
Global Initiative in Childhood Cancer

Concept Note

First Stakeholder Consultation: 29 – 30 August 2018

World Health Organization, Geneva, Switzerland

Background

With an estimate of over 300,000 children and adolescents diagnosed with cancer globally, cancer is a leading cause of morbidity and death in those age groups. While the survival rate of many childhood cancers has surpassed 80% in resource-rich settings, in low- and middle-income countries (LMICs) where access to quality care is limited, survival rates of 20% or less are expected. An estimated 90% of cases are in LMICs where most health systems are not adequately equipped to manage the burden of childhood cancer. As a result, the likelihood of a child appropriately receiving and surviving a cancer diagnosis is often determined by where that child lives. Unless actionable interventions are implemented now, avoidable deaths from childhood cancers will further increase over time.

In accordance with commitments by Member States to the 2030 UN Agenda for Sustainable Development including universal health coverage, all children should have access to a basic package of quality treatment and palliative care services. Lessons learned over the past 50 years in childhood cancer control demonstrate how accelerated progress is possible, and how inequities can be addressed.

To improve the outcomes of children with cancer around the world, in alignment with the World Health Assembly resolution 70.12 (Cancer prevention and control in the context of an integrated approach), a global initiative will be launched, with a shared objective that leverages strong, committed partnerships and technical expertise. To extend the dialogue and to outline the overarching framework and technical package on childhood cancer that can effectively engage partners and maximize in-country efforts, WHO will convene a stakeholder consultation 29-30th August 2018. This first consultation will serve as an opportunity to define the target and framework of a global initiative.

First Stakeholder Meeting (29 – 30 Aug)

Objectives

Two-day meeting to engage and galvanize key stakeholders to align common goals towards a global initiative on childhood cancer. Specifically, the meeting will:

1. Define a proposed target and strategies to address the global childhood cancer burden
2. Discuss inputs, outputs and outcomes of a global initiative in childhood cancer

Expected Outcomes

At the end of the two-day meeting, it is anticipated that participants will have:

- Defined concerted policy and people-centred actions at national, regional and global levels to improve childhood cancer outcomes
- Identified synergies with existing initiatives and investments in childhood cancer control
- Outlined platforms for multi-stakeholder dialogue and strengthened partnerships to mobilize action

Global Initiative in Childhood Cancer

Rationale: Need for a Global Initiative

Experience has shown that capacity building through a health systems approach to childhood cancer can rapidly augment capacity and save lives. Progress in countries at all income levels has been achieved by improving clinical services through capacity development, institutional partnerships, training and continuous quality improvement. It is similarly important to strengthen national policies and programmes to ensure that progress is sustainable and equitable, and that services are of the highest possible quality. By bringing together stakeholders from all sectors – local, national, regional and global – progress can be accelerated to address persistent gaps in outcomes and access, and generate new global goods that benefit children and adolescents with cancer.

Effective interventions to reduce deaths and disability from childhood cancer exist and can be introduced at low costs to help children and their families. Interventions for childhood cancer can both engage and benefit multiple stakeholder groups and diverse sectors, and provide models for expeditious cycles of new advances translated into practice. Small investments can make a significant impact on survival and improve the overall health system capacity.

The provisional objective of this Global Initiative is to bridge the critical gaps limiting the care, and cure, of children with cancer worldwide, through: (i) increasing access to care to all populations globally; (ii) developing a global quality framework, via health systems-centred efforts; and (iii) integrating childhood cancer into national policies and programmes.

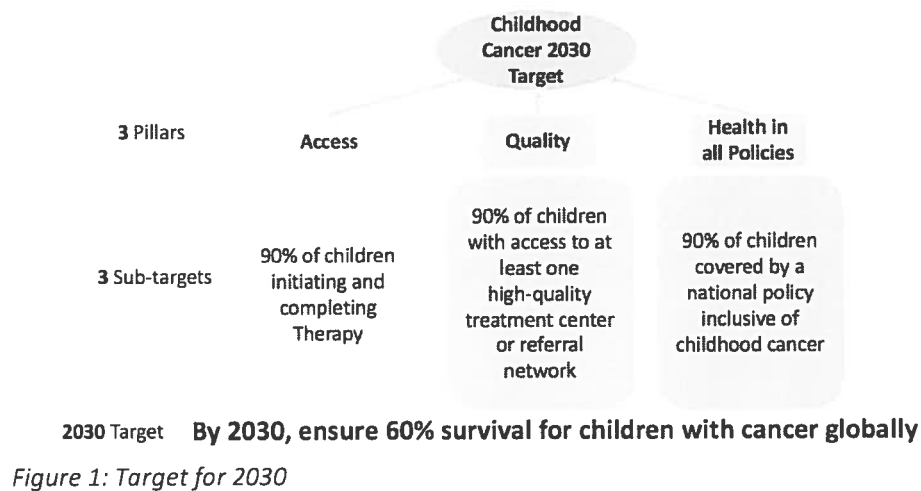
Defining a Target to Catalyse Action

To orient stakeholders and partners towards a common goal to benefit children with cancer around the world, a target is required. The provisional target proposed is (*Figure 1*):

By 2030, ensure 60% survival for children with cancer

The focus of this initiative is to save lives of children with cancer within the larger context of all the care needs of children and their families, including psychosocial support and palliative care. The timeline of achieving the goal by 2030 is to align with the UN Agenda for Sustainable Development.

