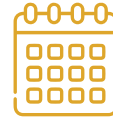




1st Aseer International Pediatric Emergency Conference

مؤتمر عسير الدولي الأول
لطب طوارئ الأطفال 2026



6 - 7
SEP 2026



Aseer,
Abha Interior
Ministry Club
in Aseer

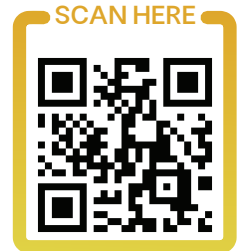
Objectives:

Workshops 4 - 5 Sep



King Khalid University (KKU) -
Academic Affairs

- Identify common and vision threatening ocular emergencies encountered in pediatric emergency medicine.
- Recognize key clinical red flags in children presenting with eye complaints that require urgent ophthalmologic intervention.
- Perform a focused and systematic emergency assessment of the pediatric eye, including history taking and bedside examination.
- Differentiate benign ocular conditions from time-sensitive emergencies based on clinical presentation.





● Day 1 – CME Objectives:

– Opening Ceremony & Vision for Pediatric Emergency Excellence

- Identify key components of excellence in pediatric emergency care systems.
- Recognize gaps in current pediatric emergency practices at the regional level.
- Formulate strategies to align local practice with international standards.

– Early Recognition of the Critically Ill Child

- Recognize early and subtle signs of pediatric clinical deterioration.
- Apply structured assessment frameworks (e.g., ABCDE, PEWS) to identify critical illness.
- Initiate timely escalation and early goal-directed interventions.

– Pediatric Sepsis: Early Recognition and Risk Stratification

- Recognize early and subtle presentations of pediatric sepsis.
- Apply validated risk stratification tools to identify high-risk patients.
- Initiate timely, evidence-based management, including antibiotics and IV fluid resuscitation, to reduce morbidity and mortality.

– Ultrasound-Guided Resuscitation in Pediatric Emergency

- Identify indications for POCUS in pediatric resuscitation.
- Apply the RUSH protocol for rapid hemodynamic assessment and shock differentiation.
- Integrate ultrasound findings to guide real-time resuscitation and optimize outcomes.



- Challenges in Pediatric Prehospital Care

- Identify challenges unique to prehospital pediatric care.
- Apply appropriate assessment and stabilization techniques.
- Improve communication and handover between EMS and ED.

- Flow Management & Crowd Mitigation

- Identify key contributors to emergency department overcrowding.
- Apply targeted strategies to optimize patient flow at each stage of care (input, throughput, and output).
- Implement operational interventions to improve efficiency and reduce crowding.

- Pediatric Trauma: Initial Assessment and Stabilization

- Assess pediatric trauma patients with an approach adapted to their unique anatomical and physiological characteristics.
- Recognize injuries that can lead to rapid deterioration or death in pediatric trauma.
- Initiate timely resuscitation addressing immediate life-threatening priorities.

- Head Trauma: CT Evidence-Based Decision Making

- Identify patients within the "grey zone" where decision-making is uncertain.
- Integrate multiple clinical decision tools and clinical judgment in evaluating pediatric head trauma.
- Determine appropriate management (observation, CT, or discharge) while minimizing unnecessary radiation exposure.

- Leadership Under Pressure in Emergency Settings

- Identify challenges in high-stress emergency environments.
- Apply principles of crisis resource management (CRM).
- Demonstrate effective team communication and leadership Behaviors.



- The Sick Neonate in Emergency Department

- Recognize early warning signs of neonatal illness in the emergency setting.
- Consider a broad differential diagnosis in sick neonates, including infectious, metabolic, cardiac, and surgical causes.
- Initiate timely stabilization and appropriate initial management based on clinical presentation.

- Antibiotic Stewardship in Pediatric Emergency: When Less Is More

- Identify scenarios of inappropriate antibiotic use in pediatric emergency care.
- Apply evidence-based criteria for antibiotic initiation.
- Implement strategies to reduce unnecessary antibiotic prescribing.

- The Tachypneic Child: When the Lungs Are Not the Problem

- Recognize tachypnea as a potential manifestation of systemic illness beyond the respiratory system.
- Differentiate respiratory from non-respiratory etiologies using clinical assessment.
- Apply a stepwise, physiology-based approach to evaluation and management.

