
6	CTO	3/3/2021 7:04 PM
7	phiRO, Radiotherapy & Oncology	3/3/2021 6:50 PM
8	Green Journal	3/3/2021 5:48 PM
9	R&O	3/3/2021 10:32 AM
10	Radiotherapy and Oncology	3/3/2021 10:12 AM
11	The Green Journal and in the ctRO	3/2/2021 9:01 PM
12	Green journal	3/2/2021 4:40 PM
13	The green journal	3/2/2021 4:09 PM
14	The quality and content of my research do not qualify to the requirements of Radiotherapy and	3/2/2021 3:11 PM

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	Oncology (the green journal)	
15	Green journal	3/2/2021 3:06 PM
16	both	3/2/2021 2:39 PM
17	Green journal	3/2/2021 2:08 PM
18	Radiother Oncol	3/2/2021 1:28 PM
19	Radiotherapy and Oncology	3/2/2021 1:06 PM
20	The green journal is too clinical and most of the papers do not interest me (even remotely). I miss other content which is now included in the other subsidiary journals. PhiRO is great, but it has no impact factor yet (I know it takes time). PS: I have papers published in both journals.	3/2/2021 12:55 PM
21	Radiotherapy Oncology but almost always rejected....	3/2/2021 12:40 PM
22	phiRO, Green	3/2/2021 12:39 PM
23	The Green	2/23/2021 5:12 PM
24	I'd like to publish in the Green Journal but since It requires very high quality research It is easier to publish in ctRO or phiRO which are great journals as well	2/23/2021 11:01 AM
25	Green Journal	2/23/2021 9:58 AM
26	TipsRO	2/22/2021 4:36 PM
27	Radiother Oncol, CTRO	2/22/2021 2:50 PM
28	R&O preferably, PHIRO if not	2/22/2021 11:52 AM
29	R&O or phiRO	2/22/2021 9:49 AM
30	RO, ctRO, phiRO	2/21/2021 1:51 PM
31	R&O	2/20/2021 11:10 PM
32	Green J + phiRO	2/19/2021 12:48 PM
33	Radiation and Oncology (Green) It's a bit expensive for me right now	2/18/2021 9:42 PM
34	Radiotherapy and Oncology	2/18/2021 5:55 PM
35	The new journals have great editorial boards. The Green Journal has become old fashion, they take years to analyse a paper and eventually send to review or reject. My policy is not to put my research in the Green Journal	2/18/2021 5:33 PM
36	if it's only accepted	2/18/2021 5:01 PM
37	The Green Journal, phiRO	2/18/2021 3:15 PM
38	The green Journal	2/18/2021 2:43 PM
39	TipsRO PhiRO	2/18/2021 2:43 PM
40	Green J.	2/18/2021 2:20 PM
41	Radiation and Oncology (the green Journal)	2/18/2021 1:51 PM
42	I'm a green journal man	2/18/2021 1:36 PM
43	RO	2/18/2021 1:35 PM
44	Radiotherapy and Oncology	2/18/2021 1:30 PM
45	Radiotherapy and Oncology	2/18/2021 1:27 PM
46	Published in Green Journal	2/18/2021 1:27 PM
47	Radiotherapy and Oncology	2/18/2021 1:24 PM
48	Green Journal or PhiRO	2/18/2021 1:17 PM

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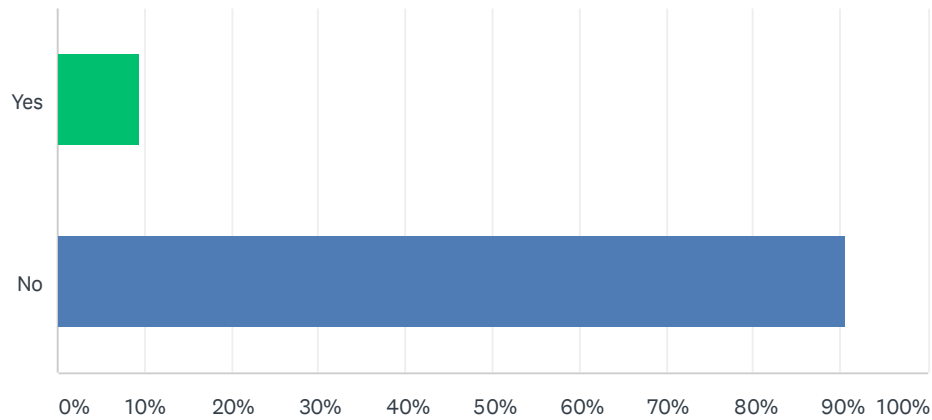
49	Radiotherapy & Oncology	2/18/2021 1:14 PM
50	Radiotherapy & Oncology	2/18/2021 1:07 PM
51	Radiotherapy and oncology...	2/16/2021 12:44 PM
52	Radiotherapy and Oncology	2/12/2021 3:00 PM
53	Green Journal tipsRO	2/10/2021 6:26 PM
54	R&O phiRO	2/10/2021 4:28 PM
55	RO	2/10/2021 4:00 PM
56	Green	2/10/2021 3:00 PM
57	Green Journal, phiRO	2/10/2021 12:19 PM
58	green	2/10/2021 12:11 PM
59	RO	2/10/2021 11:30 AM
60	Grenn Journal phiRO	2/10/2021 7:14 AM
61	RAadiotherapy and Oncology	2/9/2021 4:15 PM
62	green journal	2/9/2021 4:13 PM
63	Both Green and PhiRO	2/9/2021 2:19 PM
64	nowadays I do more practical work and no resaerch	2/9/2021 12:41 PM
65	Green j	2/9/2021 10:45 AM
66	I published a paper in the Green journal once	2/9/2021 10:14 AM
67	Green journal	2/9/2021 10:01 AM
68	Radiotherapy & Oncology	2/9/2021 9:20 AM
69	Green journal, phiRO	2/9/2021 6:50 AM
70	Green Journal	2/9/2021 2:39 AM
71	phiRO, though publication fees are not covered by my institution, so unlikely to submit there in the first (or second, etc.) instance.	2/9/2021 1:32 AM
72	Radiotherapy & Oncology	2/8/2021 11:31 PM
73	Radiotherapy and Oncology	2/8/2021 11:19 PM
74	R&O	2/8/2021 9:45 PM
75	The green journal	2/8/2021 9:42 PM
76	Green journal, PhiRO	2/8/2021 8:53 PM
77	tipsRo	2/8/2021 8:05 PM
78	The Green Journal	2/8/2021 7:37 PM
79	R&O	2/8/2021 7:36 PM
80	GREEN	2/8/2021 6:05 PM
81	Green Journal	2/8/2021 5:47 PM
82	Green journal and PhiRO	2/8/2021 5:27 PM
83	Radiotherapy and Oncology	2/8/2021 5:15 PM
84	green j	2/8/2021 5:08 PM
85	Tipspro, phiro	2/8/2021 5:06 PM
86	The Green Journal	2/8/2021 5:01 PM