In order to track progress toward this goal, this target, and accordingly, the inputs for this initiative will focus on six highly curable “index” cancers. This is the anticipated focus of initial interventions. The index cancers together represent 50-60% of all childhood cancers and are prevalent in all countries, and each can be addressed via proven effective therapies.



The proposed six cancers are: acute lymphoblastic leukaemia (ALL), Burkitt lymphoma, Hodgkin lymphoma, retinoblastoma, Wilms tumour and low-grade glioma. This proposed target by WHO, in partnership with St. Jude Children’s Research Hospital and other partners, is based on work done reviewing different inputs, technical requirements and key priorities towards developing a comprehensive global initiative. (Table 1)

Cancer type	Estimated survival* (%)	Min targeted survival* (%)	Achievable survival* (%)	Survival in HIC	Childhood cancers (%)	Estimated number of children in LMIC
ALL	20	50	80	91	23	62100
Burkitt lymphoma	30	50	80	89	4	10800
Hodgkin lymphoma	30	50	80	97	3	8100
Retinoblastoma	20	50	80	95	2	5400
Wilms tumour	30	50	80	95	5	13500
Low-grade glioma	30	50	80	90	13	35100
AML	5	20	40	64	6	16200
Medulloblastoma	10	30	50	72	5	13500
Osteosarcoma	20	30	50	74	1.5	4050
Ewing sarcoma	20	30	50	77	1.5	4050
Rhabdomyosarcoma	20	40	60	77	3	8100
Neuroblastoma	20	30	50	77	6	16200
Germ cell tumours	20	50	70	95	3	8100
Thyroid carcinoma	50	70	90	99	3	8100
Hepatoblastoma	20	30	50	70	1	2700

Table 1: Potential index and tracer cancers in children 0 to 19 years old

* Data based on estimates from some low- and-middle-income countries (LMIC)

Interventions addressing these index cancers are expected to catalyse comprehensive childhood cancer systems strengthening across different dimensions, from timely diagnosis, core diagnostics and multidisciplinary treatment, to the needs of infants through to young adults. Several additional cancers can be assessed to further contextualize change across the health system, including such conditions as acute myeloid leukemia, medulloblastoma, and soft tissue and bone sarcomas.

Proposing Results across Three Pillars

To ensure 60% survival for children with these index cancers by 2030, the global initiative will engage interventions across three key guiding principles or pillars: Access, Quality, and Policies. These pillars will be used to inform the key outcomes: i) promoting *access* to treatment initiation and completion for children with cancer; ii) developing *quality* care centres and networks of excellence; and iii) increasing integration of childhood cancer into national *policies* and programmes (Figure 1 and 2). These targets will address needs spanning national, facility and community-based levels.