- Observe or Admit? Decision-Making in Pediatric Poisoning

- Risk stratify pediatric poisoning cases based on exposure history, toxidrome, and clinical progression.
- Navigate disposition decisions (observation, admission, or discharge) in borderline or uncertain cases.
- Determine safe, individualized management while accounting for delayed toxicity.

- Unknown Bites and Stings: Approach and Management

- Identify clinical presentations of bites and stings with unknown etiology.
- Recognize red flags indicating severe envenomation or allergic reactions.
- Apply a structured management approach.



● Day 2 – CME Objectives:

– Medico-legal Challenges in Pediatric Emergency Practice

- Recognize common medico-legal challenges in pediatric emergency practice.
- Apply ethical and legal principles to resuscitation decision-making in children, particularly in conflicts with caregivers' wishes.
- Demonstrate best practices in documentation and risk mitigation, ensuring clear, defensible clinical decisions in complex emergency scenarios.

– Chest Pain in Children: ECG and Beyond

- Identify life-threatening causes of pediatric chest pain.
- Interpret common and critical ECG findings in children.
- Apply a structured clinical approach to evaluation.

– Status Epilepticus in Children: Updated Management

- Apply updated, evidence-based guidelines in the management of pediatric status epilepticus.
- Differentiate treatment phases and choose appropriate pharmacologic interventions.
- Recognize complications of status epilepticus and initiate advanced management strategies.

– Approach to The Febrile Child (3–36 months)

- Apply risk stratification tools in febrile children without a focus.
- Identify clinical indicators of serious bacterial infection.
- Formulate evidence-based management plans.



- Skin Rashes in Children: When Should We Worry?

- Differentiate benign from serious dermatologic conditions.
- Identify red flags requiring urgent evaluation.
- Apply appropriate management and referral pathways.

- Family-Centered Management in Pediatric Emergency Medicine

- Recognize the importance of family-wide management in preventing recurrence and achieving cure.
- Provide structured caregiver education to improve understanding, adherence, and home practices.
- Promote caregiver involvement in sustaining the child's health and preventing future illness.

- Artificial Intelligence and the Future of Pediatric Emergency Medicine

- Identify current applications of artificial intelligence in emergency care.
- Recognize limitations and ethical considerations of AI.
- Anticipate future integration into clinical practice.

- Child Abuse: From Suspicion to Reporting

- Recognize when to suspect abuse: key warning signs not to miss.
- Ensure accurate documentation while prioritizing the child's immediate safety.
- Initiate appropriate escalation and follow mandated reporting procedures within the Saudi healthcare system.

- Acute Abdomen in Children: Clinical Judgment vs Imaging

- Recognize red flags and high-risk features suggestive of a surgical abdomen.
- Select the most appropriate imaging modality based on clinical suspicion.
- Maintain clinical judgment when imaging is inconclusive to ensure safe decision-making.



- Pediatric Emergency Sedation: Risk Reduction Strategies

- Identify appropriate indications and contraindications for procedural sedation.
- Recognize and anticipate sedation-related adverse events.
- Apply standardized safety protocols to minimize complications and enhance patient safety.

- High-Yield Critical Procedures in Pediatric Emergency

- Identify essential emergency procedures in pediatric care.
- Recognize indications and contraindications for each procedure.
- Demonstrate safe procedural techniques.

- Pediatric Disaster Preparedness and Mass Casualty Management

- Identify principles of pediatric disaster preparedness.
- Apply triage systems in mass casualty situations.
- Implement resource allocation strategies.

- Pediatric Emergency Department Performance Metrics

- Identify key performance indicators in pediatric emergency care.
- Measure clinical and operational outcomes.
- Apply quality improvement strategies based on data.

- Closing Ceremony

- Summarize key scientific and clinical takeaways.
- Identify future directions in pediatric emergency medicine.
- Reinforce professional commitment to quality care.