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87	Radioth Oncol	2/8/2021 4:58 PM
88	Green Journal & ctRO.	2/8/2021 4:58 PM
89	Green journal	2/8/2021 4:45 PM
90	R&O, ctRO, phiRO	2/8/2021 4:41 PM
91	TipsRO	2/8/2021 4:36 PM
92	Green journal	2/8/2021 4:31 PM
93	The Green Journal or PhiRO	2/8/2021 4:30 PM

Q39 Do you follow your journals of interest on Twitter (e.g. @TipsROtweets, @PhiROtweets)?

Answered: 560 Skipped: 144



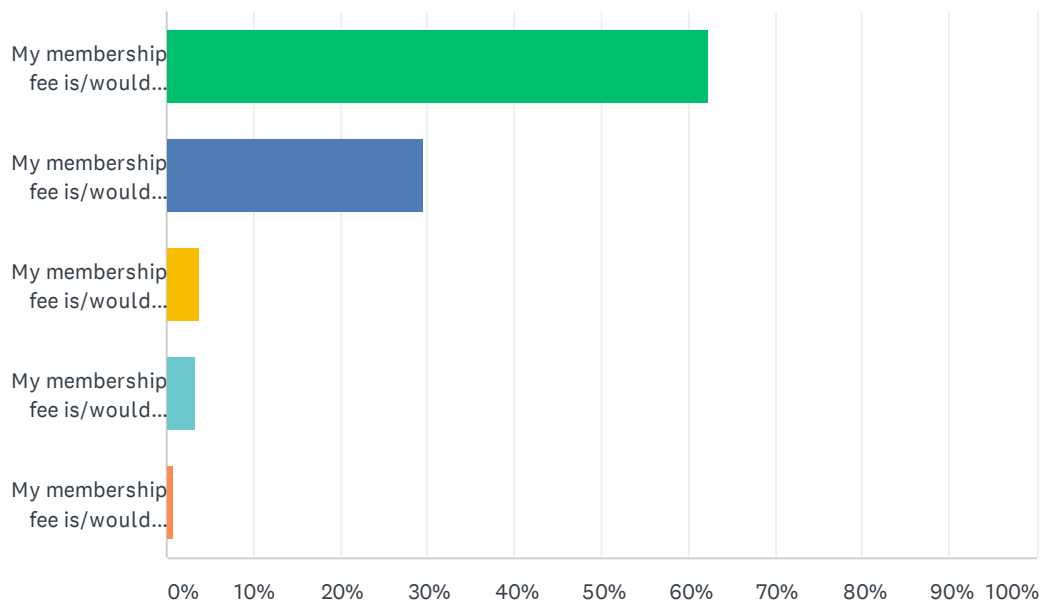
ANSWER CHOICES	RESPONSES	
Yes	9.46%	53
No	90.54%	507
TOTAL		560

Membership & Participation (ii)



Q40 How do you/would you support your ESTRO membership fee?