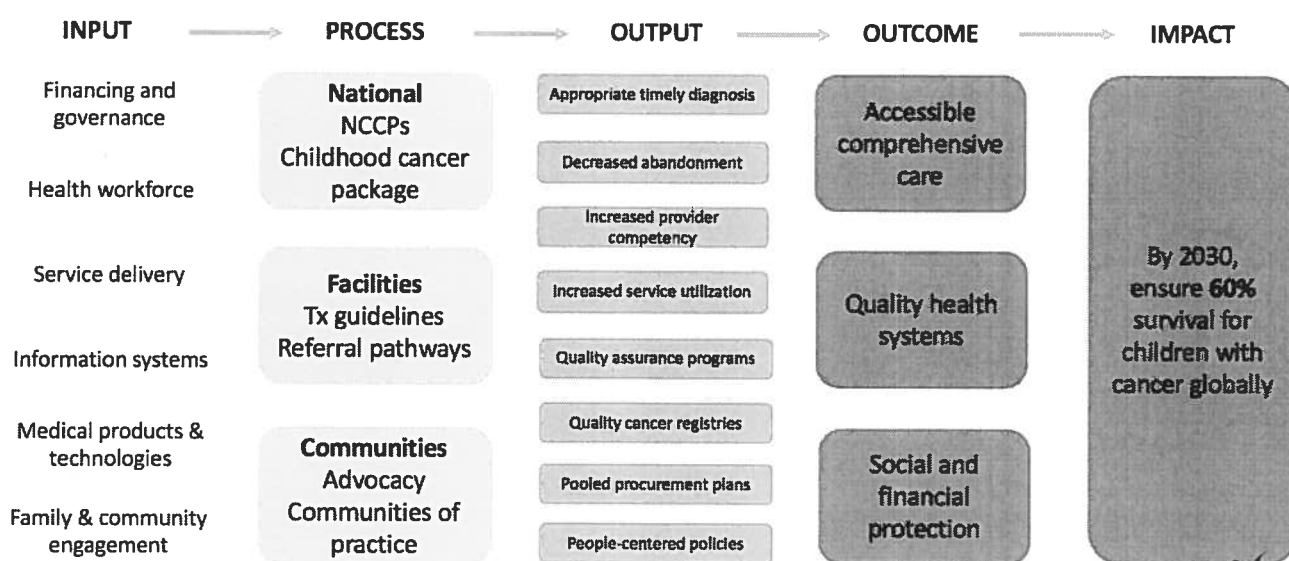


Figure 2: Results chain detailing inputs, processes, outputs and outcomes leading to the impact target

Inputs, Processes and Outputs in the Results Chain

Given strong implementation research in childhood cancer, there is increasing recognition of common obstacles to effective care. It is well established that issues contributing to poor outcomes include late diagnosis, treatment abandonment, insufficient or inadequately trained workforce, medicines and technologies that are of poor quality, unavailable or not accessible, and fragmented services. This is

compounded by insufficient data and weak registries that inhibit progress and informed decision-making. Accordingly, there are key outputs that will drive progress toward the target, such as ensuring appropriate and timely diagnosis (*Figure 2*).

How can appropriate and timely diagnosis be achieved? What are the guiding principles, key inputs and available platforms for coordinated action? Common levers used by stakeholders to build capacity are available at the global, national, facility and community levels. It is through coordinated efforts that key inputs will be most effectively delivered. Inputs can be organized through a health system lens. It is critical that each stakeholder identifies what inputs his/her affiliated entity is able to bring to bear. A global initiative requires diverse inputs from across sectors. For example, appropriate and timely diagnosis requires inputs such as improving community awareness, strengthening clinical diagnostic capacity at the primary care level, identifying relevant diagnostic equipment and defining their technical specifications, and linking different levels of the health system through referral and counter-referral mechanisms for timely care. To succeed, we must be able to define the key inputs and specify key actors who will contribute to each deliverable, and, as outlined in our meeting agenda, translate a shared vision into action and results (*Figure 3*).