مستشفى القوات المسلحة بالجنوب



وزارة الدفاع
MINISTRY OF DEFENSE

Speakers



Dr. Sultan Yahya Ahmed Asir

Consultant-Pediatrics/ Perinatal Neonatal Medicine

Perinatal Neonatal Medicine Consultant
Khamis Mushayt MCH
Aseer Health Cluste



Dr. Yara Mohammed Fahad Algoraini

Consultant-Pediatrics/ Pediatric EmergencyMedicine

a Pediatric Emergency Medicine consultant at King Fahad Medical City in Riyadh and Deputy Fellowship Training Program Director. She is the founder of PEM Updates and a member of PEMSTAT, focusing on Health informatics, innovative medical education, simulation, and practical clinical tools. She is also actively involved in research and is authoring a book on pediatric emergency medicine.



Dr. Musa Suliman Farhan Alfaifi

Consultant-Emergency Medicine/ ClinicalToxicology

a Consultant in Emergency Medicine and Medical Toxicology in the Aseer Region of Saudi Arabia and Director of the Toxicology Service at the Armed Forces Hospital Southern Region. He completed his Emergency Medicine training with First Honor Degree in the Saudi Board of Emergency Medicine and later pursued a Medical Toxicology Fellowship at Emory University. He was elected Fellow of the American College of Medical Toxicology in 2024. He also holds advanced qualifications from Harvard Medical School and King Saud University for Health Sciences. He is a founding leader in establishing Medical Toxicology training programs in Saudi Arabia and the MENA region, with strong academic interests in clinical toxicology, envenomation, pesticide poisoning, and public health.



Dr. Amal Abubakr Yousif Yousif

Consultant-Pediatrics

first certified Saudi female physician in Pediatric Emergency Medicine subspecialty and in fact, the first one in GCC (Gulf Corporate Countries) too.

Got Arab Board in pediatrics certificate in 1999, then got my Canadian Pediatric Emergency Fellowship from University of British Columbia, Vancouver-Canada in 2005 during which I was honored and awarded to be the best teacher of the year all.

Titles:

Senior PEM Consultant in KSUMC-KKUH, King Saud University

Clinical Assistant Professor KSU

Adjunct Assistant Professor IMSU

Vice President SASEM

Executive member in multiple Committees and Scientific Councils



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Dr. Hussein Saeed Hussain Alshahrani

Consultant-Pediatrics/ Pediatric Emergency

Pediatric Emergency consultant, fellowship director.



Dr. Abrar Ahmed Mohammed Bin Abbas

Senior Registrar-Dermatology

Senior registrar Dermatologist

Saudi, European, and Arab Board Certified in Dermatology and Venereology



Dr. Bandar Ali Mohammed Alqahtani

Consultant-Pediatrics/ Pediatric Emergency Medicine

a Saudi Pediatric Emergency Medicine Consultant and healthcare executive with over 15 years of experience leading clinical operations, quality improvement, and strategic transformation across public and private healthcare sectors. He specializes in emergency department performance, patient flow optimization, physician leadership, and value-based healthcare delivery. With advanced training through American Association for Physician Leadership and American College of Healthcare Executives, he is focused on advancing healthcare systems through innovation, governance excellence, and high-reliability leadership.



Dr. Mazin Ahmed A Mubaraki

Consultant-Pediatrics/ Pediatric Emergency

Clinical Assistant professor

Majmah university

Pediatric emergency consultant

King Abdallah complexes



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Dr. Khaled Ahmed Mohammed Al Nahili

Consultant-Pediatrics/ PediatricCardiology/Pediatric Echocardiology

Consultant pediatric and pediatric cardiologist, Abha MCH
Saudi board in general pediatric
Saudi fellowship in pediatric cardiology
Saudi fellowship in pediatric echocardiography



Dr. Ahmed Saleh M Albishri

Consultant-Pediatrics/ Pediatric Infectious Disease

Consultant in Pediatrics and Pediatric Infectious Diseases, and Head of the Infectious Diseases Unit at the Armed Forces Hospital (Southern Region). He holds the Saudi Fellowship in Pediatric Infectious Diseases (2015) and is certified by the Saudi, Jordanian, and Arab Boards in Pediatrics, in addition to the American Board in Infection Control (2025).