Answered: 556 Skipped: 148



ANSWER CHOICES	RESPONSES	
My membership fee is/would be entirely self-funded	62.41%	347
My membership fee is/would be entirely sponsored by my own institution	29.50%	164
My membership fee is/would be partially sponsored by my own institution	3.78%	21
My membership fee is/would be entirely sponsored by a third party	3.42%	19
My membership fee is/would be partially sponsored by a third party	0.90%	5
TOTAL		556

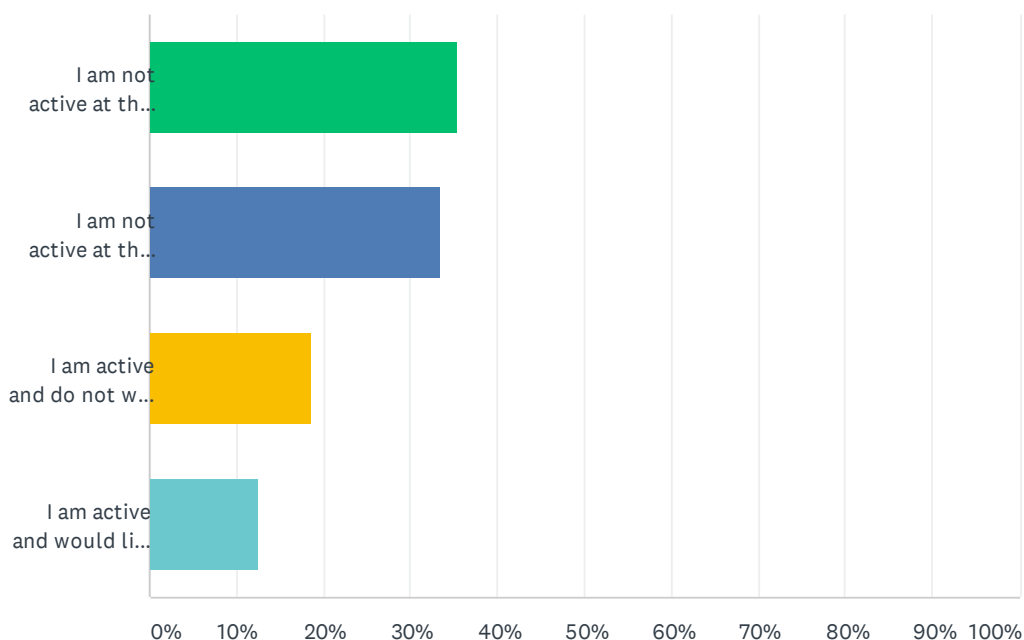
#	COMMENT	DATE
1	Furthermore, to attend courses, conference and workshops, my institution demands that I pay a membership so as to obtain the reduced fee for registration, funded by my institution.	3/4/2021 12:31 PM
2	I'm snuck it through with conference attendance a bit...	3/3/2021 6:52 PM
3	National Society member	3/3/2021 9:34 AM
4	by the society	3/3/2021 7:34 AM
5	The fee is tax deductible	2/23/2021 11:04 AM
6	In previous years I was self-funding	2/23/2021 10:00 AM
7	I expect it to be. At the moment I have to fund my membership with my own fundings	2/18/2021 9:45 PM
8	Before retirement my work related activities were funded through my institutional budget for CME	2/18/2021 7:11 PM
9	Not know yet	2/18/2021 5:02 PM
10	I think members after 40 years should be given free membership and congressfee	2/18/2021 1:38 PM

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11	as long as I am an ESTRO teacher	2/11/2021 12:33 PM
12	it will depend	2/10/2021 4:01 PM
13	RTT Alliance, fee is payed by National Society	2/9/2021 2:56 PM
14	Affiliate membership offered from another international organisation. Thank you for this opportunity!	2/8/2021 11:21 PM
15	It comes with our Canadian CARO membership (so far, which is great!)	2/8/2021 7:19 PM
16	included in my professional association dues	2/8/2021 6:19 PM
17	Serbian Society of Radiotherapy Technicians cover costs of My membership	2/8/2021 5:37 PM
18	Since I always take Affiliate Membership, I try to get it refunded from my institute; if that doesn't happen I remit the money from my own pocket.	2/8/2021 5:00 PM

Q41 Would you like to be more involved in ESTRO?

Answered: 553 Skipped: 151



ANSWER CHOICES	RESPONSES	
I am not active at the moment and would like to be	35.44%	196
I am not active at the moment and do not wish to be more involved	33.45%	185
I am active and do not wish to be more involved	18.63%	103
I am active and would like to be even more involved in the Society	12.48%	69
TOTAL		553

#	COULD YOU ELABORATE ON YOUR ANSWER?	DATE
1	yESTRO would be where I could realize my ideas, but since 2016 they managed to ignore my wish to contribute by referring to that I first had to attend an Agora and even during pandemic times where an Agora is impossible to organize, they keep referring to it. I do not find this productive.	3/6/2021 7:04 PM
2	Language issues. I find it hard to write and speak english. No problem reading english	3/4/2021 9:45 PM
3	As an industry member I feel I am a largely viewed with suspicion and prevented from active involvement.	3/3/2021 6:52 PM
4	I became 2 years ago a member of one of GEC ESTRO Group, but pandemia limited contacts	3/3/2021 5:50 PM
5	participating in congress with an abstract, or writing articles to your journals	3/2/2021 10:59 PM
6	I would like to be involved in Training and research program	3/2/2021 10:15 PM
7	Bu dont know where i could participate more	3/2/2021 9:56 PM
8	In the past I was involved in several activities, but in the recent years I have fallen out , but in spite of my age, I hope that I could join to certain activities	3/2/2021 9:05 PM
9	I am very involved with ACPSEM (Australasian college of Physical Scientists and Engineers in Medicine) and do not have the capacity to be involved with more	3/2/2021 8:15 PM

