

SIOP PODC

Co-Chairs: Sandra Luna-Fineman and Muhammad Saghir Khan

SIOP PODC as an integral subcommittee of International Society of Pediatric Oncology (SIOP) is represented in SIOP Board of Directors by its co-chairs. It constitutes eleven working groups (WGs) and three task forces (TFs); with more than one thousand members. WGs and TFs are lead by two co-chairs; at least one of them must be representing low and lower middle income countries (L&MICs). The WGs and TFs carry out educational, research and advocacy projects, and provide opportunities to pediatric oncology care providers serving in developing countries to stay engaged. In the recent times, SIOP PODC and its WGs/TFs by the virtue of their leaders and active members have been contributing in various tasks of WHO Global Initiative for Childhood Cancers. Another very important ongoing Global Mapping Project has recently been completed in Africa, and will soon be replicated in other continents.

SIOP PODC holds three quarterly Online Business Meetings through C4K, and one face-to-face Annual Business Meeting (SIOP PODC Annual Assembly) during SIOP Annual Congresses. Members/participants are briefed about updates on ongoing activities and projects in these meetings. Two new TFs; Onco-pharmacy TF and Adolescents and Young Adults (AYA) TF have been launched in first Quarterly Online PODC Business Meeting held on 10th March 2020. Brief details about major endeavors of SIOP PODC are posted on www.cure4kids.org (C4K) and <https://cancerpointe.com/>.

One peculiar feature of SIOP PODC, and its WGs/TFs has been the regular periodic leadership transition (Annexure 1). Michael Sullivan from New Zealand is SIOP PODC Co Chair Elect, and will start his new role in October 2020 during Ottawa meeting, as Sandra is completing three-year tenure. SIOP PODC membership is free of cost though C4K. However, it's highly recommended to get registered as SIOP members. Annual subscription fee of SIOP is subsidized to as low as 20 Euros only for the professionals from L&MICs. SIOP membership carries enormous networking options within SIOP community, and provides great opportunities to access up-to-date educational and research resources. SIOP members from L&MICs are also entitled to avail discounted conference registration rates.

SIOP PODC Activities during SIOP 2020 Congress (14th -17th October 2020) at Ottawa:

- Abstract Submission deadline is extended to 16th April 2020. SIOP offers travelling scholarships for the quality abstracts authors from developing countries. We highly encourage physicians, nurses and other care providers from L&MICs to submit their research projects and select for PODC relevance while online submission in order to stay in competition!
- SIOP PODC Annual Assembly will be held on 13th October 2020 (Day -2: afternoon). Friends and colleagues planning to attend SIOP Congress are welcome to join us in this session.
- SIOP PODC Educational Day will be organized on 14th October 2020 during (Day -1); outline of scientific agenda of this academic activity is as follows:

Session#1	0815-0945	"Best of SIOP PODC Free Paper Session" Conveners: Sandra Luna-Fineman and Muhammad Saghir Khan
Session#2	1015-1145	"Integrating Pediatric Palliative Care into Pediatric Oncology in the LMIC settings: From Theory to Practice" Conveners: Justin Baker & Marisol Bustamante
Session#3	1345-1515	"Patient and Family Treatment Engagement Across 10 L&MIC, Parent Advocacy with focus on WHO Global Initiative for Childhood Cancer, and Refugee Children with Cancer in Europe" Conveners: Julia Challinor, Carmen Auste and Alta Bence
Session#4	1545-1715	"Quality Research from LMIC- how to get published" Conveners: Michael Sullivan and Alan Davidson

Annexure 1: SIOP PODC Current Leadership and Transition (www.cure4kids.org)