Dr. Meshari Marshad Saad Dalbough

Consultant-Pediatrics/ Emergency Medicine Ultrasound/Pediatric Emergency

Consultant Pediatric Emergency Medicine | POCUS Educator
Dr. Meshari Dalbough is a Consultant in Pediatric Emergency Medicine and a leading POCUS educator in Saudi Arabia. He completed his PEM training under the Saudi Commission for Health Specialties and advanced fellowship training in Pediatric Acute Care POCUS. He is the founder of the POCUS initiative in the southern region and has trained over 30 physicians across the Kingdom through accredited courses and hands-on programs. His focus includes resuscitative ultrasound, pediatric emergency care, and advancing clinical education to improve patient outcomes.



Dr. Haneen Mohamed AlTurki

Consultant-Pediatrics/Child Abuse Pediatrics

A Child Maltreatment Consultant in the Child Care Section (SCAN Team) within the Department of Pediatrics at King Abdullah Specialized Children's Hospital, Ministry of National Guard Health Affairs, Riyadh, Saudi Arabia.



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Dr. Bassam Abdulaziz Mohammed Alomar

Consultant-Pediatrics/ Pediatric Emergency Medicine

a Pediatric Emergency Consultant, with a strong interest in clinical AI, digital transformation, and health informatics. He completed fellowships in Health Informatics at McGill University and Applied Clinical AI and Data Science at The Hospital for Sick Children (SickKids). His work focuses on integrating AI and data-driven solutions into real-world clinical workflows, with particular interest



Dr. Abdullah Saeed A Al Malki

Consultant-Pediatrics/ Pediatric Emergency/Pediatric Emergency

Pediatric Emergency Consultant, Founder and Former Director of the PEM Fellowship Program in Aseer. Served as Medical Director for 3 years and Commander of Pediatric Emergency Specialty in Aseer for almost 10 years, former Cooperator Assistant Professor at King Khalid University. Certified instructor for TOT, PALS, ATLS, and APLS



Dr. Adel Saeed AlAwwadh

Consultant-Pediatrics/Pediatric Neurology

a Consultant Pediatric Neurologist with advanced expertise in pediatric epilepsy and neurodevelopmental disorders. His clinical work includes evaluation of refractory seizures, interpretation of EEG studies, and management of children with developmental and genetic neurological conditions.

He is involved in specialized programs such as Spinal Muscular Atrophy (SMA) care and works within a multidisciplinary framework to deliver high-quality, patient-centered neurological care



Dr. Ali Mohammed Hassan Assiri

Consultant-General surgery/Pediatric Surgery

Consultant in Pediatric, Neonatal & Laparoscopic Surgery
Southern Region Military Hospital, Saudi Arabia



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Dr. Amani Abdullah Mohammed Azizalrahman

Consultant-Pediatrics/Pediatric Emergency

Consultant, Pediatric Emergency Department Vice President of Saudi Society for Simulation in Healthcare Chairperson of the bylaws at the Saudi Society for the Simulation in Healthcare ATLS instructors Simulation fellowship at University of Calgary, Alberta, Children Hospital, KIDSIM Pediatric Simulation Former Chairperson Life Support Center in cluster 2 Riyadh Former Chairperson undergraduate simulation in CRESENT,



Dr. Ibraheem Yahya Hussain Azran

Consultant-Pediatrics/Pediatric Emergency

Pediatric Emergency consultant
Abha maternity hospital
Leader of pediatric and pediatric emergency in asir health cluster.
Executive director of service lines in asir health cluster



Dr. Abdussalam Ali Dahfer Alshehri

Consultant-Emergency Medicine

Emergency medicine consultant at Ad Diriyah Hospital in Riyadh, Saudi Arabia, Educator, Researcher, Arbitrator and Lawyer.
Hold a Bachelor of Law and a Master of Business Law.
Hold a Master of Business Administration specializing in health insurance, and a Master of Healthcare Administration.
A medical expert at the General Court in Riyadh and the GCC Commercial Arbitration Center.
A member of the third supreme medical commission in the Ministry of Health in Saudi Arabia.
Interested in medical law, professional liability, insurance law and arbitration.



Dr. Maryam Yahya Abdullah Nabhan

Consultant-Pediatrics/Pediatric Emergency

Consultant in Pediatric Emergency Medicine.
* Dr. Sulaiman Al-Habib Medical Group, Riyadh, KSA.
* PEM Consultant with extensive experience in managing critical & Trauma cases.
Focus on clinical leadership, emergency department optimization and quality improvement. She has a strong interest in medical education, simulation based training, and improving emergency care system.