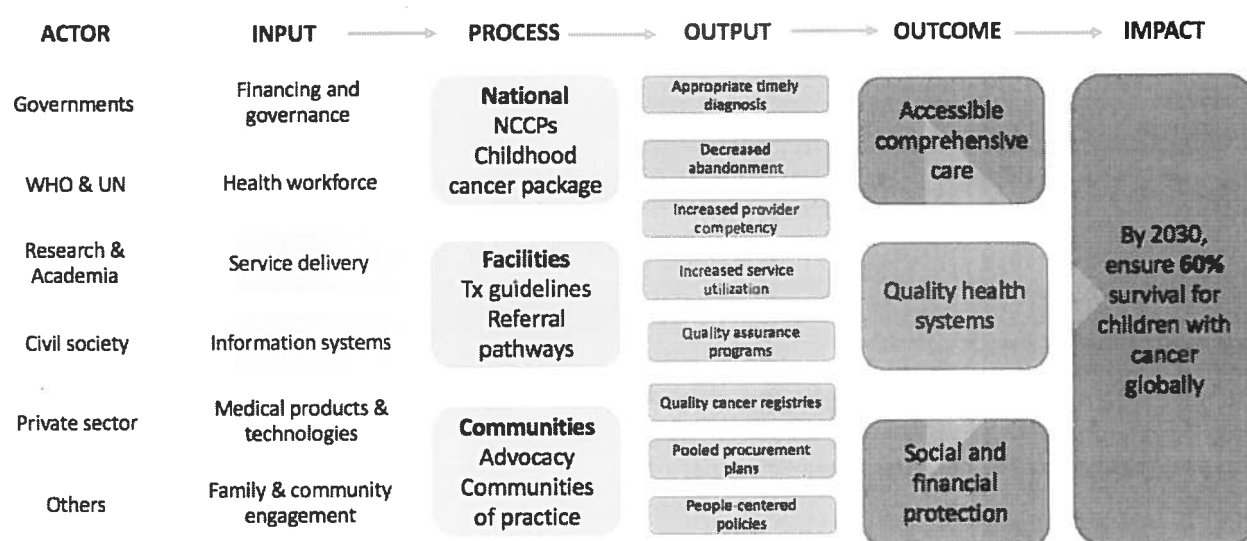


Figure 3: Results chain including actor engagement

Global Initiative in Childhood Cancer: Stakeholder Meeting

29-30 August 2018 - Agenda

Location: Salle D (7th Floor), WHO Headquarters, Geneva

Wednesday, 29 August 2018		
Background		
08.30 – 09.00	Meeting registration	
09.00 – 10.00	Welcome & overview <ul style="list-style-type: none"> • Introduction • Adoption of agenda 	Dr Etienne Krug Dr Carlos Rodriguez-Galindo
10.00 – 10.30	Childhood cancer on the public health agenda: WHO mandate	Dr André Ilbawi
10.30 – 10.45	Break	
Towards a Shared Vision		
10.45 – 11.30	Defining parameters for an initiative: where are we now and where do we want to be? <ul style="list-style-type: none"> • Setting a target • Open discussion 	Dr Catherine Lam Dr André Ilbawi Ms Silvana Luciani (<i>facilitator</i>)
11.30 – 12.00	Responding to the target: country perspectives	Representatives from select countries
12.00 – 13.00	Effective implementation: input from partners <ul style="list-style-type: none"> • Successes and challenges • Factors enabling scale-up and innovation 	Representatives from global agencies
13.00 – 14.00	Lunch	
14.00 – 14.40	Linking global programmes to implementation: UN & Regional Office perspectives	Dr Cherian Varghese Dr Gampo Dorji
14.40 – 15.00	Introduction to Break-out Groups	Dr Marilys Corbex Dr Daniel Moreira
15.00 – 16:30	Breakout groups (Exercise #1) <ul style="list-style-type: none"> • Defining the target • Identifying key outputs 	All
16.30 – 17.30	Open discussion and wrap-up <ul style="list-style-type: none"> • Reporting of breakout group • Planning for day #2 	Rapporteurs
18.00 – 19.30	Cocktail reception	

Thursday, 30 August 2018		
Translating a Shared Vision into Action		
09.00 – 09.30	Data for decision-making & monitoring progress <ul style="list-style-type: none"> Assessing health information systems Building registry capacity Quality improvement measures 	Dr Freddie Bray Dr Eva Steliarova-Foucher Dr Warrick Kim (<i>facilitator</i>)
09.30 – 10.15	Improving access to health products for diagnosis, treatment and palliative care <ul style="list-style-type: none"> Assessing current gaps Anticipating potential levers to improve access to care 	Dr Sarah Garner Dr Scott Howard
10.15 – 10.45	Integrating childhood cancer into national health plans & benefit packages <ul style="list-style-type: none"> Country-specific costing of plans/programmes Investment case for childhood cancers Linking to existing work on costing & packages 	Dr Melanie Bertram Dr Filip Meheus Dr Nickhill Bhakta
10.45 – 11.00	Break	
11.00 – 11.15	Developing global inputs including technical package <ul style="list-style-type: none"> Identifying priority inputs Monitoring framework Breakout Exercise #2 	Dr Slim Slama Dr André Ilbawi
11.15 – 13.00	Breakout groups (Exercise #2) <ul style="list-style-type: none"> Setting priority inputs Translating input into country level changes 	All
13.00 – 14.00	Lunch	
14.00 – 15.00	Open discussion <ul style="list-style-type: none"> Reporting of breakout group #2 	Rapporteurs
Next Steps		
15.00 – 15.30	Implementing in country: Member State perspective <ul style="list-style-type: none"> Open discussion 	Representatives from select countries
15.30 – 15.45	Break	
15.45 – 16.45	Next Steps: developing a coordinated strategy <ul style="list-style-type: none"> Community & family engagement Global & local advocacy 	Ms Ruth Hoffman Dr Giorgio Perilongo Dr Carlos Rodriguez-Galindo Dr Prebo Barango (<i>facilitator</i>)
16.45 – 17.00	Closing remarks	Dr Etienne Krug



World Health
Organization

Global Stakeholder Consultation

A GLOBAL INITIATIVE IN CHILDHOOD CANCER

29-30 August 2018

World Health Organization, 20 Avenue Appia, Geneva, Switzerland

LIST OF PARTICIPANTS

International Experts

ALLEN, Carl	Co-Director, Lymphoma Program Associate Professor, Department of Pediatrics Section of Hematology/Oncology Baylor College of Medicine, Texas Children's Hospital Houston, Texas, USA E-mail: ceallen@txch.org
AL MADHI, Sawsan	Director General Friends of Cancer Patients Sharjah, UAE E-mail: dr.sawsan@focp.ae
ANTILLON, Federico Guillermo	Medical Director, Unidad Nacional de Oncologia Pediatrica Secretary, School of Medicine Universidad Francisco Marroquin Guatemala City, Guatemala E-mail: fantillo@ufm.edu
ARORA, Ramandeep Singh	Senior Consultant in Paediatric Oncology Max Super Speciality Hospital Secretary, Indian Pediatric Oncology Group (InPOG) New Delhi, India E-mail: childhoodcancer@gmail.com
ASHRAF, Shamvil	Chief Executive Indus Children Cancer Hospital Karachi, Pakistan E-mail: muhammad.shamvil@gmail.com

