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Sharon Cox
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(Chair, Programme
Committee)

Andrea Hayes-Jordan
Washington DC, USA

Jonathan Karpelowsky
Sidney, Australia

Israel Fernandez-Pineda
Sevilla, Spain

Paul Losty
Liverpool, UK
President- Elect

IPSO Newsletter: February 2022

Dear Friends,

Although unthinkable 2 years ago, our world is still suffering the effects of the COVID-19 pandemic. During this long journey, we have found the way to continue delivering surgical treatment to children affected by cancer. Last year IPSO hosted a 2nd virtual annual meeting, again attended by a record number of participants from many countries in the five continents, and celebrated its 30th anniversary with a good health against all odds.

This year, IPSO and SIOP have decided that it is time to go back to a presential congress. Our next annual meeting in Barcelona will give us a wonderful opportunity to meet again in person, and keep working together to improve our patient's lives.

Besides this, we have more exciting news to share with you in the following pages.

Hoping to see you soon,

Pablo Lobos
Secretary, IPSO

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IPSO 2022
INTERNATIONAL SOCIETY OF PEDIATRIC SURGICAL ONCOLOGY
Barcelona, Spain // September 28 - October 1, 2022



Abstract submission deadline is **April 4, 2022**

Remember: Only paid-up IPSO members get a discounted rate

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Renew Your Membership Today!

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I. PRESIDENT'S MESSAGE

Dear friends around the world,

I would like you to join me to celebrate the great achievement of our **30th anniversary**. By the brilliant hands and minds of these people, this society has become what it is today. When I received the honour of becoming the IPSO president, I started thinking how could I serve in the best way.

With the aim to be the leading organization in Pediatric Surgical Oncology and with the resources we had: Motivated experts in the various committees, Expertise also among membership, Excellence, Global, Knowledge, No boundaries, Aggregating, Welcoming, Friendship, Commitment, Credibility, stable Finances, I decided that the best way would be to give visibility to IPSO, to build bridges and to make connections.

In a synchronous way, many opportunities appeared, and I would like to make a summary of what we have accomplished so far:

- 1- **IPSO guidelines**: a 274 pages document with 19 guidelines, 84 authors, was built having authors from HIC and LMICs, validated both by the Education Comm and EC. The guidelines have been submitted to publication in E- cancer free of charge, and they are now published. I would like to acknowledge Ted Gerstle, chair of the Education Comm, along with Hafeez Abdelhafeez, Ahmed Elgendy, Jonathan Karpelowsky, Israel Pineda, Sharon Cox, Pamela S. De La Grange and the members of the EC: Jörg, Pablo, Sharon, Israel, Andrea, Marc and especially Chan Hon, whose support was of essence for this to happen. A huge word of gratitude for all the contributing authors that made this a very important accomplishment for our society!
- 2- **IPSO fellowship program** was launched and will be piloted in African and Latin American countries. Initially we intend to prioritize LMICs and validate the program in the pilot countries. After that, we wish to cover special needs for every country.
In parallel to this initiative, we have:
 - a) Built a metric tool (**PrOFILE-ST**) to evaluate the impact of the initiative.
 - b) Established partnerships and agreements with local universities, medical societies, ministries of health that are giving full support to the project.

- c) Agreement with **Cure4Kids** to host IPSO educational initiatives, including evaluation tools and certification. In the future this can be linked to CME credits.
 - d) A curriculum for the fellowship was built.
 - e) Funding for the project.
 - f) IPSO and local faculty.
 - g) Questionnaire to identify regional training hubs among members. Doing this we were also able to better know our membership. We have invited centers that met selected criteria to advertise their fellowship program in the IPSO site.
- 3- We have signed a **MoU with SIOP** and another should be signed soon with **St Jude Children's Research Hospital**. I would like to thank Kathy Pritchard-Jones, Michael Sullivan, Mohamad Saghir, Carlos Rodriguez-Galindo, Daniel Moreira, Hafeez Abdelhafeez, Andy Davidoff, Paola Fridrich, Miriam Gonzalez, Madison Bass, Nickhill Bhakta, Kokila Lakhoo, Noel Peter for the fruitful partnership and support. Other partnerships were established with the **WHO, GICS, Global NCDs, SLAOP, APSO, GRECOP, EUPSA**: Sabine, Jörg and Marc have built a very good program on Pediatric Surgical Oncology for EUPSA, that can be delivered in other continental meetings as well. Others will come. SIOP continental meetings will include surgical sessions supported by IPSO, we already had IPSO sessions in Latin America and soon there will be IPSO sessions in Asia and Africa, with outstanding programs. Hafeez and I are the IPSO representatives in SIOP PODC. I would like to make a word of recognition to Andre Ilbawi, Roberta Ortiz and all the WHO team for our nice partnership.
- 4- **Digital media**: periodic deliveries are being made. Content is approved by the Education Comm. and papers of interest are indicated. Thanks to José Manuel Campos Varas for sending the monthly list and for the members of the Education Comm. and Alexander Siles and Ines Sueiras.
- 5- **IPSO Research**: In order to support global studies, to promote exchange and equity, to enhance research culture, and to provide opportunities for a greater number of patients to be included in studies, IPSO will pilot a project to bring together interested members to participate in research studies aimed at improving surgical care in children with cancers. We are aware of challenges regarding disparities among countries and IRB approvals. IPSO will work as a facilitator for members to get in contact and to enroll a greater number of patients in their research projects. Evaluation forms were built and after approval, PIs will receive a letter from the secretary, who will also invite the membership to participate in the project and contact the PI.
- 6- **WHO initiative**
- a) IAEA-IARC-WHO annual strategic consultation: In December 2020, the World Health Organization (WHO) hosted an online consultation on the methodology of **imPACT Reviews**, which assess a country's cancer control capacities and needs and identify priority interventions to effectively respond to its cancer burden. The consultation was also attended by representatives from the International Atomic Energy Agency (IAEA) and the International Agency for Research on Cancer (IARC).

The objectives of this partners meeting were to examine the imPACT Review methodology, to identify priority countries for action in 2021, and to formulate new joint strategies and initiatives to enhance and accelerate the support provided by IAEA, IARC, and WHO for government cancer control actions.

- b) St Jude Global Alliance Convening: very insightful event that gathered all stakeholders. Wonderful achievements were made within a year.

- c) WHO initiative (Simone, Hafeez and Jonathan as IPSO representatives): Wilms Tumour Practice Brief: A Set of Priority Interventions to Support the implementation of Cureall Framework-Pillar 3

7- **ARIA: Adapted Resource and Implementation Application (ARIA)** is a clinical tool that addresses a global need for comprehensive, resource-adapted childhood cancer treatment guidance. St. Jude Global and SIOG have partnered together with several leading global organizations to create resource-stratified, evidence-based guidelines and tools to help provide healthcare professionals all over the world the necessary information in their efforts to safely diagnose, treat and manage childhood cancer wherever they practice.