مستشفى القوات المسلحة بالجنوب



وزارة الدفاع
MINISTRY OF DEFENSE

Organizing Committee



Dr. Salman Ali Asiri

Organizing Committee Chairman

Consultant, Pediatric Emergency Medicine (PEM), AFHSR
Vice Chair, Pediatric Emergency Department (PED)
Faculty, PEM Fellowship Program
EMBA
MBA
MSc HA
Lead, Quality Improvement and Patient Safety (QI/PS)
Clinical Educator, Medical Education and Assessment



Dr. Meshari Marshad Saad Dalbough

Consultant-Pediatrics
Emergency Medicine Ultrasound
Pediatric Emergency



Dr. Hussain saeed alshahrani

Consultant in Pediatric Emergency Medicine, Armed Forces Hospital-Southern Region
Fellowship Training Director, Pediatric Emergency Medicine – Armed Forces
Hospital-Southern Region



Dr. Mosa Naser Asiri

Consultant pediatric Emergency medicine
Abha Maternity and children hospital , saudi Arabia
Head department of pediatric emergency at Abha Maternity and children hospital , Aseer
Region



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وزارة الدفاع
MINISTRY OF DEFENSE



Dr. Bader ayed alalfard

Consultant in Pediatric Emergency Medicine
Abha Maternity and Children Hospital, Saudi Arabia



Dr. Ibrahim Yahia Al Na'ami

Consultant in Pediatric Emergency Medicine
Abha Maternity and Children Hospital, Saudi Arabia
Leader of Pediatric and Pediatric Emergency – Asir Region
Executive Director of Service lines in Asir Health Cluster



Dr. Waleed Hassan Al Abdulhadi

Consultant in Pediatric Emergency Medicine
Abha Maternity and Children Hospital, Saudi Arabia



Dr. Ali Merai Elmaely

Consultant in Pediatric Emergency Medicine
Abha Maternity and Children Hospital, Saudi Arabia
Fellowship Training Co-Director, Pediatric Emergency Medicine – Aseer Region



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MINISTRY OF DEFENSE



Dr. Samira Mohamad Saed Alshahran

Consultant In Pediatric Emergency Medicine
Khamis Mushait Maternity And Children Hospital
Head of Department Pediatric Emergency
Aseer Region



Dr. Isam Osheik Faki

Consultant in Pediatric Emergency Medicine
Khamis Mushait Maternity and Children Hospital, Saudi Arabia
Aseer Region
Khamis Mushayt



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MINISTRY OF DEFENSE

Scientific Committee



Dr. Ahmed sultan Alzailaei

Scientific Committee Chair

Consultant in Pediatric Emergency Medicine
Khamis Mushait Maternity and Children Hospital, Saudi Arabia
Fellowship Training Director, Pediatric Emergency Medicine – Aseer Region



Yaser Saud Alharthi

A Pediatric Emergency Medicine Consultant with extensive experience in clinical practice, leadership, and program development. He holds a Saudi Board in Pediatrics (2017) and a Fellowship in Pediatric Emergency Medicine (2020).



Dr. Abdulrahman mubarak alahmari

Consultant in Pediatric Emergency Medicine
Khamis Mushait Maternity and Children Hospital, Saudi Arabia



Dr. Maryam Yahya Abdullah Nabhan

* Dr. Maryam Yahya Nabhan
Consultant in Pediatric Emergency Medicine.
* Dr. Sulaiman Al-Habib Medical Group, Riyadh, KSA.

* PEM Consultant with extensive experience in managing critical & Trauma cases. Focus on clinical leadership, emergency department optimization and quality improvement. She has a strong interest in medical education, simulation based training, and improving emergency care system.



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وزارة الدفاع
MINISTRY OF DEFENSE



Dr. Fatimah shiban Alsiary

Consultant in Pediatric Emergency Medicine
King Khalid University Medical City, Abha-Saudi Arabia
Fellowship Training Co-Director, Pediatric Emergency Medicine – Aseer Regiones.