Dep't of Global Pediatrics Medicine
10 Faculty members
dedicated to int'l ped ca programs
Hq based in Pakistan

St. Jude's
UICC
World Childhood cancer
Childhood international
Friend of cancer patients
Hematology.Oncology Excellence
International Children's Palliative care Network

IFPNA ("Access accelerator")
IPASS
IPAN
Lancet oncology commission
Sickkids
SIOp

BANAVALI, Shripad	Director of Academics Tata Memorial Center Mumbai, India E-mail: banavali_2000@yahoo.com
BARR, Ronnie	Professor Emeritus, Pediatrics, Pathology and Medicine McMaster University Hamilton, Canada E-mail: rbarr@mcmaster.ca
BHAKTA, Nickhill	Director, Disease Burden & Simulation Unit Medical Director, Sub-Sahara Africa Regional Program Assistant Member, St. Jude Children's Research Hospital Memphis, Tennessee, USA E-mail: Nickhill.Bhakta@STJUDE.ORG
BIONDI, Andrea	Director, Department of Pediatrics Fondazione MBBM/Ospedale San Gerardo Pro-Rector for International Affairs, Professor of Pediatrics University of Milano-Bicocca Monza, Italy E-mail: andrea.biondi@unimib.it
CHALLINOR, Julia	SIOP Advocacy Officer International Society of Paediatric Oncology (SIOP) San Francisco, California, USA E-mail: jmchallinor@gmail.com
CHENG, Yao	Scientific Manager Medicines Patent Pool Geneva, Switzerland E-mail: ycheng@medicinespatentpool.org
CHITSIKE, Inam	Professor, Paediatrics and Child Health University of Zimbabwe Consultant, Children's Cancer Ward, Parirenyatwa Hospital Harare, Zimbabwe E-mail: chitsikei@gmail.com
DENT, Jennifer	President BIO Ventures for Global Health Seattle, Washington, USA E-mail: jdent@bvgh.org
DI ROBILANT, Tommaso	Consultant Dalberg Advisors The Dalberg Group London, UK E-mail: Tommaso.Robilant@dalberg.com

DOLENDO, Mae Concepcion J.	Head, Children's Cancer Institute Medical Director, House of Hope Program Southern Philippines Medical Center Davao City, Philippines E-mail: maedolendo@gmail.com
DOWNING, Julia	Professor and Chief Executive <u>International Children's Palliative Care Network (ICPCN)</u> Trustee, Worldwide Hospice Palliative Care Alliance UK E-mail: julia.downing@icpcn.org
EAV, Sokha	Head, National Cancer Center <u>Calmette University Hospital</u> Phnom Penh, Cambodia E-mail: sokhaeav@hotmail.com
EDEN, Tim	Emeritus Professor, Paediatric and Adolescent Oncology Manchester University Founding Trustee, World Child Cancer Past President, International Society of Paediatric Oncology London, UK E-mail: tim.eden@edentob.co.uk
FRECCERO, Piera	Director of Programmes World Child Cancer London, UK E-mail: Piera.freccero@worldchildcancer.org
FRIEDRICH, Paola	Director, Metrics & Performance Unit, Medical Director, Mexico Regional Program Assistant Member, St. Jude Children's Research Hospital Memphis, Tennessee, USA E-mail: Paola.Friedrich@stjude.org
GAGNEPAIN-LACHETEAU, Anne	Medical Director <u>Sanofi Espoir Foundation</u> Paris, France E-mail: Anne.Gagnepain-Lacheteau@sanofi.com
GHANEM, Khaled	Medical Director BASMA Pediatric Oncology Unit Damascus, Syria E-mail: drkhghanem@gmail.com