IPSO logo was included in this tool and we are giving surgical input on the platform.

8- New version of the IPSO Bylaws was approved.

9- **Patient and parent information:** initial steps are being made with the support from the Young Surgeons Comm. We were offered Disney designers for free for that project. Thanks to Luca Pio, Alexander Siles, Fernanda, Souza, Kagiso Batka, York Lee, Tim Lautz. This very motivated committee is also working on multidisciplinary sessions together with SIOG Young investigators Comm. By their claim, we are working on ways to attract more young surgeons from LMICs providing lower member fees.

10- We piloted a new format of the Education day that has proven successful, having young surgeons talks mentored by senior surgeons. Luca Pio and Peter Erlich were the chairs of the Education day program (thank you both!). We have also included young surgeons as chairs and speakers in the main program. They are also making important contributions on educational initiatives and working on contacts in countries where we still don't have many members.

11- I would like to thank our program chair, Pablo Lobos along with Sharon Cox and Israel Pineda for the outstanding program provided. Their commitment with the everchanging demands due to new formats needed due to the pandemic was outstanding. I would like to announce that Pablo has ended his term as program chair and we are lucky to have him elected as our new secretary. Sharon will be our new program chair on her second term and is also the IPSO SC representative She will work with Israel. Thanks to Syd Johnson, our local organizer this year.

Jonathan and Paul, welcome to the EC. I am sure your contributions will be very important for our society. I would like to thank the members of the nomination comm. and those who stood for elections. Your Presence (in capital letters) is very much appreciated in our society

and all your accomplishments and contributions are recognized. Also a word of recognition for Jörg Fuchs, who is leaving the EC this year. Thank you for your service and advices.

12- Thanks to Chan Hon, Steve, Larry, Dan and Bruce for the historical documents.

13- Chan Hon, you are a bright star! You have been working so hard for IPSO for all these years with transparency, honour, justice, kindness. You are a very dear friend of mine and I am sure that all the presidents that worked with you will agree with me how important your advices were to all decisions made. Thank you so much for all that you have done for me, for all of us!

Finally, I would like to thank you all for your support.

Happy birthday IPSO, cheers!

Simone Abib

IPSOPresident

II. CHANGES IN THE EXECUTIVE COUNCIL

With the completion of the Executive Council (“EC”) elections and our annual meeting online, we are happy to announce the following changes to the Executive Council:



Paul Losty (UK) has been elected by the membership as the new President of IPSO. During this year, he will participate in the EC as President- Elect, accompanying the 2nd year of Simone Abib as President. Dr Losty has served as IPSO EC member-at-large some years ago.



Pablo Lobos (Argentina) has been elected as Secretary of IPSO. He has served as EC member-at-large for 4 years, and as the last Program Director. You will be receiving e-mails and letters from him.



Jonathan Karpelowsky (Australia) has been elected as new Executive Council member-at-large. We are looking forward to his contributions to IPSO.



Chan Hon Chui (Singapore) has stepped down as IPSO Secretary and EC member after 6 years. We are all grateful for his service and his many contributions to the improvement of our society. We will miss him.

Executive Council 2021-2022

President:	Simone Abib (Brazil)
President- Elect:	Paul Losty (UK)
Secretary:	Pablo Lobos (Argentina)
Treasurer:	Marc Wijnen (Netherlands)
Programme Chair:	Sharon Cox (South Africa)
Members:	Andrea Hayes-Jordan (USA)
	Jonathan Karpelowsky (Australia)
	Israel Fernandez-Pineda (Spain)

III. COMMITTEES

A. Constitution & Bylaws Committee

Objective:

- Review the Constitution & Bylaws of IPSO.
- Recommend any amendments to the Constitution and Bylaws to ensure that they reflect the current practice in IPSO.

Members: Chan Hon Chui (Singapore)
 Pablo Lobos (Argentina)
 Simone Abib (Brazil)

B. Education Committee

Objective:

- Advancement of education in paediatric surgical oncology.

Members: Ted Gerstle (USA) (Chair)
Abdelhafeez Abdelhafeez (USA)
Jonathan Karpelowsky (Australia)
Israel Fernandez-Pineda (Spain)
Ahmed Elgendy (Egypt)
Simone Abib (Brazil)
Sharon Cox (S Africa)

C. Programme Committee

Objective:

- Develop the scientific programs for the IPSO's annual congress and all other IPSO meetings held jointly with other organizations.

Members: Sharon Cox (South Africa)(Chair)
Paul Losty (UK)
Simone Abib (Brazil)
Marc Wijnen (Netherlands)
Israel Fernandez Pineda (Spain)
Andrea Hayes-Jordan (USA)
Pablo Lobos (Argentina)
Jonathan Karpelowsky (Australia)

D. IPSO Young Surgeons

Objective:

- To engage young surgeons with interest in paediatric surgical oncology
- To nurture and develop the potential of young surgeons in IPSO by providing appropriate guidance and resources

Chair: Luca Pio (Italy)

Coordinators: Timonty Lautz (N America)
Fernanda Kelly Marques de Souza (S America)
Kagiso Batka-Makwinja (Africa)
York Tian Lee (Asia)
Alexander Siles Hinojosa (Europe)

E. Special Appointments:

- i. Digital Media Director: Alexander Siles Hinojosa (Spain)
Digital Media Associate Officer: Inés Sueiras (Argentina)
- ii. IPSO Representatives to WHO Global Initiative on Childhood Cancer
 - a. Simone Abib (Brazil)
 - b. Abdelhafeez Abdelhafeez(USA)
 - c. Jonathan Karpelowsky (Australia)
- iii. IPSO Representatives to ARIA (Adapted Resource and Implementation Application) Executive Board
 - a. Simone Abib (Brazil)

- b. Hafeez Abdelhafeez (USA)
- iv. IPSO Representative to SIOP Scientific Committee: Sharon Cox (S Africa)
- v. IPSO Representatives to SIOP PODC: Simone Abib (Brazil) & Hafeez Abdelhafeez (USA)

IV. MEMBERSHIP UPDATES

1. Renew membership online

Please renew your membership on IPSO website: ipso-online.org

It is the members' obligation to submit membership fees promptly. Only paid-up members will be eligible for members-only discount at the IPSO Annual Congress.

2. New membership annual fee discount for "Young Surgeons" members

Young Surgeons category has been recently setup. A 50% discount on the annual membership fees has been decided at 40€/year. Young surgeons or residents of age less than 40 years are eligible to apply. IPSO Young Surgeon members will be eligible for the special Young Investigator registration fee for the SIOP/IPSO Congress.

However, Young Surgeons shall not have voting rights of IPSO's active members.