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10	I would like to participate in more international Phase III Trials (f.e.in breast Cancer)	3/2/2021 7:33 PM
11	would like to be involved in task group or scientific comitee etc...	3/2/2021 4:34 PM
12	I have no time for further activities right now	3/2/2021 4:32 PM
13	As my final examinations are coming soon, if I succeed and am relieved of that big stress coming up, I would definetly like to be part of the ESTRO community more than i do now.	3/2/2021 4:11 PM
14	Tumor Board, Leadership ESTRO program, ESTRO schools and workshops	3/2/2021 3:26 PM
15	As chief of medical physics I have not enough time to be involved in task group but I'm very interested by the subjects proposed at the last physics workshop	3/2/2021 1:46 PM
16	At the moment I only act as a reviewer for the conference. I would be happy to help in other ways	3/2/2021 1:29 PM
17	In future	3/2/2021 1:10 PM
18	I am very busy now. Finishing my PhD and my family (disabled daughter) requires a lot of time.	3/2/2021 12:57 PM
19	I am involved enough already but there was a posibility to act as mentor for Young persons that I accepted. I would like to do that, should the possibility come back again.	3/2/2021 12:52 PM
20	I am the national representative and would like to be involved more. Especially by organizing the first ESTRO annoual meeting in Greece....	3/2/2021 12:42 PM
21	too old	3/2/2021 12:41 PM
22	reasion is, I'm retired	3/2/2021 12:40 PM
23	Be part of a working group	3/2/2021 12:39 PM
24	I read ESTRO newsletters and interact which some members who share the same research and clinical interests	2/23/2021 11:04 AM
25	I would love to be more involved; however, it is REALLY not clear how to do this	2/22/2021 4:36 PM
26	Happy to do article reviews if requested	2/20/2021 11:10 PM
27	Have been very active, my level has reduced and I am comfortable with it	2/19/2021 12:49 PM
28	Depends on topic	2/19/2021 10:00 AM
29	Very keen to be involved in committees, advocacy, guideline writing, support, etc...	2/19/2021 2:14 AM
30	I love coming together with other like-minded people from our community, but being from Australia, I don't get to do this very often.	2/18/2021 10:54 PM
31	I can be contacted regarding any activities I can partake. I have organized conferences and chaired events in North America. But my outreach in ESTRO leadership is rather new. Wish there was a relationship manager who can help newer and interested acadmeic/staff rad oncs to contribute to the organization	2/18/2021 9:56 PM
32	Retired from academic position in 2017, and continue to be interested to stay abreast with developments and research.	2/18/2021 7:11 PM
33	I would be very happy to help in the organisation of biology courses. I find the level has declined over the last years. Certain biological concepts are unknown for our community and will continue to be if the level is not improved.	2/18/2021 5:34 PM
34	Would be thrilled to be more involved in Working Groups or other committees	2/18/2021 4:35 PM
35	I would be interested in service and/or leadership roles	2/18/2021 4:13 PM
36	Currently I'm on the TTG / mobility grant review committee and I would be happy to contribute more if needed	2/18/2021 4:06 PM
37	taskforces, working groups	2/18/2021 3:22 PM
38	Im am not sure how active is defined. I am often submitting abstracts and attending pre	2/18/2021 2:45 PM

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	meeting course's but I would also be interested in being further involved.	
39	Not 'active' (apart from an occasional lecture) due to time restrictions; not likely to change soon...	2/18/2021 1:55 PM
40	All the activities where I am involve in ESTRO help me to be up-to-date in Radiation Oncology. I am also active in my National Society and I would be happy of being also more closely involved in ESTRO.	2/18/2021 1:37 PM
41	Last year I was registered on live ESTRO congress. But it was changed via on-line because of COVID-19 and it wasn't possible for me. So, my insyitution should payed the fee of cancelletion and I'm not sure that my visiting would be possible in the future.	2/18/2021 1:29 PM
42	I am happy to give congress talks on live events and did so before. However, I cannot imagine to take over any other role.	2/18/2021 1:29 PM
43	I will be interested to be involved in research project and working groups	2/18/2021 1:19 PM
44	Active enough!	2/18/2021 1:18 PM
45	I would like to be more actively involved as a speaker, as a teacher in courses and in a congress scientific committee.	2/12/2021 3:03 PM
46	..at the moment. Not enough time to cover more than I already do.	2/10/2021 9:03 PM
47	I don't know how to become involved with ESTRO. It seems very much like a club that I can't get into	2/10/2021 7:46 PM
48	I am active in the international RT QA GHG group and with my full time job may not have the time to commit further	2/10/2021 6:28 PM
49	making my participation easier	2/10/2021 12:11 PM
50	Keen to be involved in editorial work - I have past experience as senior associate editor IJROBP Also would like opportunity to chair sessions at annual meeting More work with ESTRO school - interested in teaching on Prostate Brachytherapy Course	2/10/2021 11:32 AM
51	In 2-5 years I want to be an ESTRO Board member	2/9/2021 7:28 PM
52	I am in a really busy period of my live with small children, maybe later	2/9/2021 4:15 PM
53	I am member of the RTTC and NSC, als working in guidelines through ACROP	2/9/2021 2:56 PM
54	but only if my employer allows me to (which is unfortunately less frequently so)	2/9/2021 2:20 PM
55	Happy to help for the teaching curriculum selecting the best speakers. Also I wonder if ESTO should be more active singling out major breakthrough in our field	2/9/2021 1:22 PM
56	Currently retired but have been active in the past. Path to involvement in committees, working groups etc not clear.	2/9/2021 9:22 AM
57	I would like to participate somehow in the scientific work, e.g. reviewing abstracts etc.	2/9/2021 6:57 AM
58	I am active within my national non-European organisation, and would be happy to build collaborations.	2/9/2021 1:33 AM
59	if the opportunity is involved	2/9/2021 1:32 AM
60	Willing to participate in ESTRO regional activities in Asia	2/9/2021 1:32 AM
61	An Australian and active in RANZCR governance	2/8/2021 11:31 PM
62	Not actively and unlikely to be more involved.	2/8/2021 11:21 PM
63	I retired from full-time research in 2015. Since then I've been co-authoring and co-editing books on Radiotherapy Physics.	2/8/2021 11:21 PM
64	way overcommitted at work already	2/8/2021 10:47 PM
65	I am keen to invest time in developing global radiotherapy for LMIC's.	2/8/2021 10:13 PM
66	No time for additional responsibilities	2/8/2021 8:19 PM