GUPTA, Sumit	Staff Oncologist and Clinician Investigator Chair, Unit for Policy and Economics Research in Childhood Cancer Hospital for Sick Children Assistant Professor, Faculty of Medicine and Institute for Health Policy, Management and Evaluation, University of Toronto Toronto, Canada E-mail: sumit.gupta@sickkids.ca
HARIF, Mhamed	Professor, Department of Hematology, CHU Ibn Rochd, Hassan II University, Casablanca President of French African Pediatric Oncology Group Casablanca, Morocco E-mail: mhmed.harif@gmail.com
HERRERA, Cristian	Health Policy Analyst Organisation for Economic Cooperation and Development (OECD) Paris, France E-mail: cristianhr@gmail.com
HOFFMAN, Ruth	President, Childhood Cancer International CEO, American Childhood Cancer Organization Pediatric Oncology Roundtable to Transform Access to Global Essentials (PORTAGE) Washington DC, USA E-mail: rhoffman@acco.org
HOWARD, Scott	Professor and Associate Dean for Research University of Tennessee Health Science Center Secretary General, International Society of Paediatric Oncology Memphis, Tennessee, USA E-mail: scottchoward@outlook.com
IBRAGIMOVA, Sapura	Pediatrician-Hematologist National Research Institute of Hematology and Blood Transfusion Tashkent, Republic of Uzbekistan E-mail: sapura.71@mail.ru
ISRAELS, Trijn	Paediatric Oncologist, Academy Outreach Princess Máxima Center for Paediatric Oncology Coordinator, Collaborative Wilms Tumour Africa Project Utrecht, The Netherlands E-mail: T.Israels-3@prinsesmaximacentrum.nl
JOHNSON, Sonali	Senior Advocacy Manager Union for International Cancer Control (UICC) Geneva, Switzerland E-mail: johnson@uicc.org

KAPAMBWE, Sharon	Director of Women's Cancer Control Centre for Infectious Disease Research in Zambia Lusaka, Zambia Email: skapambwe@yahoo.com
KEAN, Leslie	Steering Committee Chair, American Society of Hematology (ASH) Health Volunteers Overseas Collaboration Co-Director, ASH Children's International Consortium on Acute Leukemia (C-ICAL) Boston, Massachusetts, USA E-mail: Leslie.Kean@childrens.harvard.edu
KHAING, Aye Aye	Professor and Head, Pediatric Hematology-Oncology Yangon Children Hospital Yangon, Myanmar E-mail: ayeayekhaing.dr@gmail.com
KIRGIZOV, Kirill	Head, Scientific Department of Translational Medicine Deputy Director, Institute of Management and Translational Medicine; Associate Professor, Dmitry Rogachev National Medical Research Center of Pediatric Hematology, Oncology and Immunology Moscow, Russian Federation E-mail: kirgiz-off@yandex.ru
LADAS, Elena	Assistant Professor Division of Nutrition Pediatrics and Institute of Human Nutrition Columbia Pediatric Hematology/Oncology/Stem Cell Transplant Columbia University Medical Center New York City, New York, USA E-mail: ejd14@cumc.columbia.edu
LAM, Catherine	Director, Health Systems Unit Medical Director, Asia Pacific Regional Program Department of Global Pediatric Medicine Attending Pediatric Oncologist, Department of Oncology Associate Member, St. Jude Children's Research Hospital Memphis, Tennessee, USA E-mail: Catherine.Lam@stjude.org
LIU, Zhenchen	Founder, Chairman of the Board New Sunshine Charity Foundation Beijing, China E-mail: zhengchen.liu@isun.org
MOREIRA, Daniel	Clinical Fellow, Global Medicine and Pediatric Neuro-Oncology St. Jude Children's Research Hospital Memphis, Tennessee, USA E-mail: Daniel.Moreira@stjude.org

MUFTAKHOVA, Guzel	Scientific Secretary Institute of Management and Translational Medicine Dmitry Rogachev National Medical Research Center of Pediatric Hematology, Oncology and Immunology Moscow, Russian Federation E-mail: muftakhova@mail.ru
OSTERTAG, Mareike	Global Health Policy International Federation of Pharmaceutical Manufacturers & Associations Geneva, Switzerland E-mail: m.ostertag@ifpma.org
PERILONGO, Giorgio	Head (Incoming), Global Advocacy International Society of Paediatric Oncology Professor, University of Padova Padova, Italy E-mail: giorgio.perilongo@unipd.it
PFITZER, James	Director Access Accelerated Geneva, Switzerland E-mail: j.pfitzer@accessaccelerated.org
RAMIREZ, Oscar W.	Pediatric BMT Coordinator Centro Médico Imbanaco de Cali S.A. Medical Coordinator, Cali's Childhood Cancer Surveillance System, Cali's Cancer Registry Cali, Colombia E-mail: oramirez1167@gmail.com
RENNER, Lorna	Head of the Paediatric Oncology Unit, Korle Bu Teaching Hospital Associate Professor, Department of Child Health, University of Ghana School of Medicine and Dentistry Continental President (Africa), International Society of Paediatric Oncology Accra, Ghana E-mail: lornarenner@gmail.com
RODRIGUEZ-GALINDO, Carlos	Executive Vice-President Director, St. Jude Global Chair, Department of Global Pediatric Medicine Four Stars of Chicago Chair in International Pediatric Research St. Jude Children's Research Hospital Memphis, Tennessee, USA E-mail: Carlos.Rodriguez-Galindo@stjude.org
ROSSER, Jon	Chief Executive World Child Cancer London, UK E-mail: jon.rosser@worldchildcancer.org