3. New membership annual fee discount for members from Low Income Countries (LICs)

IPSO members who register at IPSO website who are living and practising at a LIC (according to the World Bank list: <https://data.worldbank.org/income-level/low-income>) will have a 50% discount on the annual membership fees at 40€/year. In these particular cases, an additional discount for Young Surgeon member will not be added.

V. UPCOMING MEETINGS

1. IPSO-SIOP Asia Conference- Guangzhou 15-17 April 2022

IPSO Local Chairs: Chan Hon Chui & Huangmin Wang

Abstract Submission closed. More information at: www.siopasia2022.com

2. IPSO-SIOP Africa Conference - Kampala 16- 18 March 2022.

www.siopafrika.org

IPSO Symposium (**In Person & On line attendance**)- March 16, 2022.

IPSO Organising Committee: Arlene Muzira (LOC), Sharon Cox, Hafeez Abdelhafeez, Derek Harrison



3. IPSO-SIOP Annual Meeting- Barcelona 28 Sep-1st Oct 2022. IPSO Education Day on 27 Sep 2022 - Abstract Submission Deadline: Apr 4,2022 Early Bird Registration: Jul 7,2022



The upcoming IPSO annual congress will once again be held together with SIOP's (Société Internationale d'Oncologie Pédiatrique) annual congress. Take note of the "Keydates" on abstract submission deadline and early-bird registration. Please register for the meeting at the "siop-congress.org" website.

Note: Only members who **paid up** membership dues will be entitled to **members-only discount** at the annual congress.

Submit your abstracts in the correct ABSTRACT CATEGORY.

If you would like your papers to be presented and discussed at the IPSO congress, make sure you submit your abstracts under "**Disciplines - Surgery (IPSO)**".

Disciplines

- Treatment and Care
 - Surgery (IPSO) ➔
 - Radiation Oncology (PROS)
 - New Drugs/Experimental Therapeutics
 - Treatment Toxicity and Supportive Care
 - Palliative Care
 - Psychosocial (PPO)
 - Nursing
 - Tumour Immunology and Immunotherapy
 - Transdisciplinary Tumor Biology and Cancer Predisposition

Highlights of IPSO Annual Congress 2022 @ Barcelona

IPSO Keynote Lecture: Extreme liver resections versus transplantation for hepatic tumors
SIOP-IPSO-PROS Symposium: Multidisciplinary Management of Pulmonary Metastases
Meet the experts (MTE): Vascular access in children with cancer

JESSE TERNBERG'S IPSO SCHOLARSHIP 2022 – 2 SCHOLARSHIPS!

In 2014 the IPSO Executive Council launched the first IPSO scholarship. This has been named after our founding member, Jesse Ternberg MD in 2016. This is intended to assist the young surgeon in attending the IPSO annual congress. This year, we will be having 2 scholarships!

The scholarship will include:

- Free registration for the Annual Congress
- Up to €1500 towards travel and accommodation
- A ticket for the annual IPSO Dinner

To be eligible a surgeon must be aged 40 years or younger, must come from a low or low-middle income country (refer to

<https://datahelpdesk.worldbank.org/knowledgebase/articles/906519>), and must have an

abstract accepted for oral presentation at the Annual Congress in Barcelona, Spain. The scholarship will be awarded to the eligible applicant who has the highest abstract score.

Abstract scoring is entirely blind with regard to the author, so we believe that this will ensure fairness & transparency.

How to apply

We expect that surgeons who are submitting an abstract for the meeting will have the opportunity to register to be considered for the scholarship at the time of abstract submission, and it will be important to send proof of eligibility to the IPSO secretary at the same time to ensure that your application is valid.

VI. IPSO PRACTICE GUIDELINES ARE PUBLISHED!

A Project by the IPSO Education Committee

[IPSO Surgical Practice Guidelines PDF](#)
[ecancer medical science \(original source\)](#)

After a huge collaborating work led by the IPSO Education Committee under the guidance of Executive Council, the IPSO Surgical Practice Guidelines have been published early this month. 84 authors, from all the 5 continents, both from high-income and low-middle-income countries have made this possible.

This document is a set of practice guidelines developed for surgeons. Any attempt to interpret it

by non-surgeons is discouraged. IPSO does not endorse or recommend any commercial products, processes, or services, that may be mentioned in this document.

Disclaimer: The document, IPSO Practice Guidelines, and the information it contains are for authorized use by surgeons. IPSO cannot accept any liability and responsibility for any claims, loss or damage arising from the use of this document and its contents.

Topics

1. Role of surgery in pediatric cancer diagnosis
2. Management of lymph node enlargement in children
3. Venous access for the pediatric cancer patient
4. Neuroblastoma
5. Wilms Tumor
6. Rhabdomyosarcoma and non-rhabdomyosarcomatous sarcoma
7. Osteosarcoma and Ewing sarcoma
8. Liver tumors
9. Germ cell tumors
10. Thoracic tumors
11. Pulmonary metastases
12. Surgical strategies in pelvic tumors
13. Rare tumors
14. Surgery for lymphoma
15. MIS in pediatric oncology
16. Surgical emergencies in pediatric surgical oncology
17. Fertility preservation
18. Pediatric surgical oncology and palliative care

This 274 pages- document has already been completed and uploaded to the IPSO webpage (ipso-online.org) under "Education". These important contents are intended to reach every pediatric surgeon who has to deal with children affected by cancer, in every corner of the world. All IPSO members are called to spread these information and make them accessible for all.

VII. PAST MEETINGS

IPSO VIRTUAL CONGRESS 2021

IPSO Virtual Congress OCT 21-24, 2021



WELCOME, PRESIDENT'S ADDRESS

The IPSO 2021 virtual congress officially opened by Simone Abib (Brazil), IPSO President at 8:00 am (EDT) on Oct 21st, 2021. Simone presented live on the screen to welcome attendants and displayed the highlights of the meeting.

The first session was on **Liver Tumors** and was chaired by Sophie Branchereau (France) and Rebecka Meyers (USA). All the oral presentations were pre-recorded and played to the audience. Gloria Gonzalez (Chile) presented her a preliminary experience treating pediatric hepatoblastoma with ICG fluorescence. She found that ICG guidance was useful for tumor demarcation, enhancing the accuracy of resection to achieve negative margins, and allowing identification of multifocal disease. This presentation was followed by the analysis of CNNTB1 circulating tumor DNA as a marker for hepatoblastoma by Jonathan Karpelowsky (Australia). ctDNA promises to be a good surrogate marker of tumor burden and shows correlation with treatment response. The session continued with the oral presentation of María Alejandra Delgado (Chile) of a novel technique for the resection of suprahepatic inferior vena cava tumoral thrombus in patients undergoing liver transplantation. Then, Mehak Sehgal (India) reported on

16 children with mesenchymal hamartoma of the liver, showing a 100% survival after tumor resection, with only one recurrence. This session concluded with an oral poster presentation by Pablo Lezama del Valle (Mexico) on the outcomes of 149 paediatric liver tumors at the Hospital Infantil in Mexico City. A lively Q&A session followed with the moderators and presenters answering questions live.