Dr. Fahad obaid alalyani

Consultant in Pediatric Emergency Medicine
Khamis mushyt military hospital Saudi Arabia
Fellowship Training Director Deputy, Pediatric Emergency Medicine – Aseer Region



Dr. Waleed Mohammed ali

Consultant in Pediatric Emergency Medicine
Abha Maternity and Children Hospital, Saudi Arabia



Dr. Hatem ahmed albenawy

Consultant in Pediatric Emergency Medicine
Abha Maternity and Children Hospital, Saudi Arabia



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Dr. Abdullatef Ali Muhaya

PEDIATRIC EMERGENCY CONSULTANT

MEDICAL DIRECTOR , KHAMIS MUSHAIT MATERNITY AND CHILDREN HOSPITAL , SAUDI ARABIA



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وزارة الدفاع
MINISTRY OF DEFENSE

1st Aseer International Pediatric Emergency Conference

Day 1 – September 6, 2026

Time	Topic	Speaker
08:00– 08:25	Opening Ceremony & Vision for Pediatric Emergency Excellence	Dr. Bandar Ali Alqahtani
08:25 – 08:50	Early Recognition of the Critically Ill Child	Dr. Hussein Saeed Alshahrani
08:50 – 09:15	Pediatric Sepsis: Early Recognition and Risk Stratification	Dr. Amal Abubakr Yousif
09:15 – 09:40	Ultrasound -Guided Resuscitation in Pediatric Emergency	Dr. Meshari Marshad Dalbough
09:40 – 10:05	Challenges in Pediatric Prehospital Care	
10:05 – 10:30	Morning Break	
10:30 – 10:55	Flow Management & Crowd Mitigation	
10:55 – 11:20	Pediatric Trauma: Initial Assessment and Stabilization	Dr. Mazin Ahmed A Mubarak
11:20 – 11:45	Head Trauma, CT Evidence -Based Decision Making	Dr. Yara Mohammed Algoraini
12:00 – 01:00	Lunch Break	
01:00 – 01:25	Leadership Under Pressure in Emergency Settings	
01:25 – 01:50	The Sick Neonate in Emergency Department	Dr. Sultan Yahya Asir
01:50 – 02:15	Antibiotics Stewardship in Pediatric Emergency: When Less is More	Dr. Ahmed Saleh M Albishri
02:15 – 02:35	Afternoon Break	
02:35 – 03:00	The Tachypnic Child: When the Lungs are Not the Problem	Dr. Amani Abdullah Azizalrahman
03:00 – 03:25	Observe or Admit? Decision Making in Pediatric Poisoning	Dr. Musa Suliman Alfaifi
03:25 – 03:50	Unknown Bites and Stings: Approach and Management	Dr. Ibraheem Yahya Azran



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وزارة الدفاع
MINISTRY OF DEFENSE

1st Aseer International Pediatric Emergency Conference

Day 2 – September 7, 2026

Time	Topic	Speaker
08:00 – 08:25	Medico-legal Challenges in Pediatric Emergency Practice	Dr. Abdussalam Ali Alshehri
08:25 – 08:50	Chest Pain in Children: ECG and Beyond	Dr. Khaled Ahmed Al Nahili
08:50 – 09:15	Status Epilepticus in Children: Updated Management	Dr. Adel Saeed AlAwwadh
09:15 – 09:40	Approach to The Febrile Child (3-36 months)	Dr. Abdullah Saeed A Al Malki
09:40 – 10:05	Skin Rashes in Children: When Should We Worry?	Dr. Abrar Ahmed Bin Abbas
10:05 – 10:30	Morning Break	
10:30 – 10:55	Family-Centered Management in Pediatric Emergency Medicine	
10:55 – 11:20	Artificial Intelligence and the Future of Pediatric Emergency Medicine	
11:20 – 11:45	Child Abuse: From Suspicion to Reporting	Dr. Haneen Mohamed AlTurki
12:00 – 01:00	Lunch Break	
01:00 – 01:25	Acute Abdomen in Children: Clinical Judgment vs Imaging	Dr. Ali Mohammed Hassan Assiri
01:25 – 01:50	Pediatric Emergency Sedation: Risk Reduction Strategies	Dr. Maryam Yahya Nabhan
01:50 – 02:15	High-Yield Critical Procedures in Pediatric Emergency	
02:15 – 02:35	Afternoon Break	
02:35 – 03:00	Pediatric Disaster Preparedness and Mass Casualty Management	Dr. Ali Mohammed Hassan Assiri
03:00 – 03:25	Pediatric Emergency Department Performance Metrics	
03:25 – 03:50	Closing Ceremony	



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Day 1 Workshop POCUS

Basic Emergency Point-of-Care Ultrasound (POCUS)

Overview

This workshop is designed to introduce participants to the fundamental principles and clinical applications of point-of-care ultrasound (POCUS) in the emergency setting. It focuses on building essential knowledge and hands-on skills required for safe and effective bedside ultrasound use.

