

Program Overview

Time		Session Title/Topic	Session-Specific Learning Objectives
0730-0800		Registration & Welcome Coffee	
OPENING CEREMONY			
0800-0805	Opening	Welcome & Opening Remarks Prof. Ibrahim Janahi, Chief Medical Officer, Sidra Medicine Welcome delegates, introduce the symposium theme and Qatar’s commitment to pediatric sepsis improvement	
0805-0815 10 mins	Patient Story	Through the Storm: My Sepsis Story Speaker: Dr. Adiba Hamad	- Humanise the burden of pediatric sepsis through a real family experience. - Anchor the day's clinical content in the patient and family perspective. - Set the ethical and emotional tone for the symposium
SESSION 1 – THE SCIENCE OF SEPSIS: NEW GUIDELINES & DEFINITIONS			
0815-0845 30 mins	Key Note	Surviving Sepsis Campaign 2026: What Every Clinician Needs to Know Speaker: Prof. Luregn Schlapbach	- Summarize the key changes in the 2026 SSC paediatric guidelines. - Identify priority recommendations for immediate clinical implementation. - Describe the evidence base underpinning the updated bundles
0845-0915 30 mins	Key Note	Reducing Variation and Missed Sepsis: Why Children Continue to Be Missed Speaker: Prof Enitan Carrol	- Quantify the burden of missed sepsis in paediatric populations. - Identify systems and human factors driving diagnostic variation. - Propose evidence-based strategies to reduce missed diagnoses
0915-0930 15 mins	Key Note	Implementing Sepsis Improvement Programmes Speaker: Dr. Yasser Kazzaz	- Describe key components of the national paediatric sepsis programme implemented in Saudi Arabia, including structure, strategies, and implementation processes. - Identify and analyze transferable lessons from the Saudi Arabian experience that can support

			guideline adoption and implementation in resource-similar healthcare settings. 3. Interpret measurable outcome data from the national paediatric sepsis improvement initiative, including clinical and quality indicators, to evaluate impact on patient care and system performance.
0930-0940 10 mins		Questions & Answers – Open Floor Chair: Dr. Ahmed Al-hammadi Moderator: Dr. Dina Schnurman, Dr. Ikram Ulhaque	
0940-1005		Morning Coffee Break & Trade Stalls	
1005-1020 15 mins	Inauguration	Inauguration Ceremony Speaker: Prof Ibrahim Janahi	1. Describe the strategic priorities of Qatar’s national sepsis agenda. 2. Recognize the role of national leadership and policy in advancing paediatric sepsis care, including governance, coordination, and healthcare system alignment. 3. Explain the significance of national-level initiatives in improving sepsis outcomes, with reference to Qatar’s commitment to quality, patient safety, and population health.
SESSION 2- NATIONAL STRATEGY, LOCAL GUIDELINES & THE CARE CONTINUUM			
1020-1035 15 mins	Local	Qatar's National Sepsis Strategy: A Ministry of Public Health Perspective Speaker: Rasmeh Al-Huneiti	1. Describe Qatar’s national sepsis policy framework and governance structure, including key stakeholders, oversight mechanisms, and implementation pathways. 2. Outline the Ministry of Public Health (MOPH) priorities for sepsis surveillance and quality reporting, including key indicators and reporting systems used to monitor performance. 3. Explain the role of national sepsis guidelines in driving system-wide improvement, including their impact on standardization of care, clinical