Session 2 was on **Neuroblastoma** and was chaired by Lucas Mathysens (Belgium) and Chan Hon Chui (Singapore). The first paper was presented by Steven Warmann (Germany) that was on the impact of previous abdominal radiation on the outcomes of surgical resection of neuroblastoma. Major surgical complications were observed in 9 of 12 patients, emphasizing the need of performing surgical resection before radiotherapy in high-risk patients. This presentation was followed by a presentation of the 2-cavity approach for resection of abdominal neuroblastic tumors by Christian Urla (Germany). The paper emphasized that this surgical approach enabled resection of complex tumors with no added morbidity. This was then followed by Stavros Loukogeorgakis (UK)'s presentation on delayed surgical resection of abdominal neuroblastomas to avoid the risk of nephrectomy. The author's should that delaying resection far from after induction phase may allow for a safer surgery without compromising outcomes. Maryam Haneef (UK) then presented a series of 43 patients with low and intermediate risk neuroblastoma; their results suggested that primary surgical intervention may be associated with higher immediate surgical morbidity in these cases. Stefano Avanzini (Italy) then presented an oral poster reporting further advances in the definition of an IDRF score through a Delphi study. A great discussion followed, with presenters answering questions from the audience and moderators.

The **Daniel Hays Surgical Skills Seminar**, chaired by Israel Fernandez Pineda (Spain) and Jaime Shalkow (Mexico), showcased many interesting surgical oncological topics. Tim Lautz (USA) presented an excellent update on big chest wall resections, mainly focused on sarcomas. Surgical planning, tips for safe resection and variants and timing of chest wall reconstruction were elegantly showed. Pablo Lobos (Argentina) spoke on diagnostic and surgical aspects of pancreatic tumors. He talked on the different types of tumors affecting the pancreas, with focus and differential diagnosis and management adapted to individual scenarios. This surgical seminar concluded with a lecture displaying a deep analysis of different treatment modalities for bladder/prostate RMS by Jörg Fuchs (Germany). As the combination and timing of chemotherapy, surgical resection and use of brachytherapy or conventional radiation is still controversial, Jörg made a critical appraisal of the pros and cons of the different approaches, based on a well-documented personal experience and revision of published literature on the field.

IPSO Sarcoma I session was chaired by Jonathan Karpelowsky (Australia) and Tim Rogers (UK). Chung Sui Kwok (UK) reported on a single center results on 28 patients with chest wall neoplasms. A high number of malignant tumors were found, and the need of R0 resection and complex wall reconstruction warrant an individualized approach. Zaida de Machaj (Panama) then presented her paper on the experience with thoracic Ewing's sarcoma in 2 centers in Mexico and Panama; similar outcomes as previously reported and high number of chromosomal translocation analysis performed highlights that it is possible to achieve state-of-the-art treatment in the low and middle income setting. The sarcoma session continued with 3 oral poster brief presentations. The potential utility of circulating tumor DNA as surrogate marker for

tumor burden and treatment response was also demonstrated for Ewing sarcoma by Jonathan Karpelowsky (Australia). Derek Harrison (South Africa) reported on a single center experience with 45 patients with non-rhabdo sarcomas, highlighting again that good outcomes can be achieved in LMICs. Finally, Hanna Garnier (Poland) showed an experience of 8 children who received HIPEC for the treatment of peritoneal disease, including a 6-month-old patient.

IPSO Germ Cell & Thyroid session was chaired by Ahmed Elgendy (Egypt) and Patrizia Dall'Igna (Italy). Zhonghai Guan (China) reported on a series of 56 children with sacrococcygeal teratoma treated by a single perineal approach, showing that abdominal approach could be avoided in all but one case, with good results concerning anorectal function. 2 oral posters were then presented on retrospective experiences in Taiwan and India. Tin Huan-Huang (Taiwan) presented a series of 54 primary mediastinal GCTs; their experience showed the importance of surgical resection in non-metastatic tumors, with no difference between primary and delayed surgery concerning outcomes. Apoorv Singh (India) reported on a series of 100 patients with extracranial GCTs, with a 90% OS and 4% recurrence rate, highlighting again the importance of complete surgical resection and long term follow up for sacrococcygeal GCTs. Within the same session, Zach Morrison (USA) presented an interesting application of fine needle aspiration (FNA) during thyroid surgery; intraoperative FNA cytology results were concordant with final surgical pathology in 85% of cases, suggesting the pre-operative FNA could be spared in a significant number of patients.

The meeting was adjourned for the IPSO annual general assembly.

The second day began with the **Robert Arceci's Best of IPSO**, which was chaired by Simone Abib (Brazil) and Jörg Fuchs (Germany). 8 highly scored abstracts were pre-recorded and presented, divided in 2 blocks of 4 presentations followed by live discussion.

They began with a presentation by Hafeez Abdelhafeez from St Jude CRH (USA) on different indications/ applications of ICG- guided tumor resections. He reported on a series of 65 procedures in 55 patients with different tumor diagnosis, finding a high sensitivity (88%) and a low specificity (77%) for the technique. After that, Benedikt Wagner (Germany) presented the results of an experimental study on cytoreductive surgery + HIPEC enhanced by hypericin- based photodynamic therapy in mice seeded with intraperitoneal cells of alveolar RMS; hypericin fluorescence offered a diagnostic advantage displaying the extension of peritoneal dissemination, and the combination with HIPEC was feasible. The next presentation was from Andreas Schmidt (Germany), who reported an experience in the investigation of the artery of Adamkiewicz using diagnostic spinal angiography; in all cases the artery could be identified, allowing changes in therapy to avoid complications. After this one, Sarah Braungart (UK) presented the results of a nationwide study about long term outcomes of sacrococcygeal teratomas. 110 patients from 10 centers were analyzed, finding a 7% recurrence and a 34% incidence of bladder and/or bowel dysfunction.

