



International Paediatric Onco-Critical Care

SYMPOSIUM

April 14-16, 2026



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Session Descriptions

We are pleased to offer a variety of sessions during this conference, including:

Breakout sessions: interactive live discussions and workshops on current topics.

Abstract sessions: view abstract presentations and interact with the presenters.

Nursing sessions: lectures and interactive sessions for nurses.

Dear Colleagues,

We wish you a warm welcome to the **International Paediatric Onco-Critical Care Symposium (IPOCCS)**. We are delighted to bring together clinicians, researchers, nurses, allied health professionals, and global collaborators who share a commitment to improving outcomes for critically ill paediatric oncology and post-transplant patients.

This symposium continues to serve as a vital platform for discussing current challenges, emerging evidence, and innovative approaches in paediatric onco-critical care. Our shared mission is clear: to advance the care of children with cancer and critical illness through excellence in patient care, robust multidisciplinary collaboration, and the ongoing growth of both clinical and translational research.

As we enter our **second year with expanded international partnership**, we proudly highlight the strengthened collaboration between **St. Jude Children's Research Hospital, Great Ormond Street Hospital for Children, and the Princess Máxima Center for Pediatric Oncology**. This international partnership reflects our shared dedication to global exchange of knowledge and continued progress in a rapidly evolving field.

Throughout this year's program, you will engage with experts from around the world who are shaping the future of paediatric onco-critical care. We encourage you to participate fully—ask questions, share experiences, strengthen networks, and explore opportunities for continued international collaboration.

Thank you for joining us and for the work you do every day to advance the care of children with cancer and their families. We look forward to an inspiring and productive symposium.

Warmest regards,

IPOCCS Organizing Committee
St. Jude Children's Research Hospital
Great Ormond Street Hospital for Children
Princess Máxima Center for Pediatric Oncology



Melissa Hines



Caitlin Hurley



Roelie Wösten-van Asperen



Joe Brierley

Core Concepts in Onco-Critical Care		
9:00-9:45 a.m.	Respiratory Failure in Onco-Critical Care Courtney Rowan, MD	Marlo Thomas Center Board Room
9:45-10:30 a.m.	Neutropenic Sepsis Gaby Maron, MD	Marlo Thomas Center Board Room
10:30-10:45 a.m.	Break	
10:45-11:30 a.m.	Literature Review for Pediatric Onco-Critical Care: Studies that have changed our practice and research Melissa Hines, MD Roelie Wösten-van Asperen, MD, PhD	Marlo Thomas Center Board Room
11:30 a.m.-12:15 p.m.	Oncologic Emergencies at Leukemia Diagnosis Jennifer McArthur, DO Hannah Estes, MD	Marlo Thomas Center Board Room
12:15-1:30 p.m.	Lunch	Marlo Thomas Center Board Room
1:30-3:00 p.m. Session A	Development of a Vascular Access Team Stephenie Morgan, BSN, RN, CPN, VA-BC Darenda Wright, BSN, RN, CPN, VA-BC	Marlo Thomas Center Lecture Hall
1:30-2:45 p.m. Session B	ECMO in the Onco-Critical Care Population Saad Ghafoor, MD Matteo Di Nardo, MD	Marlo Thomas Center Auditorium
3:00-4:15 p.m. Difficult Cases	Navigating Diffuse Alveolar Haemorrhage in Paediatric Onco-Critical Care Unit: Insights from a Resource-Constrained Setting Parthasarathi Bhattacharyya, MD Severe PARDS as the Initial Presentation of Occult Anaplastic Large Cell T-Cell Lymphoma in an Adolescent Priscila Rodrigues, MD	Marlo Thomas Center Lecture Hall

9:00-10:00 a.m.	Genomic Studies in Pediatric Critical Illness: Approaches, Clinical Significance and Relevance to Pediatric Onco-Critical Care Mary K. Dahmer, PhD Heidi Flori, MD, FAAP	Marlo Thomas Center Auditorium
10:00-10:15 a.m.	Break	
10:15-10:45 a.m.	Chronic Pulmonary Complications after Hematopoietic Stem Cell Transplantation Gregory Yanik, MD	Marlo Thomas Center Auditorium
10:45-11:15 a.m.	Lung Transplantation after Pediatric Hematopoietic Stem Cell Transplantation: Role and Considerations Shailendra Das, DO	Marlo Thomas Center Auditorium
11:15-11:30 a.m.	Break	
11:30 a.m.- 12:00 p.m.	The Impact of Infectious Diseases for Pediatric Onco-Critical Care Patients in a World of Declining Vaccine Uptake Richard Webby, PhD	Marlo Thomas Center Auditorium
11:30 a.m.- 12:00 p.m. Nursing Session	Machine AI Learning in Nursing Ahmed Said, MD, PhD	Marlo Thomas Center Lecture Hall
12:00-1:15 p.m.	Lunch	Marlo Thomas Center Board Room
1:15-2:30 p.m. Session A	Panel Discussion: Interdisciplinary Approach to Clinical Research on Genetic Differences in Pediatric Onco-Critical Care Mary K. Dahmer, PhD Heidi Flori, MD, FAAP Meaghan Weaver, MD, PhD Jennifer McArthur, DO	Marlo Thomas Center Auditorium
1:15-2:30 p.m. Session B Global Difficult Cases	Tracheal Injury in a Patient with Lymphoma Luis Llano, MD TA-TMA triggered by Dengue Izabelle Neves, MD	Marlo Thomas Center Lecture Hall
2:30-2:45 p.m.	Break	