SAAB, Raya	Acting Director, Children's Cancer Institute Director, Pediatric Cancer Research Program American University of Beirut Beirut, Lebanon E-mail: rs88@aub.edu.lb
STEFAN, Cristina	President African Organization for Research & Training in Cancer (AORTIC) Professor, Pediatric Oncology Cape Town, South Africa E-mail: cristinastefan10@gmail.com
SULLIVAN, Michael	Professor of Paediatrics, University of Melbourne Paediatric Oncologist, Children's Cancer Centre Continental President (Oceania), International Society of Paediatric Oncology Melbourne, Australia E-mail: Michael.Sullivan@rch.org.au
SULLIVAN, Richard	Professor, Cancer Policy and Global Health Director, Institute of Cancer Policy King's College London London, England, UK E-mail: richard.sullivan@kcl.ac.uk
SULTAN, Iyad	Chairman of Pediatrics Consultant, Pediatric Hematology/Oncology Associate Member, Department of Pediatrics King Hussein Cancer Center Amman, Jordan E-mail: isultan@KHCC.JO
TORODE, Julie	Director, Special Projects Union for International Cancer Control (UICC) Geneva, Switzerland E-mail: torode@uicc.org
VASQUEZ PONCE, Liliana	Pediatric Oncologist Ministry of Health of Peru Lima, Peru E-mail: lilianavasq@gmail.com
WAKEFIELD, Claire	Chair, Pediatric Psycho-Oncology Special Interest Group International Psycho-Oncology Society (IPOS) Professor and Head, Behavioural Sciences Unit, Kids Cancer Centre Sydney Children's Hospital Randwick, New South Wales, Australia E-mail: c.wakefield@unsw.edu.au

WOLLAERT, Susanne

Executive Director
International Society of Paediatric Oncology
Steinhausen, Switzerland
E-mail: swollaert@siop-online.org

XIA, Chunwei

Assistant General-Secretary and Head of Programmes
New Sunshine Charity Foundation
Beijing, China
E-mail: chunwei.xia@isun.org

Remote Participants

ATUN, Rifat

Professor of Global Health Systems
Department of Global Health and Population
Harvard TH Chan School of Public Health
Boston, Massachusetts, USA
E-mail: ratun@hsph.harvard.edu

BOUFFET, Eric

Garron Family Chair in Childhood Cancer Research
Professor of Paediatrics
Hospital for Sick Children
President, International Society of Paediatric Oncology
Toronto, Ontario, Canada
E-mail: eric.bouffet@sickkids.ca

CONNOR, Stephen

Executive Director
Worldwide Hospice Palliative Care Alliance
Fairfax, Virginia, USA
E-mail: sconnor@thewhpca.org

FARMER, Mychelle

Chair
NCD Child
Itasca, IL, United States
E-mail: farmermychelle@gmail.com

NDEBELE, Michelle

Cancer Program Manager
Clinton Health Access Initiative, Inc.
Kampala, Uganda
Email:E-mail: mndebele@clintonhealthaccess.org

UN Agencies

ABDEL-WAHAB, May

Remote participation

Director, Division of Human Health
Department of Nuclear Sciences and Applications
International Atomic Energy Agency
Vienna, Austria
E-mail: M.Abdel-Wahab@iaea.org

BRAY, Freddie

Section Head, Section of Cancer Surveillance
International Agency for Research on Cancer,
Lyon, France
E-mail: BrayF@iarc.fr

GAUVREAU, Cindy

Visiting Scientist
Prevention and Implementation Group
International Agency for Research on Cancer,
Lyon, France
E-mail: GauvreauC@visitors.iarc.fr

LAHOUE, Beatrix

Remote participation

Section Head, Programme Design Section
Programme of Action for Cancer Therapy (PACT)
Department of Technical Cooperation
International Atomic Energy Agency
Vienna, Austria
E-mail: B.Lahoupe@iaea.org

LI BASSI, Luca

Remote participation

Section Head, Health System Strengthening
Programme of Action for Cancer Therapy (PACT)
Department of Technical Cooperation
International Atomic Energy Agency
Vienna, Austria
E-mail: L.Li-Bassi@iaea.org

LONGORIA, Luis

Remote participation

Director, Latin America and the Caribbean
Acting Director, Programme of Action for Cancer Therapy (PACT)
Department of Technical Cooperation
International Atomic Energy Agency
Vienna, Austria
E-mail: L.Longoria-Gandara@iaea.org