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67	I'm an ESTRO FELLOW and already applied to the mentoring program. I'd like to be more invilved in ESTRO.	2/8/2021 8:18 PM
68	It is very unclear to me what the channels are to get more involved in ESTRO. To be honest, it usually seems like it comes down to knowing the right people, which is unfortunate - particularly from a diversity and inclusion perspective.	2/8/2021 6:45 PM
69	I am a CEO consultant and have been an executive at Elekta, Nucletron, Philips, ADAC labs, and several non-RO companies over my career. I have negotiated with Varian, Siemens, GE and dozens more. I see the need for vendor neutrality but that vendors' public quarterly reports drive unintended consequences harm that the growth and clinical outcomes of ESTRO. We can do better within ESTRO and globally	2/8/2021 6:09 PM
70	I don't know how to start to be more active.	2/8/2021 6:06 PM
71	It would be nice to have a platform where researchers could connect/post projects - looking for collaborators	2/8/2021 6:02 PM
72	I attend the annual meeting sometimes and some of the teaching courses. I am happy with that level of involvement.	2/8/2021 6:00 PM
73	I would like to get involved more with the ESTRO teaching course or task / working groups.	2/8/2021 5:55 PM
74	I am heavily involved in AAPM. I like the ESTRO community as well and would be interested in becoming involved there too.	2/8/2021 5:29 PM
75	My profesional (and personal) schedule is too full now	2/8/2021 5:26 PM
76	teaching course program annual ESTRO	2/8/2021 5:09 PM
77	Due to Corona, there is a lot of additional work within the Family.	2/8/2021 5:07 PM
78	Local, state & national commitments keep me busy, as well as personal life. If I do take up some (non-academic) active role in ESTRO, I won't be able to do it justice, and that's just bad & sad...	2/8/2021 5:00 PM
79	I remain always prepared to increase again my investment into the life of ESTRO!	2/8/2021 4:50 PM
80	It would be nice that Physician Assistants can be also more involved @ Estro	2/8/2021 4:41 PM
81	My level in English isn't enough to allow being involved in ESTRO	2/8/2021 4:37 PM
82	Currently feels like a small group on 'Estro' individuals that are involved in ESTRO conference, workshops etc. Would be good to widen out to gain greater diversity of involvement.	2/8/2021 4:34 PM
83	I am a resident and PhD candidate, so I am at the beginning of my career, but I would love to get involved in ESTRO	2/8/2021 4:32 PM

Q42 In which areas would you like to contribute to the society?