After discussion of these 1st 4 papers with Q&A from the audience, the 2nd block of pre-recorded presentations was showcased. Elisabeth Tracy (USA) presented a report from the International WAGR Syndrome Registry about children with this condition which were affected by Wilms' Tumor (WT); 145 patients with WAGR were contacted, finding a 44% incidence of WT; most of them were unilateral and had favourable histology, with infrequent relapse; nephron- sparing surgery was performed in only 1/3 of cases. Sarah Braungart (UK) presented a national Delphi consensus on a guideline for the management of benign ovarian tumors (BOTs); preoperative

discussion within a multidisciplinary team, ovary- sparing surgery whenever possible and follow-up to 16 years were the main recommendations. Cristina Martucci (Italy) showed multicenter data on thyroid cancer in 298 children and adolescents; OS is excellent, and the study provided new data on higher relapse rate and surgical morbidity among secondary tumors when compared with primary ones. Finally, Myriam Ben Arush, on behalf of the European Soft Tissue Sarcoma Study Group (EPSSG), presented the collaborative data about the impact of regional lymph node involvement in embryonal RMS; although outcomes were affected by previously known risk factors, the presence of regional lymph node disease did not alter prognosis of embryonal RMS; the role of radiotherapy on lymph nodes could not be defined. A 2nd live discussion was then performed, being followed by the audience with great interest.

After attending (on the screen) the opening ceremony of the main SIOP congress, the next session was on **Renal tumors**, chaired by Marc Wijnen (The Netherlands), and Sajid Qureshi. Jonathan Walker (USA) presented a single center study of 150 patients with WT, comparing incidence of surgical complications in relation to the number of lymph nodes sampled; no significant differences in complications were found in association with more extensive lymph node sampling. Sandeep Agarwala (India) then presented 2 studies, one about the role of T-regulatory cells and cytokines in the tumor microenvironment of WT, and the other on the correlation between loss of heterozygosity at 11p13 and 11p15 locus with histopathology and outcomes (no correlation found). Next presentation from Jennifer Aldrink (USA) allowed us to know new data from the Cancer Oncology Group (COG) on anaplastic bilateral WT; 25 patients were analyzed, with 17 presenting with diffuse anaplasia; 12/17 survived; marginal status does not seem to impact outcomes. After this, Wilson Oliveira Jr (Brasil) presented a retrospective multicenter study comparing WT resected by either a laparoscopic or open approach, showing a smaller number of lymph nodes sampled at the laparoscopy group. Continuing with the session, Sophie van Peer (The Netherlands) presented an oral poster with data about the 1st 5 years of national centralization of bilateral WT: 25 patients, 22 of them alive after 30 months- follow up. The final poster of the session was displayed by Hazem Elfar (UK) and it focused on WT patients who required an urgent nephrectomy. A very interesting live discussion followed, finishing this well- attended session.

IPSO session on **New Technologies & Miscellaneous** was chaired by Alexander Siles Hinojosa (Spain) and Gloria Gonzalez (Chile). Matthijs Fitsky (The Netherlands) presented a pilot study on the use of a 3-D printed guide for the correlation between MRI images and histopathology in renal tumors. Shigehisa Fumino (Japan) reported on different navigation techniques for tumor resection. Mohd Yusran Othman (Singapore) presented a series of 33 patients with abdominal lymphoma, with an interesting analysis of primary resections and biopsies with delayed surgery. Nellai Krishnan Subramonian (India) presented a poster with data from 28 patients with an adrenocortical tumor; incomplete resection or tumor spillage and presence of distant metastases were the adverse risk factors found. Finally, Idil Rana User (Turkey) presented a poster analyzing surgical complications in a series of 393 patients with tumor resections; overall complication rate was 10%.

After lunch, the registered delegates were able to attend the **IPSO Symposium**, focused on **Care challenges facing low and middle- income countries**. The symposium was chaired by Christa Grant (USA) and Pablo Lobos (Argentina). Bindi Naik Mathuria (USA) made an introduction providing some data and key ideas for discussion. Simone Abib (Brazil) presented

the development of the ProFILE tool for standardizing pediatric surgical oncology centers. Hafeez Abdelhafeez then spoke about the WHO Cancer Committee efforts, highlighting IPSO involvement in this initiative. After that, regional challenges at different continents were summarized by Huma Faiz (Pakistan), Pablo Lezama del Valle (Mexico) and Larry Hadley (South Africa). A live interactive discussion with Q&A from the audience and fluid exchange between panelists and moderators then followed, with many promising future topics to be discussed more deeply.

Another **Miscellaneous session** was then chaired by Wilson Oliveira Jr (Brazil) and Hany Gabra (UK). Rodrigo Chaves Ribeiro (Brazil) presented a prospective randomized study analyzing the usefulness of biological glue for the fixation of tunneled catheters; glue addition to sutureless catheter fixation showed no advantages. Rory Thompson (UK) presented data on different perception of the position of the catheter tip between radiologists and clinicians as showed by fluoroscopic assessment. Elisa Zambaiti (Italy) reported on a retrospective study of 40 patients with invasive fungal infection treated by surgery; excellent resolution rates were observed, with only 7 patients with persistent mycosis after surgery. Juliana Mancera (Colombia) presented a poster about the implementation of a treatment protocol for perianal soft tissue infections, with only 3% of patients requiring debridement and colostomy. Zaida de Machaj (Panama) also presented a poster on the development of surgical standardized protocols in the country.



This year's **IPSO Keynote** Lecturer was Professor Paul Losty from the Alder Hey Children's Hospital in Liverpool, UK. He shared his experience on "Endocrine Tumors". Guiding the audience through a complete description of the different tumors affecting the endocrine glands, Paul allowed us to have an update on the state-of-the-art of these heterogeneous diseases.

The third day began early with the **Meet the Expert session** by Simone Abib and Monica Cypriano (both from Brazil) about "Decision making in abdominal complications in neutropenic patients". Through an interactive dialogue between a pediatric surgeon, a pediatric oncologist and the audience, some practical guidelines were discussed about this important topic. The recorded MTE session was repeated during the evening the same day.

A live **IPSO Problem Cases Session** was then presented. This session was chaired by Sharon Cox (South Africa) and Ted Gerstle (USA). 3 cases were presented by Aurore Bouty (France), Huma Faiz (Pakistan) and Sofia Vasconcelos Castro (Portugal). An interesting discussion was moderated by the session chairs, with the participation of a multidisciplinary panel: Tamara Kreindel (pediatric radiologist, Argentina), Suzanne Wolden (pediatric radiation oncologist, USA), Sajid Qureshi (pediatric surgical oncologist, India), Michael Sullivan (pediatric oncologist, Australia) and Komalla Pillay (pediatric pathologist, South Africa).

The **IPSO- PROS- SIOP symposium** was on the *Multidisciplinary Management of Pelvic Tumors*. This was chaired by Andrea Hayes (USA) and Anita Mahajan (USA), with three expert speakers from PROS: Normand Laperriere (Canada), SIOP: Raj Venkatramani (USA), and IPSO: Andrea Hayes (USA).