			decision-making, and patient outcomes.
1035-1100 25 mins	Combined	The New Sidra Medicine Paediatric Sepsis Guidelines: From Policy to Practice Policy Context & Opening Bedside Sepsis Screening Speakers: Dr. Manu Sundaram, Mohamad Sbeity, Collette Donnelley, Dr. Nasreen Faqih	1. Describe the structure of the newly developed Sidra Medicine paediatric sepsis guidelines, including key updates aligned with the 2026 Surviving Sepsis Campaign (SSC) recommendations. 2. Demonstrate application of the updated bedside sepsis screening tool and escalation criteria through clinical scenarios or case-based discussion. 3. Explain the stepwise management algorithm for paediatric sepsis, from emergency department triage through to paediatric intensive care unit (PICU) management. 4. Outline the implementation strategy for the sepsis guidelines, including audit processes, performance monitoring, and staff education initiatives to support sustained practice change.
1100-1125 25 mins	Key Note	Phoenix Criteria for Paediatric Sepsis: Problem Solved or New Challenges Speaker: Prof Luregn Schlapbach	1. Explain the derivation and validation of the Phoenix sepsis score. 2. Compare Phoenix with SIRS-based and legacy definitions. 3. Critically appraise limitations of Phoenix in resource-varied and neonatal settings.
1125-1145 20 mins	Case Panel	The Deteriorating Child: A Real Case Presented by Dr. Abubaker Aied Panelists: Dr. Hani Khalifa Vernon Naidoo Dr. Abdulla Al Houthi Dr Muhammad Islam	1. Trace the real journey of a deteriorating child from primary care through ambulance, PED, and Sidra ED. 2. Identify critical decision points and time-to-recognition gaps across the care continuum. 3. Highlight what went well and what systemic changes could have shortened the time to treatment. 4. Agree shared referral standards and communication protocols across PHCC, HMC, PEC, and Sidra.

1145-1155		Questions & Answers	
10 mins.		Chair: Prof. Ibrahim Janahi	
		Moderators: Dr. Buthaina Al-Adba	
1155-1250		Lunch Break, Dhuhr Prayer & Poster Viewing	
SESSION 3 - SYSTEMS, TECHNOLOGY & QUALITY IMPROVEMENT			
1250-1310	Keynote	Metagenomic Next-Generation Sequencing for Rapid Pathogen Identification in Sepsis Speaker: Dr. Muhammad Rubayat Hasan	1. Describe the principles of metagenomic next-generation sequencing (mNGS) and its application in clinical sepsis diagnostics. 2. Present evidence on turnaround time, sensitivity and specificity of mNGS versus conventional culture. 3. Discuss implementation challenges, cost, and governance frameworks for mNGS in a paediatric critical care setting.
1310-1325	Local	Whole-Genome Sequencing for AMR at Sidra: Seven Years of Outbreak Investigation Speaker: Dr. Andres Lopez	1. Summarize seven years of WGS-guided outbreak investigation experience at Sidra Medicine. 2. Demonstrate how WGS has changed antimicrobial resistance surveillance and infection control responses. 3. Outline the integration of WGS data into clinical sepsis management pathways at Sidra.
1325-1340	Local	Antibiotic Stewardship, Pharmacy Optimization & HAIs in Paediatric Sepsis Speakers : Dr. Abdul Wahid Zaniel, Dalia Ahmed	1. Characterize the relationship between HAIs and sepsis outcomes 2. Outline antibiotic stewardship principles within the 2026 bundle framework. 3. Present PK/PD principles for optimizing empiric dosing in paediatric sepsis. 4. Describe pharmacy-led de-escalation and medication reconciliation protocols.
1340-1350		Questions & Answers	