Answered: 176 Skipped: 528

#	RESPONSES	DATE
1	Radiotherapy	3/8/2021 11:37 AM
2	yESTRO, ESTRO School, medical students	3/6/2021 7:05 PM
3	clinical skills development	3/5/2021 9:44 PM
4	medical physics	3/5/2021 1:16 PM
5	Physics committee	3/4/2021 6:22 PM
6	Workshops and working groups/task force.	3/4/2021 12:33 PM
7	clinical, young	3/4/2021 8:15 AM
8	be a part of international Research Gropu	3/3/2021 5:51 PM
9	No contribution	3/3/2021 3:13 PM
10	Stereotactic RT, IORT, Radio Imuno Oncology	3/3/2021 3:11 PM
11	Courses, more practical applications	3/3/2021 2:06 PM
12	brachytherapy	3/3/2021 11:50 AM
13	Europa	3/3/2021 10:35 AM
14	Research community	3/3/2021 10:13 AM
15	don't Know	3/3/2021 8:34 AM
16	physiscs	3/2/2021 11:01 PM
17	Research	3/2/2021 10:15 PM
18	Med Phy Radiotherapy Clinical	3/2/2021 9:57 PM
19	I would highly appritiate to become an editor of a Journal belonging to ESTRO, or become a committee member	3/2/2021 9:09 PM
20	community	3/2/2021 8:53 PM
21	Breast cancer, Melanoma	3/2/2021 7:33 PM
22	Research & Presentation	3/2/2021 5:48 PM
23	Clinical projects	3/2/2021 5:45 PM
24	Radiation therapy	3/2/2021 4:41 PM
25	task group, teaching in Estro school	3/2/2021 4:36 PM
26	I actually don't know how to do so, maybe in young ESTRO when I get my final diploma of RO?	3/2/2021 4:12 PM
27	Physiks	3/2/2021 4:03 PM
28	head and neck cancer, supportive care, chemoradiation, predictors and prognosis, bioradiotherapy	3/2/2021 3:27 PM
29	Implementationin a poor resource setting	3/2/2021 3:13 PM
30	education for low budget	3/2/2021 2:31 PM
31	Studies	3/2/2021 2:18 PM

ESTRO community survey - Putting ESTRO's added value into focus

32	Task forces and committees	3/2/2021 2:11 PM
33	physics TG	3/2/2021 1:47 PM
34	task force	3/2/2021 1:43 PM
35	Link towards private practice	3/2/2021 1:43 PM
36	Brachytherapie	3/2/2021 1:41 PM
37	Brachytherapy and craneal radiosurgery	3/2/2021 1:36 PM
38	GEC ESTRO	3/2/2021 1:30 PM
39	Physics	3/2/2021 1:29 PM
40	Physics committee and workgroups	3/2/2021 1:21 PM
41	MRI physics	3/2/2021 1:10 PM
42	Physics	3/2/2021 1:00 PM
43	Health	3/2/2021 12:43 PM
44	By organizing the first ESTRO annual meeting in Greece...	3/2/2021 12:43 PM
45	medical physics	3/2/2021 12:40 PM
46	Helping in the journals	3/2/2021 12:36 PM
47	clinical	3/2/2021 12:34 PM
48	RTT research	3/2/2021 12:33 PM
49	teaching courses, development of international studies	3/2/2021 12:33 PM
50	GYN BRACHYTHERAPY	3/2/2021 12:30 PM
51	Young Society with focus on research and educational events	3/2/2021 12:27 PM
52	Dosimetry	2/27/2021 9:02 AM
53	education - scientifically imaging	2/26/2021 12:22 PM
54	Brachytherapy and Gynecology Oncology	2/23/2021 6:09 PM
55	Quality assurance, clinical trials	2/23/2021 10:05 AM
56	IGRT, Adaptive, SGRT	2/22/2021 4:37 PM
57	ELECTRONIC BRACHYTHERAPY	2/22/2021 2:16 PM
58	Any	2/22/2021 11:53 AM
59	WESTRO, yESTRO	2/22/2021 9:53 AM
60	Radiotherapy	2/22/2021 9:30 AM
61	teaching in courses, organize local courses for trainers and ther countries for researcho, involved in with	2/21/2021 6:43 PM
62	committee membership for non-European member	2/21/2021 3:21 PM
63	SPC, SC	2/21/2021 1:52 PM
64	Clinical	2/21/2021 11:09 AM
65	international middle low income countries supoprt and education	2/21/2021 1:34 AM
66	limited	2/20/2021 11:11 PM
67	Brachytherapy, GYN, GU	2/19/2021 7:42 PM
68	clinical science	2/19/2021 10:39 AM
69	Urology and Pituitary adenomas	2/19/2021 10:01 AM

ESTRO community survey - Putting ESTRO's added value into focus

70	Education	2/19/2021 8:54 AM
71	Brachytherapy	2/19/2021 8:48 AM
72	Guideline writing, serving on committees	2/19/2021 2:15 AM
73	Committees, task groups, research collaboration, organizing events, website	2/18/2021 9:57 PM
74	Breast, Lung	2/18/2021 9:46 PM
75	Radiotherapy, Bht	2/18/2021 9:34 PM
76	Radiation Oncology	2/18/2021 8:54 PM
77	Medical physics	2/18/2021 7:35 PM
78	Formation	2/18/2021 7:19 PM
79	Transfer of RT to poorer countries	2/18/2021 6:34 PM
80	Education	2/18/2021 6:28 PM
81	Guidelines, Studies, Education	2/18/2021 6:26 PM
82	radiobiology	2/18/2021 6:21 PM
83	Scientific area, prostate cancer, head and neck cancer, GI cancer	2/18/2021 5:56 PM
84	head and neck oncology	2/18/2021 5:49 PM
85	Treatment delivery technology, breast cancer	2/18/2021 5:44 PM
86	BRACHYTHERAPY	2/18/2021 5:37 PM
87	Gynecological cancer, prostate cancer, biology, immunology	2/18/2021 5:35 PM
88	Medical Physics	2/18/2021 5:21 PM
89	Physics	2/18/2021 5:02 PM
90	Committee membership or Working Groups	2/18/2021 4:35 PM
91	I would be interested in participating in education development	2/18/2021 4:14 PM
92	Education, life of the society	2/18/2021 4:07 PM
93	RT plan evaluation	2/18/2021 4:00 PM
94	Organization of workshops, chairing sessions	2/18/2021 3:45 PM
95	taskforces, workshops, course teacher	2/18/2021 3:22 PM
96	physics	2/18/2021 3:16 PM
97	RTT	2/18/2021 2:46 PM
98	Medical Physics	2/18/2021 2:21 PM
99	Head and Neck, Particle Therapy, IORT	2/18/2021 2:17 PM
100	Access to radiotherapy	2/18/2021 1:58 PM
101	Anywhere the Society could need my contribution	2/18/2021 1:50 PM
102	Education, Brachytherapy	2/18/2021 1:38 PM
103	Morbidity research	2/18/2021 1:28 PM
104	RTT Estro Comitee	2/18/2021 1:27 PM
105	research	2/18/2021 1:26 PM
106	Clinical research project	2/18/2021 1:19 PM
107	IGRT, ESTRO school, RTT committee, congres	2/18/2021 1:14 PM