	CO CHAIRS	TRANSITION
SIOP PODC	Sandra Luna-Fineman (USA) Muhammad Saghir Khan (Pakistan)	Michael Sullivan (Co Chair Elect)
Abandonment of Treatment WG	Nuria Rossell (El Salvador) Paola Friedrich (USA)	-
Adaptive Treatment Regimen WG	Michael Sullivan (New Zealand) Raya Saab (Lebanon)	Michael: Now HIC- TBA
Education and Training WG	Neil Ranasinghe (UK) Elianeth Kiteni (Tanzania)	-
Essential Drugs WG	Parth Mehta (USA) Federico Antillon (Guatemala)	Parth: October 2020 HIC- TBA
Nursing WG	Liz Sniderman (USA) Yuliana Hanaratri (Indonesia)	-
Nutrition WG	Karina Viani (Brazil) Ligia Fu (Honduras)	-
Palliative Care WG	Marisol Bustamante (Guatemala) Justin Baker (USA)	Marisol: October 2020 LMIC- TBA
PROS-LMIC WG	Natia Esiashvili (USA) Jeannette Parkes (South Africa)	-
Supportive Care WG	Gevorg Tamamyian (Armenia) Paola Angelini (UK)	Gevorg: October 2020 LMIC- TBA
Traditional & Complementary Medicine (T&CM) WG	Stacey Marjerrison (USA) Glenn Mbah (Cameroon)	Stacey : October 2020 Mohammad Al-Qudimat (Canada)
Twinning, Collaboration and Support WG	Kevin Schwartz (USA) Nihad Salifu (Ghana)	Kevin: October 2020 Vikramjit Kanwar (India)
Psychosocial TF	Nuria Rossell (El Salvador) Nicole Schneider (USA)	-
Patient, Family and Stakeholder Engagement TF	Julia Challinor (USA) Carmen Auste (Phillipines)	Carmen: Oct 2020 Alta Bence (South Africa_
Africa- WT	Trijin Israeel	-
Onco-Pharmacy TF (new)	Sherif Kamal (Egypt) TBA	
AYA TF (new)	Ligia Estefanía Ríos López (Peru) Elysia Alvarez (USA)	-



SIOP PODC Annual Business Meeting (SIOP 2018- Kyoto, Japan)
Photo Credit: Kirgizov Kirill I



SIOP PODC Annual Business Meeting (SIOP 2019- Lyon, France)
Photo Credit: Neil Ranasinghe

SIOP PODC PROS LMIC WORKING GROUP

Co- Chairs: Natia Esiashvili (USA) and Jeannette Parkes (South Africa)

The SIOP PODC PROS LMIC working group was established in 2016 to co-ordinate Paediatric radiotherapy LMIC goals, and serve as a conduit for activities important to both SIOP PODC and PROS (Paediatric Radiation Oncology Society). Currently there are 46 members of this group registered on Cure4kids, with an executive committee composed of 7 members. This report is focused on activities from January to December 2019.

STRATEGIC PLAN: At SIOP Kyoto 2018, it was recommended that activities within this group be streamlined and divided, and formalized within a strategic plan for the group. This was presented at SIOP Lyon 2019 by Dr C. Hess. The key focus areas of clinical care, education and research were identified with the following primary aims:

Aim 1: To better understand current needs in networking, education and training by mapping global pediatric radiation oncology practices.

Aim 2: To increase access and quality of radiotherapy for children and adolescents.

Aim 3: To enumerate, engage, and educate a global community of providers of childhood and adolescent radiotherapy.

Aim 4. To create evidence establishing the outcomes of care using adaptive therapy guidelines according to the available drugs, resources, and technology in LMIC countries.

Over the past year, the following projects have worked towards those aims:

PROS LMIC has been involved in the radiotherapy aspects of WHO GICC working groups 2 and 3 looking at procurement of radiotherapy services, as well as capacity and quality of radiotherapy for children in LMIC.

Regarding regional SIOP meetings, we were involved in radiotherapy co-ordination of sessions; both at SIOP Africa (Cairo) and SIOP Asia (Abu Dhabi).

We held a very successful LMIC session during PROS Bangkok in June 2019, and a Paediatric contouring workshop was hosted prior to the main conference. A large outreach effort in Bangkok has boosted numbers of our group from South East Asia particularly. A neuro-oncology contouring workshop was also held in Cape Town in August 2019, as part of SNOSSA (Society of neuro-oncology in Sub-Saharan Africa).

We have been involved in several adapted treatment guidelines, with input from several members in the Craniopharyngioma working group and the Intra-cranial Germ cell tumor working group, which is expected to be published in the next ATR supplement of Paediatric Blood & Cancer (PBC). We have also become involved with the SIOP PODC Wilms Tumor project in Africa, and will contribute in developing updated radiotherapy guidelines.

We have begun a research collaboration with MD Anderson to look at artificial intelligence in remote contouring and planning for treatment of Paediatric brain tumors in LMIC.

Going forward in 2020, we have confirmed with PROS, that we will support a Paediatric radiotherapy workshop as part of SIOP Africa in Uganda 2021 and will co-ordinate a symposium as part of PROS SIOP Ottawa 2020.

PROS LMIC group will be involved in three papers going forward: Global radiotherapy service tracking, palliative care RT guideline, and a CNS radiotherapy LMIC guideline.