This was an interesting multidisciplinary session on the different modalities available for the treatment of pelvic tumors. Raj Venkatramani (USA) is an oncologist who started the session with his presentation. He showed data from COG about RMS located at the pelvis. Overall survival rates were similar to the rest of RMS locations, but the difficulty usually found for local control of the primary tumor result in decreased event- free survival. Normand Laperriere (USA) then presented his talk on radiation therapy. He emphasized the late effects associated with irradiation in pelvic tumors, especially in infants and young children. He showed data of worse results of Ewing sarcoma affecting the innominate bone against those affecting the sacrum. Andrea Hayes next presented on surgical management of pediatric sarcomatosis. She lectured on the role of cytoreductive surgery and hyperthermic intraperitoneal chemotherapy (CRS + HIPEC) which has shown good results for the treatment of desmoplastic small round cell tumor (DSRCT). Andrea also pointed out that HIPEC may not be effective in previously irradiated patients, or in those who did not respond to initial systemic chemotherapy or those with retroperitoneal or nodal disease. Another clinical vignette was provided by Andrea concerning non- RMS cases requiring neoadjuvant radiation: although most surgeons would prefer to delay surgical resection at least 8-10 weeks after radiotherapy, she would recommend to do the operation at 4-5 weeks as resection is easier and this advantage clearly overcomes the wound healing problems.

The IPSO **Thorax session** was chaired by Juan Kenny (Uruguay) and Reto Baertschiger (Canada). Elisa Zambaiti (Italy) presented a comparative study between pulmonary metastatic nodules resected either by thoracoscopy or thoracotomy; these preliminary data would favor a targeted, minimally invasive resection for cases with few nodules at imaging, while patients with a higher number of nodules will still benefit from manual lung palpation at open thoracotomy. Gloria Gonzalez (Chile) presented their experience in fluoroscopy- assisted thoracoscopic resection of pulmonary nodules marked with lipiodol in selected cases; minimum morbidity was observed, with successful resection of all targeted nodules. Marc Arkovitz (USA) presented the intraoperative electromagnetic navigation bronchoscopy as a new technique to guide thoracoscopic lung nodule resections, avoiding previous nodule marking. Finally, Derek Harrison (S Africa) presented the Chris Hani Baragwanath Hospital experience on mediastinal and chest wall tumors in children.

The second **Neuroblastoma Session** was chaired by Stefano Avanzini (Italy) and Sabine Sarnacki (France). Jonathan Karpelowsky (Australia) reported on the potential use of circulating free DNA for the molecular profiling and risk- stratification in neuroblastoma. Stavros

Loukogeorgakis (UK) presented a study describing a new classification of abdominal neuroblastoma based on anatomical zones; the extent of disease described this way correlated with surgical complications and outcomes despite having a similar number of IDRFs. Later, Lucas Mathyssens (Belgium) made a presentation with a video showing how to use the structured International Surgical Report Form (ISRF). Finally, Caroline Lemoine (USA) presented a challenging paper on the use of meso-Rex bypass or porto-systemic shunts after portal obstruction by malignant disease, without affecting oncological outcomes.

Sunday October 24th, 2021. (IPSO Educational Day, SIOP day 3)

Since 2019, the IPSO Executive Council has focused the Education Day on the Young surgeons. The program aims at building a strong foundation for our Young surgeons. As the previous, the program was developed by the Program Committee and the Chair of the Young Surgeons Committee. Peter Ehrlich (USA) was recruited by the Program Committee to work with Luca Pio (Italy) in the program and coordination of the IPSO Educational Day. They proposed that every topic would be addressed by a Young Surgeon, in association with a senior expert in the field.

All the presentations were pre-recorded. Live discussions were conducted at the end of each group of talks on the same topic. The day was divided into 3 sections, namely, Wilms' Tumor mini-symposium, Vascular Access and Mini-Symposium on Diagnosis.

Rodrigo Romao (Canada) & Jan Godzinski (Poland) gave an excellent lecture on Bilateral WT. Bindi Naik Mathuria (USA) & Sharon Cox (S Africa) talked about IVC and cardiac extension. Nicholas Cost (USA) talked about horseshoe kidneys and other renal malformations in the context of a WT. Jennifer Aldrink (USA) & Sandeep Agarwala (India) recorded a talk on "the management of the massive tumor", and Sofia Vasconcelos Castro (Portugal) & Simone Abib (Brazil) closed the mini-symposium with a great lecture on complications of the surgical resection of WT.

Emily Christison- Lagay (USA) & Lucas Krauel (Spain) gave a very practical talk on "Vascular Access: Techniques, use of US, complications and pitfalls for the surgeon".

Finally, the mini-symposium on Diagnosis was presented as follows: Paolo Toma (Italy) & Huma Faiz (Pakistan) taught us about Radiogenomics; Maria Ladino Torres (USA) talked about 3-D modelling and reconstructions; Ibiyeye Taye (Nigeria) & Rita Alaggio (Italy) gave a practical approach to biopsy techniques; and Sergio Vega Salas (Costa Rica) & Lorenzo Biassoni (UK) talked about the role of PET-scan in pediatric solid tumors.

IPSO Annual Meeting was closed by Simone Abib (Brazil) and Chan Hon Chui (Singapore) wishing all the attendants a fruitful year and hoping to meet each other in Barcelona 2022.

IPSO Best Papers Awards

Jack Plaschkes Prize for Best Oral Presentation 2021

Dr Benedikt Wagner(Germany) was awarded this prize for his oral presentation entitled " Increasing the efficiency of hyperthermic intraperitoneal chemotherapy (HIPEC) by combination with a photosensitive drug in paediatric rhabdomyosarcoma"

Best Oral Poster Award 2021

Dr Jonathan Karpelowsky (Australia) was awarded the best oral poster presentation entitled "Utility of circulating tumour DNA in Ewing Sarcoma"

VIII: MINUTES OF ANNUAL BUSINESS MEETING

Venue: Virtual Link:

<https://santamarcelina.zoom.us/j/82050725987?pwd=dzFremErWjFIZ1JwMDdJTkt3aUd2QT09>

Date: 21 Oct 2021, 15.30- 16.30 (EDT)

Chair: Simone Abib

Secretary: Chan Hon Chui

Attendance: 51

AGENDA

- i. Minutes of meeting 14 Oct 2020
- ii. President's report (Simone Abib)
- iii. Secretary's report (Chan Hon Chui)
- iv. Treasurer's report (Marc Wijnen)
- v. Program Committee report (Pablo Lobos)
- vi. Education Committee report (Ted Gerstle)
- vii. Young Surgeons report (Luca Pio)
- viii. Invitation to Barcelona meeting 2022 (Lucas Krauel)
- ix. Award for service for Pablo Lobos, Chan Hon Chui (Simone Abib)
- x. Adjournment

Minutes of meeting

1. Welcome
2. Minutes from the last Annual Business Meeting held virtually on Oct 14, 2020 (*previously circulated in the February 2021 newsletter and Oct 20, 2021*) were shown, was proposed by Peter Ehrlich and seconded by Pablo Lobos.
3. President's report by Simone Abib.
 - a. Celebrate the great achievement of our 30th anniversary.
 - b. Aims and Opportunities.