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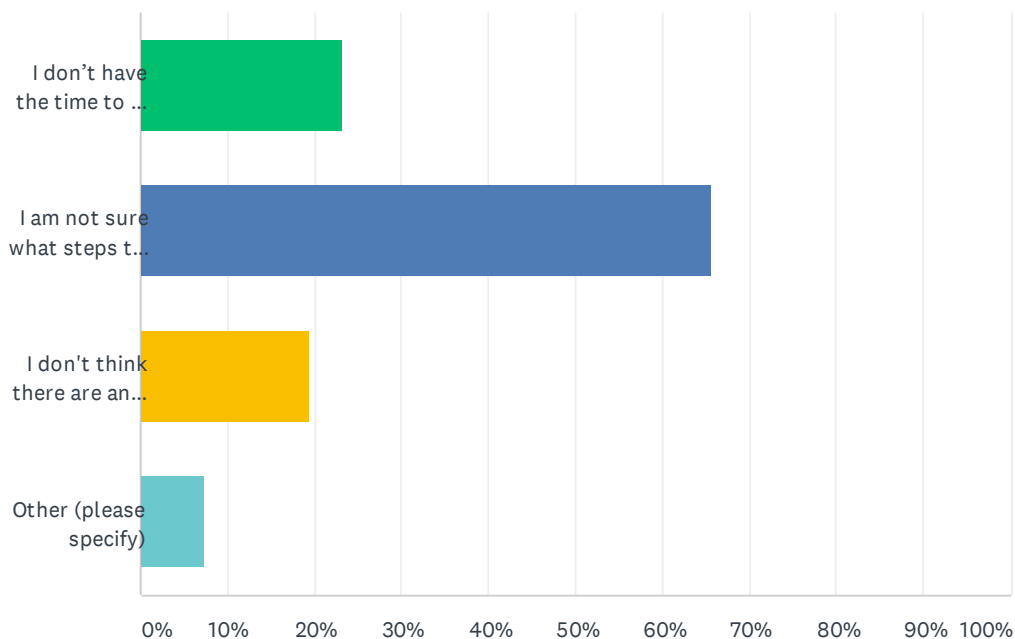
108	Something interesting that could also help my career	2/16/2021 12:46 PM
109	Lung cancer, Uro-oncology	2/13/2021 4:40 PM
110	I would like to be more actively involved as a speaker, as a teacher in courses and in a congress scientific committee.	2/12/2021 3:03 PM
111	Automation in Radiation Therapy	2/12/2021 2:32 PM
112	teaching, guidelines / ACROP activities, workshops	2/11/2021 12:34 PM
113	Estro young	2/11/2021 10:56 AM
114	physics, young community	2/10/2021 4:02 PM
115	clinical research	2/10/2021 12:12 PM
116	review submitted abstracts	2/10/2021 11:36 AM
117	Guidelines	2/10/2021 11:33 AM
118	Research, Organization, Collaboration.	2/10/2021 9:27 AM
119	QA, medical physics in the clinic	2/10/2021 7:16 AM
120	opinion making to hot topics with global experts	2/10/2021 3:17 AM
121	Medical Physics Workforce Issues, Medical Physics Legal issues	2/10/2021 12:24 AM
122	Education	2/9/2021 11:22 PM
123	Publications, social media	2/9/2021 10:18 PM
124	Gyn cancer	2/9/2021 9:48 PM
125	Committee	2/9/2021 7:28 PM
126	Teaching and management	2/9/2021 6:57 PM
127	QA transit dosimetry	2/9/2021 6:06 PM
128	A chance to close the gap between country-standards/practice.	2/9/2021 4:21 PM
129	Risk management	2/9/2021 4:00 PM
130	Physics,mainly dosimetry and QA	2/9/2021 2:21 PM
131	teaching, writing recommendations/guidance docs	2/9/2021 2:16 PM
132	education and innovations	2/9/2021 1:23 PM
133	Brachytherapy	2/9/2021 12:42 PM
134	Gecestro	2/9/2021 11:32 AM
135	Working groups	2/9/2021 11:13 AM
136	Physics & radiobiology	2/9/2021 9:22 AM
137	Marketing and management	2/9/2021 8:10 AM
138	scientific (physics)	2/9/2021 6:58 AM
139	What dose "areas" mean? I can't answer	2/9/2021 2:45 AM
140	Radiobiology, Translational Research	2/9/2021 1:45 AM
141	Events, educational programs	2/9/2021 1:33 AM
142	Research projects, teaching activities, global radiotherapy	2/8/2021 10:14 PM
143	nil	2/8/2021 9:44 PM
144	education	2/8/2021 9:44 PM
145	training	2/8/2021 9:07 PM