We would encourage our colleagues who are serving with Paediatric radiotherapy within LMICs to join the group. Membership can be attained by subscribing on www.cure4kids.org and joining the “SIOP PODC PROS LMIC (Pediatric Radiation Oncology in Low- and Middle-Income Countries)”

References:

The Pediatric Radiation Oncology Society Working Group on Low- and Middle-Income Countries (PROS-LMIC) Strategic Plan to Advance Care, Education, and Research. [C.B.Hess](#)^{1,2}, [J. Parkes](#)³, [B.M. Qureshi](#)⁴, [M. Ghalibafian](#)⁵, [A.N. Abbasi](#)⁶, [Y. Anacak](#)⁷, [S.M. Hiniker](#)⁸, [K.I. Hopkins](#)⁹. November 15, 2019 Volume 105, Issue 4, Page 913



PROS Bangkok June 2019



SIOP Asia 2019 Abu Dhabi- April 2019

SIOP PODC Adapted Treatment Regimen Working Group

SIOP PODC Adapted Treatment Regimen WG has developed and published following manuscripts on guidelines documents and adapted treatment regimens (ATRs) in Pediatric Blood & Cancer (PBC):

	Title	Author	Published
1	Treatment Strategies and Regimens of Graduated Intensity for Childhood Acute Lymphoblastic Leukemia in Low-Income Countries: A Proposal	Hunger et al.	2009
2	Practical Recommendations for the Management of Children with Endemic Burkitt Lymphoma (BL) in a Resource Limited Setting	Hesseling et al.	2013
3	SIOP PODC: Clinical Guidelines for the Management of Children with Wilms Tumor in a Low Income Setting	Israels et al.	2013
4	SIOP-PODC Recommendations for Graduated-Intensity Treatment of Retinoblastoma in Developing Countries	Chantada et al.	2013
5	The Management of Children with Kaposi Sarcoma in Resource Limited Settings	Molyneux et al.	2013
6	SIOP PODC: Recommendations for Supportive Care of Children with Cancer in a Low-Income Setting	Israels et al.	2013
7	SIOP-PODC Adapted Risk Stratification and Treatment Guidelines: Recommendations for Neuroblastoma in Low- and Middle-Income Settings	Parikh et al.	2015
8	SIOP PODC Adapted Treatment Recommendations for Standard-Risk Medulloblastoma in Low and Middle Income Settings	Parkes et al.	2015
9	SIOP PODC Adapted treatment guidelines for low grade gliomas in low and middle income settings	HESSISSEN ET AL.	2016
10	A Framework for Adapted Nutritional Therapy for Children with Cancer in Low and Middle-Income Countries: A Report from the SIOP PODC Nutrition Working Group	Ladas et al.	2016
11	A framework to develop adapted treatment regimens to manage pediatric cancer in low- and middle-income countries: The Pediatric Oncology in Developing Countries (PODC) Committee of the International Pediatric Oncology Society (SIOP)	HOWARD ET AL.	2017
12	Recommendations for the treatment of children with radiotherapy in low- and middle-income countries (LMIC): A position paper from the Pediatric Radiation Oncology Society (PROS-LMIC) and Pediatric Oncology in Developing Countries (PODC) working groups of the International Society of Pediatric Oncology (SIOP)	PARKES ET AL.	2017
13	SIOP PODC adapted risk stratification and treatment guidelines: Recommendations for acute myeloid leukemia in resource-limited settings	BANSAL ET AL.	2019

ATRs on Intracranial GCT, Hepatoblastoma, Craniopharyngioma, Hodgkin Lymphoma and Nasopharyngeal carcinoma are currently in the process of final development. The former three have already been sent to the Scientific committee for review. We expect to publish a new supplement in PBC journal which may include the abovementioned manuscripts. ATRs on non-CNS GCT and rhabdomyosarcoma are under construction and will later on be submitted to review.

Another important endeavor for SIOP PODC ATR WG is to commence revision process of previously submitted ATRs according to established framework guidelines by Howard et al. Considering WHO Global Initiative for childhood cancers, publication of newer versions of ATRs on WHO six index cancers (Acute Lymphoblastic Leukemia, Burkitt's Lymphoma, Hodgkin Lymphoma, Wilms Tumor, Retinoblastoma and Low Grade Glioma) will be prioritized. SIOP PODC ATR leaders are also collaborating with St. Jude Global Alliance Team to formulate user friendly Clinical Practice Guidelines for diagnosis and treatment of Pediatric Cancers.

SIOP PODC ATR WG lead by Patricia Alcasabas organized a very successful plenary session on "Adapted Treatment Regimens" during SIOP Asia 2019 at Abu Dhabi.