We have many motivated experts in the various committees and also expertise among the membership. Together with many existing virtues, such as excellence, global community, knowledge, welcoming, friendship, commitment, credibility and stable finances, we embarked on the journey to provide visibility to IPSO, to build bridges and to make connections. In a synchronous way, many opportunities appeared. These were summarized below on what we have accomplished so far:

(i) IPSO guidelines: a 400-paged document with 19 guidelines, involving 84 authors

(from HIC and LMICs), was built, and validated by the Education Comm and EC. The final guidelines have been submitted for publication in E- cancer free of charge, should they be accepted. They are under review at this point. Acknowledgement was given to Ted Gerstle, chair of the Education Comm, Hafeez Abdelhafeez, Ahmed Elgendy, Jonathan Karpelowsky, Israel Pineda, Sharon Cox, Pamela S. De La Grange and the members of the EC: Jörg, Pablo, Sharon, Israel, Andrea, Marc and especially Chan Hon, whose support was of essence for this to happen.

(ii) IPSO fellowship program was launched and will be piloted in African and Latin American countries. We intend to prioritize LMICs and validate the program in the pilot countries. After that, we hope to cater the special needs for every country.

In parallel to this initiative, we have:

- a) Built a metric tool (PrOFILe-ST) to evaluate the impact of the initiative.
- b) Established partnerships and agreements with local universities, medical societies, ministries of health that are giving full support to the project.
- c) Agreement with Cure for Kids to host IPSO educational initiatives, including evaluation tools and certification. In the future this can be linked to CME credits.
- d) A curriculum for the fellowship was built.
- e) Funding for the project.
- f) IPSO and local faculty.
- g) Questionnaire to identify regional training hubs among members. We were able to better know our membership. We have invited centers that met selected criteria to advertise their fellowship programs on the IPSO site.

(iii) We have signed a MoU with SIOP and another should be signed soon with St Jude Children's Research Hospital. I would like to thank Kathy Pritchard-Jones, Michael Sullivan, Mohamad Saghir, Carlos Rodriguez-Galindo, Daniel Moreira, Hafeez Abdelhafeez, Andy Davidoff, Paola Fridrich, Miriam Gonzalez, Madison Bass, Nickhill Bhakta, Kokila Lakhoo, Noel Peter for the fruitful partnership and support.

(iv) Other partnerships were established with the WHO, GICS, Global NCDs, SLAOP, APSO, GRECOP, EUPSA. Sabine, Jörg and Marc have built a very good program on Pediatric Surgical Oncology for EUPSA, that can be delivered in other continental meetings as well. SIOP continental meetings will include surgical sessions supported by IPSO. Hafeez and I are the IPSO representatives in SIOP PODC. I would like to make a word of recognition to Andre Ilbawi, Roberta Ortiz and all the WHO team for our nice partnership.

(iv) Digital media: Periodic deliveries are being made, with the content been approved by the Education Comm. Thanks to José Manuel Campos Varas for sending the monthly list and for the members of the Education Comm., and Alexander Siles and Ines Sueiras.

(v) Research: In order to support global studies, to promote exchange and equity, to enhance research culture, and to provide opportunities for a greater number of patients to be included in studies, IPSO will pilot a project to bring together interested members to participate in research studies aimed at improving surgical care in children with cancers. We are aware of challenges regarding disparities among countries and IRB approvals. IPSO will work as a facilitator for members to get in

contact and to enroll a greater number of patients in their research projects. Evaluation forms have been formulated, and after approval, the PIs will receive a letter from the secretary, who will also invite the membership to participate in the project and contact the PI.

(vi) WHO initiative

a) IAEA-IARC-WHO annual strategic consultation

In December 2020, the World Health Organization (WHO) hosted an online consultation on the methodology of impACT Reviews, which assess a country's cancer control capacities and needs and identify priority interventions to effectively respond to its cancer burden. The consultation was also attended by representatives from the International Atomic Energy Agency (IAEA) and the International Agency for Research on Cancer (IARC).

The objectives were to examine the impACT Review methodology, to identify priority countries for action in 2021, and to formulate new joint strategies and initiatives to enhance and accelerate the support provided by IAEA, IARC, and WHO for government cancer control actions.

b) St Jude Global Alliance Convening: very insightful event that gathered all stakeholders. Wonderful achievements were made within a year.

c) Wilms Tumour Practice Brief: A Set of Priority Interventions to Support the implementation of Cureall Framework-Pillar 3.

(vii) ARIA: Adapted Resource and Implementation Application (ARIA) is a clinical tool that addresses a global need for comprehensive, resource-adapted childhood cancer treatment guidance. St. Jude Global and SIOP have partnered together with several leading global organizations to create resource-stratified, evidence-based guidelines and tools to help provide healthcare professionals all over the world the necessary information in their efforts to safely diagnose, treat and manage childhood cancer wherever they practice. The IPSO logo was included in this tool and we are giving surgical input on the platform.

(viii) New version of the IPSO Bylaws was approved. Systematic reviews on surgery for Wilms tumors, led by Hafeez Abdelhafeez and the impact of Covid pandemic, a joint initiative from SIOP, PROS, IPSO

(ix) Patient and parent information: initial steps are being made with the support from the Young Surgeons Comm. We were offered Disney designers for free for that project. Thanks to Luca Pio, Alexander Siles, Fernanda, Souza, Kagiso Batka, York Lee, Tim Lautz. This very motivated committee is also working on multidisciplinary sessions together with SIOP Young investigators Comm. By their claim, we are working on ways to attract more young surgeons from LMICs providing lower membership fees.

(x) We are piloting a new format of the Education Day this year, having young surgeons talks mentored by senior surgeons. Luca Pio and Peter Ehrlich are the chairs of the Education Day program. We have also included young surgeons as chairs and

speakers in the main program. They are also making important contributions on educational initiatives and working on contacts in countries where we still don't have many members.

(xi) Simone thanked the **program chair**, Pablo Lobos along with Sharon Cox and Israel Pineda for the outstanding program provided. Their commitment with the everchanging demands due to new formats needed due to the pandemic was outstanding. She also announced that Pablo has ended his term as program chair and has been elected as our new secretary. Sharon will be our new program chair on her second term and is also the IPSO SC representative She will work with Israel.

(xii) Simone **welcome Jonathan Karpelowsky and Paul Losty to the EC**. She also thanked the members of the nomination comm. and those who stood for elections. Also a word of recognition for Jörg Fuchs, who is leaving the EC this year.

(xiii) Thanks to Chan Hon, Steve, Larry, Dan and Bruce for the **historical documents**.