ESTRO community survey - Putting ESTRO's added value into focus

146	Prostate, IORT and Brachytherapy	2/8/2021 8:40 PM
147	Taskforce	2/8/2021 8:19 PM
148	Rtt community	2/8/2021 8:08 PM
149	In the live course area for junior doctors	2/8/2021 7:55 PM
150	in any position you need help	2/8/2021 7:38 PM
151	Particle radiotherapy, head&neck, health economics	2/8/2021 6:52 PM
152	Guideline development, organizing scientific meetings, workshops, teaching	2/8/2021 6:45 PM
153	As the senior members suggest	2/8/2021 6:41 PM
154	working groups	2/8/2021 6:33 PM
155	committees	2/8/2021 6:32 PM
156	Machine learning in Radiation Oncology.	2/8/2021 6:23 PM
157	speaking, vendor relations, vendor neutral policy development	2/8/2021 6:11 PM
158	physics, radiation oncology	2/8/2021 6:06 PM
159	Clinical radiation oncology	2/8/2021 5:58 PM
160	Physics, future role / profile of medical physicist	2/8/2021 5:56 PM
161	SBRT, intraoperative	2/8/2021 5:43 PM
162	RTT	2/8/2021 5:37 PM
163	Anything in the scientific part	2/8/2021 5:30 PM
164	Policy and implementation guidelines	2/8/2021 5:30 PM
165	Gynecologicalc cancer	2/8/2021 5:21 PM
166	Reviewing	2/8/2021 5:20 PM
167	ESTROyoung; advocacy; education	2/8/2021 5:10 PM
168	see previous answer	2/8/2021 5:09 PM
169	Organization of scientific events.	2/8/2021 5:07 PM
170	Science	2/8/2021 4:52 PM
171	Wherever I might be useful!	2/8/2021 4:50 PM
172	Medical physics	2/8/2021 4:48 PM
173	Radiation Physics Planning advancements with new systems and LINACs.	2/8/2021 4:40 PM
174	Pediatric Radiation Oncology	2/8/2021 4:40 PM
175	clinical trials and medical physics	2/8/2021 4:39 PM
176	young ESTRO	2/8/2021 4:32 PM

Q43 What would be the barriers to you becoming more involved in ESTRO's activities?

Answered: 263 Skipped: 441



ANSWER CHOICES	RESPONSES	
I don't have the time to be more involved with ESTRO	23.19%	61
I am not sure what steps to follow to take on a more active role within ESTRO	65.78%	173
I don't think there are any specific barriers	19.39%	51
Other (please specify)	7.22%	19
Total Respondents: 263		

#	OTHER (PLEASE SPECIFY)	DATE
1	yESTRO is not interested, every other part of ESTRO I contacted keeps referring me to yESTRO	3/6/2021 7:05 PM
2	Depends on the time needed	3/4/2021 6:22 PM
3	Freedom to do so would be entirely self funded.	3/4/2021 12:33 PM
4	Being an industry member	3/3/2021 6:53 PM
5	the pandemic	3/2/2021 11:01 PM
6	I come from a low income country. My salary is not enough to pay estro memeber fee..and other activities ...so i put that for some better times:)	3/2/2021 2:09 PM
7	I guess it's a mixture of the first two. I don't always feel I have the time, and when I do there is the question of how to go about it.	2/22/2021 9:53 AM
8	Happy to do journal reviews if requested	2/20/2021 11:11 PM
9	The english language skills	2/19/2021 2:55 PM

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10	Have not been approached.	2/19/2021 2:15 AM
11	I am not certain I would have the logistics (time and resources) to faithfully duties of active involvement in the organization	2/18/2021 6:36 PM
12	ESTRO activities appears very important, too much for me	2/18/2021 2:46 PM
13	Already involved.	2/18/2021 2:03 PM
14	currently radiation oncologist in training. Not clear which focus or subspecialty I will conduct in the future	2/18/2021 1:49 PM
15	ESTRO needs to be transparent about how to apply for posts such as editorial and guidelines groups rather than people being 'chosen'	2/10/2021 11:33 AM
16	The mainstream research and talk revolves and focuses on centers/countries with better equipment/teams/means, as expected. Even within EU zone, even within the same country, the practices could be so different. There are centers who are lagging behind, unable to follow novel technologies. Their communities suffer because of this, getting substandard treatment compared to pioneer centers. I don't think we are addressing this gap as much as we should.	2/9/2021 4:21 PM
17	Only Affiliate membership.	2/8/2021 11:21 PM
18	Already involved with the ACPSEM	2/8/2021 9:07 PM
19	You probably need to know the right people!	2/8/2021 4:35 PM