Topics Covered

- Ultrasound Physics & Knobology
- E-FAST (Extended Focused Assessment with Sonography in Trauma)
- Basic Echocardiography: Terminology, standard views, and anatomical correlation
- Gallbladder & Renal Ultrasound
- Vascular Access and Catheterization under Ultrasound Guidance
- Lung Ultrasound
- Aorta and Inferior Vena Cava (IVC) Assessment

Course coordinator :

Dr.Meshari Dalbough

Speaker need ticket and accommodation:

- Dr.AL-Madi
- Dr.Munther
- Dr.Abdulatif Al Malki



مستشفى القوات المسلحة بالجنوب



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MINISTRY OF DEFENSE

Time	Topic	Speaker
07:30 – 08:00	Registration	
08:00– 08:10	Introduction: Concept of Emergency US	Dr. Meshari Marshad Dalbough
08:10 – 08:30	US physics & Knobology	Dr.AL-Madi
08:30 – 08:50	LUNG US	Dr.OSAMH
08:50 – 09:10	Basic ECHO	Dr.Hasan Alzahrani
09:10 – 09:30	E-FAST	Dr.Munther
09:30 – 09:50	Coffee Break	
09:50 – 11:50	ECHO /LUNG/E-FAST	All Faculty Hand On
11:50 – 12:45	Lunch break	
12:45 – 01:10	Aorta &IVC	Dr.Hasan AL Zahrani
01:10 – 01:30	Renal &Gallbladder	Dr.Munther
01:30 – 02:00	Vascular catheterization with US guidance	Dr.AL-Madi
02:00 – 02:30	Interaction session	OSAMH
02:00 – 04:30	Gall bladder & Renal/ Aorta -IVC / CVC	All Faculty Hand On

Hand-on Session

Frist hand -on session	09:50 – 11:50	E-FAST	E-FAST	LUNG	ECHO
	09:50 – 10:30	A	B	C	D
	10:30 – 11:50	D	C	A	B
Second hand -on session	02:00 – 04:30	CVC	Aorta &IVC	Renal & Gall bladder	Renal & Gall bladder
	09:50 – 10:30	A	B	C	D



Day 2 Workshop Proposal

Advanced Emergency Point-of-Care Ultrasound (POCUS)

Overview

This advanced workshop is designed for participants with prior basic POCUS knowledge. It focuses on expanding clinical applications of ultrasound in critical and complex emergency scenarios, enhancing diagnostic accuracy and procedural skills.

Topics Covered

- Airway POCUS
- Surgical Abdomen Ultrasound
- Advanced Echocardiography
- Ultrasound-Guided Nerve Blocks
- Soft Tissue Ultrasound
- Deep Vein Thrombosis (DVT) Assessment
- Testicular Torsion Evaluation
- Ovarian Torsion Assessment
- RUSH Protocol (Rapid Ultrasound in Shock and Hypotension)