Wednesday, April 15 Agenda Continued

<p>2:45-3:45 p.m. Oral Abstract Presentations</p>	<p>Acute critical illness and resource utilization in children with cancer and sickle cell disease in resource-limited settings: a secondary analysis from the Global PARITY Study Eliana Lopez-Baron, MD</p> <p>Identification of Capacity and Quality Indicators for Continuous Renal Replacement Therapy in Pediatric Oncology Patients Hannah Rees, MD</p> <p>Respiratory Organ Dysfunction Criteria for Children with Cancer and Post-Hematopoietic Cell Transplantation: A Systematic Review Benjamin Oelkers, BS</p> <p>Severe PARDS as the Initial Presentation of Occult Anaplastic Large Cell T-Cell Lymphoma in an Adolescent Priscila Rodrigues, MD</p>	<p>Marlo Thomas Center Auditorium</p>
<p>2:45-4:15 p.m. Nursing Session</p>	<p>Veno-occlusive Disease (VOD) Kathleen Maloney, PNP</p>	<p>Marlo Thomas Center Lecture Hall</p>
<p>3:45-4:00 p.m.</p>	<p>Poster Presentation Announcements</p>	<p>Marlo Thomas Center Auditorium</p>
<p>4:00-4:15 p.m.</p>	<p>Break</p>	
<p>4:15-5:45 p.m. Abstract Session</p>	<p>For in-person attendees only</p>	<p>Marlo Thomas Center Lobby</p>

8:00-9:00 a.m. Grand Rounds	The Role of Plasmapheresis in Sepsis: Lessons From Adult Critical Care, Future Directions, and Special Considerations in Immunocompromised Hosts L. Keith Scott, MD, MSc, FCCM	Marlo Thomas Center Auditorium
9:00-9:15 a.m.	Break	
9:15-10:15 a.m.	Role of Machine Learning and Artificial Intelligence in Pediatric Critical Care Ahmed Said, MD, PhD Panel Discussion: How to Leverage Machine Learning and AI Methods in Pediatric Onco-Critical Care Melissa Hines, MD Hyun Jung (HJ) Park, PhD Jennifer McArthur, DO Ahmed Said, MD, PhD	Marlo Thomas Center Auditorium
9:15-10:15 a.m. Nursing Session	Difficult Cases Laurie Shoulders, MS, MSN, RN, CCRN, CPHON Nieske van Beek, RN, CPON, PICU	Marlo Thomas Center Lecture Hall
10:15-10:30 a.m.	Break	
10:30-11:00 a.m.	Advances in Therapy for Infants with Brain Tumors Aditi Bagchi, MD, PhD	Marlo Thomas Center Auditorium
10:30-11:45 a.m. Nursing Session	SNAP into Action: Development & Implementation of Serial Neurological Assessment in Pediatrics Tool Katie A. Smith, DNP, MHP, ACCNS-P, CPN, CHES	Marlo Thomas Center Lecture Hall
11:00-11:30 a.m.	Role of Virtual Reality and 3D Modeling in the Patient Family Experience and Palliative Care in Pediatric Oncology and Critical Care Zach Abramson, MD, DMD	Marlo Thomas Center Auditorium
11:30 a.m.- 1:00 p.m.	Lunch	Marlo Thomas Center Board Room
1:00-1:30 p.m.	Advances in Interventional Radiology in Pediatric Onco-Critical Care Allison Aguado, MD	Marlo Thomas Center Auditorium

Thursday, April 16 Agenda Continued

1:30-2:15 p.m.	Round Table Discussion: Role of Pheresis in TMA Saad Ghafoor, MD Nabil Tabish, MD, MS	Marlo Thomas Center Auditorium
2:15-2:30 p.m.	Break	
2:30-3:15 p.m. Debate	Debate: Role of Specialized ICU v. General PICU Joe Brierley, MD R. Ray Morrison, MD	Marlo Thomas Center Auditorium
3:15-3:30 p.m.	Abstract Awards, IPOCCS Lifetime Achievement Award, Announcements, and Closing Remarks Joe Brierley, MD Melissa Hines, MD Caitlin Hurley, MD Roelie Wösten-van Asperen, MD, PhD	Marlo Thomas Center Auditorium

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Educational Objectives & Outcomes

After attending this educational symposium, you should be able to:

1. Determine which latest developments in pediatric onco-critical care are applicable to their practice
2. Plan ways to implement those developments and strategies

Accreditation Statement

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of St. Jude Children's Research Hospital, Princess Máxima Center for pediatric Oncology, and Great Ormond Street Hospital for Children. St. Jude Children's Research Hospital is accredited by the ACCME to provide continuing medical education for physicians.

Nurses who attend are eligible for ANCC NCPD Contact Hours for segments of this symposium. St. Jude Children's Research Hospital is accredited as a provider of nursing continuing professional development by the American Nurses Credentialing Center's Commission on Accreditation.

Disclosure of Financial Relationships

All individuals in a position to control the content of this CE activity (such as faculty, presenters, and planners) were asked to complete a statement regarding all financial relationships between themselves and any ineligible company (defined by the ACCME as any entity whose primary business is producing, marketing, selling, re-selling, or distributing healthcare products used by or on patients).

All relevant relationships will be disclosed below.

Special Thanks

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