(xiv) **Appreciation to Chan Hon, our secretary**. He has been working so hard for IPSO for all these years with transparency, honor, justice, and kindness. He is a very dear friend, and all presidents who worked with him would agree on his important advices to all decisions made.

4. Secretary's report

- a. Membership report. The total number of members stands at 209. This included 8 honorary members, 11 retired members, 4 associate members, 21 young surgeon members and 165 active members. There has been an 7% increase in number of members from last year's 176. A total of 23 new members joined the society with 167 renewals. We welcome 23 new members (7 Young surgeon members, and 16 regular members).
- b. Executive Council (EC) elections. Thanks to Edwin Chan, Kate Cross, Jamie Shalkow, Kahlid Elmalik, who were the 4 active members elected to serve on the Nomination Committee for 2021. The Nomination Committee met and nominated Paul Losty and Sajid Qureshi for President-elect, Pablo Lobos for Secretary, and Hafeez Abdelhafeez, Peter Ehrlich and Jonathan Karpelowsky for EC member-at-large. An online election was conducted. Paul Losty was elected President-elect, Pablo Lobos was elected Secretary, and Jonathan Karpelowsky was elected as EC member-at-large, while Sharon Cox was re-elected for second term as EC member-at-large.

5. Treasurer's report. The financial report prepared by Marc from 1 Sep 2020 – 1 Sep 2021 was presented. The report was accepted. All figures listed here were in Euros. The year started with a capital of 48,824.19, and it ended with 55,878.00. We collected membership fees of 14,172.91. We incurred expenses of 7,119.10 which included bank charges 150.60, best oral presentation prize 300, best poster prize of 150, website (2019 and 2020) 6,518.50.

6. IPSO Subcommittees. The following IPSO Committees presented their reports: Program Committee, Education Committee, and Young Surgeons Committee.

- a. Program Committee's report (Pablo Lobos). Pablo presented his report on the committee's work this year. The main work was on the development of the scientific program for the virtual meeting 2021, abstract scoring by the program comm members and SPAC members. IPSO members were also involved in abstract scoring for the SIOP meeting. The program was designed and coordinated with the SIOP Scientific Committee for the main congress. A total of 30 speakers were invited, of which 73% were IPSO members. 30 Chair persons were invited of which 3 were Young Surgeons. 4 sessions at SIOP congress are chaired by surgeons. IPSO Education Day will be chaired by Peter Ehrlich and Luca Pio. A total of 62 abstracts were received with "IPSO ticked", 12 abstracts that were not "IPSO ticked" were reallocated to IPSO. 55 oral presentations, 12 posters, 2 publication only, 4 withdrawn. Abstract submissions were from Europe (25), Asia (20), Africa (4), LATAM (12), and North America (9). We worked hard to avoid conflicts in the SIOP solid tumor sessions, improve participation of surgeons in the main program, rescue abstracts of interest to the surgeons, and secured a "meet-the-expert" session. Pablo also introduced Sharon Cox as the next program chair and IPSO representative to the SIOP Scientific Committee.
- b. Education Committee's report (Ted Gerstle), presented by Simone Abib. The committee members included J Ted Gerstle, Simon Abib, Jonathan Karpelowsky, Israel fernandez Pineda, Hafeez Abdelhafeez, Ahmed Elgendy, Sharon Cox.
 - i. IPSO Practice Guidelines. Major initiative for the committee and the many involved IPSO member co-authors. Developed 19 chapters, 400-page document with 84 authors. Guidelines have been submitted to E-cancer for publication.
 - ii. Social Media
 1. IPSO Digital Media Team with Alexander Siles (Digital Media Director) and Ines Sueiras Munuce (Deputy Digital Media Coordinator).
 2. Publication of content on a periodic bi-monthly basis
 3. Aim to achieve the weekly objective through new automated software
 4. List of high-quality papers/publications reviewed and generated monthly
 5. Future goal: systematically produce periodical publications commenting on and reviewing scientific articles, reminders about courses and congresses, and giving visibility to the IPSO membership and the IPSO website
 6. Every month (or 6/year) focus on a specific tumor; in the form of Papers, Case scenarios, Tips and Tricks video, Expert video
 - iii. Current Initiatives
 1. Wilms Tumor Surgical Guidelines Development Group
 - Evidence-based Wilms tumor surgical guidelines
 - Completed 21 systematic reviews
 - Produced an evidence profile for each question with meta-

analysis and GRADE approach for determining the strength of evidence

- Guide lines development group went through the evidence to get expert recommendations
- Guild lines document being drafted for publication

2. IPSO Problem Cases Session at SIOP 2021

- Expert panel with moderators
- Three presentations over one hour
- Saturday Oct 23 (1230-1330)

iv. Future Initiatives. **St Jude's Cure4Kids** as a place to house IPSO educational material, past keynote lectures, the St Jude course, Education Day lectures. New speakers will be required to reformat the presentations in accordance with data protection rules. There will also be pre- and post-quizzes, and other evaluation tools. **Live sessions** may be presented in the format of interviews among experts with questions from the audience through Twitter, delivered both through social media and educational platform (Cure4Kids). In addition, tips and tricks, surgical techniques details, and "Meet the Experts" sessions, in which the audience will be allowed to ask open questions. **IPSO School Project** with IPSO Young Surgeons and **IPSO Pediatric Surgical Oncology Curriculum** are in the plans.

c. Young Surgeons Committee report (Luca Pio). Luca presented his committee's report. The group has 21 members with participation of North America, South America, Africa, Europe and Asia. We are looking forward to improving Russian and Chinese Young Surgeons participation, and 2 respective zoom meetings with representatives have been planned. There is also a proposal to reduce membership fees for Low Income Countries to increase the attraction to join IPSO. The group's activities included contribution to the IPSO Practice Guidelines, the organization and involvement of young members in the IPSO education day and the annual congress. An international survey among IPSO senior members will be proposed to identify basic requirements for a young pediatric surgical oncologist (training, curriculum) and to assess a standard education program. Google form will be submitted to the Education Office and IPSO Executive Board for revision and approval. The **IPSO School Project** is a proposal for an annual course that offers fundamentals of pediatric oncology, translational surgery that connects different specialties. This will also strengthen links between IPSO and SIOP with a teaching collaboration. The committee is also in contact with **IRCAD** Taiwan, Barretos and Rio de Janeiro to get free scholarships or reduced fees for Young pediatric surgeons. A Surgical oncology informed consent project has been established, with Walt Disney Italy, Buena Vista Comics and Red Whale Studio.

7. Welcome to Barcelona Sep 28 - Oct 1, 2022 (presented by Lucas Krauel). Lucas presented a nice video on next year's meeting. He invited everyone to go and participate in the meeting.

8. Special appreciation to Pablo Lobos and Chan Hon Chui. We would like to thank them for

their services to IPSO.

9. New Businesses.

10. Adjournment

End of Newsletter
See You Soon