MEHEUS, Filip

Health Economist
Prevention and Implementation Group
International Agency for Research on Cancer
Lyon, France
E-mail: MeheusF@iarc.fr

NITZSCHE, Anja

Remote participation

Section Head, Resource Mobilisation|
Department of Technical Cooperation
International Atomic Energy Agency
Vienna, Austria

E-mail: A.Nitzsche-Bell@iaea.org

POLO, Alfredo

Remote participation

Department of Nuclear Sciences and Applications
International Atomic Energy Agency
Vienna, Austria

E-mail: J.A.Polo-Rubio@iaea.org

STELIAROVA-FOUCHER, Eva

Scientist, Section of Cancer Surveillance
International Agency for Research on Cancer
Lyon, France

E-mail: SteliarovaE@iarc.fr

WHO Secretariat

ADAM, Taghreed	Scientist, Research, Ethics and Knowledge Management Department of Information, Evidence and Research World Health Organization Geneva, Switzerland E-mail: adamt@who.int
BARANGO, Prebo	Medical Officer Inter-Country Support Team for Eastern and Southern Africa, World Health Organization Harare, Zimbabwe E-mail: barangop@who.int
BERTRAM, Melanie	Technical Officer Costs, Effectiveness, Expenditure and Priority Setting (CEP) World Health Organization Geneva, Switzerland E-mail: bertramm@who.int
BOUËSSEAU, Marie-Charlotte	Advisor, Service Delivery and Safety (SDS) Department of Service Delivery and Safety World Health Organization Geneva, Switzerland E-mail: bouesseaum@who.int
CORBEX, Marilys	Senior Technical Officer Regional Office for Europe World Health Organization Copenhagen, Denmark E-mail: corbexm@who.int
DORJI, Gampo	Technical officer Regional Office for South-East Asia World Health Organization New Delhi, India E-mail: dorjig@who.int
FONES, Guy	A.I. Director, Global Coordination Mechanism World Health Organization Geneva, Switzerland E-mail: fonesg@who.int
GARNER, Sarah	Coordinator Innovation, Access and Use, Department of Essential Medicines and Health Products World Health Organization Geneva, Switzerland E-mail: garners@who.int

ILBAWI, André	Technical Officer, Cancer Control Department for Management of Noncommunicable Diseases, Disability, Violence and Injury Prevention World Health Organization Geneva, Switzerland E-mail: ilbawia@who.int
JOHNSON, Walter	Lead, Emergency & Essential Surgical Care Programme Department of Service Delivery and Safety World Health Organization Geneva, Switzerland E-mail: johnsonw@who.int
KAWAR, Rania	Technical Officer Health Workforce Department World Health Organization Geneva, Switzerland E-mail: kawarr@who.int
KIM, Warrick	Medical Officer Noncommunicable Diseases and Health Promotion Regional Office for the Western Pacific Manila, Philippines E-mail: kimw@who.int
KRUG, Etienne	Director Department for Management of Noncommunicable Diseases, Disability, Violence and Injury Prevention World Health Organization Geneva, Switzerland E-mail: kruge@who.int
LUCIANI, Silvana	Unit lead, Non-communicable Diseases Pan American Health Organization Regional Office for the Americas World Health Organization Washington, DC, USA E-mail: lucianis@paho.org
MAGRINI, Nicola	Scientist, WHO List of Essential Medicines Innovation, Access and Use, Department of Essential Medicines and Health Products World Health Organization Geneva, Switzerland E-mail: magrinin@who.int
TORO POLANCO, Nuria	Technical Officer Department of Service Delivery and Safety World Health Organization Geneva, Switzerland E-mail: toropolancon@who.int

TRAPANI, Dario	Consultant, Cancer Department for Management of Noncommunicable Diseases, Disability, Violence and Injury Prevention World Health Organization Geneva, Switzerland E-mail: trapanid@who.int
VARGHESE, Cherian	Coordinator, Management of Noncommunicable Diseases Department for Management of Noncommunicable Diseases, Disability, Violence and Injury Prevention World Health Organization Geneva, Switzerland E-mail: varghesec@who.int
VELAZQUEZ-BERUMEN, Adriana	Senior Advisor on Medical Devices Medicines and Health Products Department World Health Organization Geneva, Switzerland E-mail: velazquezberumena@who.int
WERE, Wilson	Medical Officer Maternal, Newborn, Child and Adolescent Health Department World Health Organization Geneva, Switzerland E-mail: werew@who.int
WILLIAMS, Julianne	Technical Officer - Noncommunicable Diseases WHO European Office for Prevention and Control of Noncommunicable Diseases (NCD Office) Moscow, Russian Federation E-mail: williamsj@who.int