مستشفى القوات المسلحة بالجنوب



وزارة الدفاع
MINISTRY OF DEFENSE

Time	Topic	Speaker
07:30 – 08:00	Registration & introduction	Dr. Meshari Marshad Dalbough
08:00 – 08:10	"Seeing the Airway: Ultrasound -Guided Airway Assessment and Confirmation"	Dr,Abdultif Al malki
08:10 – 08:30	"Beyond the Stethoscope: POCUS for Acute Surgical Abdomen"	Dr.Munther ALshahrani
08:30 – 08:50	"Looking Deeper: Advanced Echocardiography for Critical Decision-Making"	Dr.Hasan Alzahrani
08:50 – 09:10	Under the Skin: POCUS in Soft Tissue and Musculoskeletal Infections"	Dr.Madi
09:10 – 09:30	"Twists and Turns: POCUS in Testicular &Ovarian Torsion	Dr.Munther ALshahrani
09:30 – 09:50	Coffee Break	
09:50 – 11:50	AIRWAY -ADVANCE ECHO – SURGICAL ABDOMEN-SOFT TISSUE	All Faculty Hand On
11:50 – 12:45	Lunch break	
12:45 – 01:10	"Spotting the Clot: Ultrasound Diagnosis of Lower Limb DVT"	Dr.Abdultif -Al malki
01:10 – 01:30	"Precision in Pain: Ultrasound-Guided Nerve Blocks in Emergency Care"	Dr.Mazen Alsarhan
01:30 – 02:00	RUSH to Diagnose: A Protocolized POCUS Approach to Shock	Dr.AL-Madi
02:00 – 02:30	Interaction session	Dr.Hasan Alzahrani
02:30 – 04:30	RUSH -NERVE BLOCK -DVT	All Faculty Hand On

Hand-on Session

Frist hand -on session	09:50 – 11:50	AIRWAY	ECHO	SURGICAL ABDOMEN	SOFT TISSUE	ECHO
	09:50 – 10:30	A	B	C	D	E
	10:30 – 11:50	D	C	A	E	B
Second hand -on session	02:00 – 04:30	RUSH	NERVE BLOCK	DVT	RUSH	DVT
	09:50 – 10:30	A	B	C		D
	10:30 – 11:50	D	C	A		B



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الشرق الأوسط
MIDDLE EAST EVENTS



● Casting Workshop (Pediatric Emergency Focus):

– Objectives

By the end of this workshop, participants will be able to:

- Recognize common pediatric fractures and injuries requiring immobilization in the emergency department.
- Select the appropriate splint or cast based on injury type and location.
- Apply commonly used emergency splints and casts safely and effectively.
- Ensure proper limb positioning and immobilization to reduce pain and prevent complications.
- Perform and document neurovascular assessment before and after casting.
- Identify early complications (e.g., tight cast, neurovascular compromise) and take appropriate action.
- Provide clear discharge instructions and safety advice to caregivers.

– Workshop Stations

Station 1: Upper Limb Immobilization

- Volar splint.
- Short arm cast.
- Sugar-tong splint.
- Indications and positioning.

Station 2: Lower Limb Immobilization

- Posterior ankle splint.
- Below-knee cast.
- Knee immobilization basics.

Station 3: Assessment & Safety

- Neurovascular examination (before & after casting).
- Identifying red flags (pain out of proportion, swelling, numbness).
- When to loosen/remove the cast urgently.

Station 4: Practical Tips & Case Scenarios

- Case-based selection of appropriate immobilization.
- Discharge instructions and caregiver education.
- Documentation essentials in ED.



Suturing Workshop (Pediatric Emergency Focus)

Led by: Plastic Surgery Team

Objectives

By the end of this workshop, participants will be able to:

- Perform proper wound assessment and identify wounds suitable for suturing versus referral.
- Understand principles of wound management (cleaning, irrigation, and basic debridement).
- Select appropriate suture materials and techniques based on wound type and location.
- Administer local anesthesia safely in pediatric patients.
- Demonstrate essential suturing techniques (simple interrupted, mattress, basic subcuticular).
- Apply techniques that improve cosmetic outcomes, especially for facial wounds.
- Recognize indications for plastic surgery consultation.
- Provide appropriate discharge instructions, including wound care and timing of suture removal.

Workshop Stations

Station 1: Wound Assessment & Preparation

- Wound evaluation and decision-making.
- When to suture vs refer.
- Irrigation and cleaning techniques.

Station 2: Basic Suturing Techniques

- Simple interrupted sutures.
- Instrument handling and knot tying.
- Proper spacing and tension.

Station 3: Advanced & Cosmetic Techniques

- Mattress sutures (vertical/horizontal).
- Subcuticular sutures (basics).
- Facial wound considerations.

Station 4: Post-Procedure Care & Complications

- Dressing and aftercare.
- Suture removal timing.
- Identifying infection and wound complications.



مستشفى القوات المسلحة بالجنوب



وزارة الدفاع
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