10 mins.		Chair: Dr. Jason Ford Moderators: Dr. Khalid Al Elithy, Dr. Ricardo Branco	
1350-1410		Afternoon Coffee Break & Trade Stalls	
SESSION 4 - SPECIAL POPULATIONS, PARALLEL WITH WORKSHOPS A, B & C			
1410-1425 15 mins	Local	Maternal Sepsis and Implications for the Neonate Speaker: Dr. Khawla Ismail	1. Describe the pathophysiology of maternal sepsis and transplacental effects on the foetus and neonate. 2. Identify risk factors for neonatal sepsis following maternal infection. 3. Outline joint obstetric–neonatal sepsis care pathways and alert protocols at Sidra Medicine.
1425-1440 15 mins	Local	Diagnosing Neonatal Sepsis in 2026: Beyond the Blood Culture Speaker: Thea Marie Rivera Robleza	1. Critically appraise current biomarkers (CRP, PCT, IL-6) and novel omics approaches for neonatal sepsis. 2. Discuss the role of rapid molecular diagnostics and metagenomics in diagnosis. 3. Address the applicability and limitations of the Phoenix score in the neonatal context.
1440-1455 15 mins	Local	Sepsis in Oncology and Post-BMT Patients on Newer Immunomodulators Speaker: Dr. Shaikha Al Qahtani	1. Define the unique pathophysiology of sepsis in immunocompromised paediatric patients. 2. Discuss the impact of newer immunomodulators — checkpoint inhibitors, CAR-T, JAK inhibitors — on sepsis presentation and response. 3. Present evidence-based modifications to standard sepsis bundles for oncology and post-BMT patients
1455-1510 15 mins	Local	Early Recognition Across the Care Continuum: Evidence and Best Practice Speaker: Prof Enitan Carrol	1. Present evidence on time-to-recognition and outcomes across care settings. 2. Define the integrated model of sepsis recognition spanning primary care, pre-hospital, and ED. 3. Propose quality metrics for measuring pathway effectiveness across the continuum.

1510-1525 15 mins	Local	CLABSI – to salvage the line or replace Speaker: Dr. Walid Mubarak	1. Describe the conundrum regarding the salvage or removal of line in CLBASI 2. Present data on CLABSI 3. Discuss how to prevent line sepsis
1525-1535 10 mins.		Questions & Answers Chair: Dr. Khalid Ansari Moderators: Dr. Sanoj Ali, Duane Wong	
PARALLEL WORKSHOPS			
1410-1535 1.5 hrs		Session A Point-of- Care Ultrasound (POCUS) in Sepsis Faculty-supervised hands-on station Facilitators: Dr. Muhammad Islam, Dr. Phani Kiran Yajamanyam, Dr. Haytham Ibrahim	1. Identify POCUS applications in sepsis: cardiac function, fluid responsiveness, IVC collapsibility, lung ultrasound. 2. Perform a structured RUSH protocol examination on a simulator. 3. Integrate POCUS findings into real-time hemodynamic decision-making. 4. Discuss the limitations and pitfalls of POCUS in paediatric populations
		Session B Cardiac Index Monitoring in Septic Shock Hands-on patient scenarios Facilitators: Dr Ikram Haque, Dr Aravanan Chakrapani	1. Recognise cardiovascular dysfunction in paediatric septic shock 2. Apply non-invasive and minimally invasive cardiac output monitoring 3. Integrate cardiac index data into titrated vasoactive and fluid therapy
		Session C Early Sepsis Screening — Phoenix Criteria Scenarios Simulation-based learning Facilitators: Prof. Luregn Schlapbach, Dr. Nesreen Faqih, Dr. Adiba Hamad	1. Calculate the Phoenix Sepsis Score for a series of real paediatric case scenarios. 2. Compare Phoenix with prior screening tools and current local triggers. 3. Design a unit-level screening algorithm incorporating Phoenix. 4. Identify patient populations where Phoenix has known limitations
FINAL SESSION – CLOSING PANEL DISCUSSION & CEREMONY			
1535-1630	Panel	Reducing the Risk of Sepsis- Myth or reality	1. Distinguish preventable from non-preventable paediatric sepsis

55 mins	Case to be presented by Dr. Ruwa Mohamed Panellists: • Prof Luregn Schlapbach • Prof Enitan Carrol • Dr Yasser Kazz • Gloria Kamba • Dr El Houthi • Dr. Muhammad Islam • Dr. Shabina Khan • Dr. Suzan Nasser Chair: Dr. Eman Maslamani Moderators: Harris Huda, Dr. Manu Sundaram	2. Recognise antimicrobial resistance as an emerging prevention agenda 3. Apply a prevention lens to local practice
1630-1650	Action Points, Acknowledgements & Certificate of Attendance Speakers: Dr. Manu Sundaram	Announce key action points and next steps; acknowledge speakers, faculty, and sponsors; distribute certificates of attendance; launch the Qatar Paediatric Sepsis Network commitment statement.