



AL AHS A ADVANCES IN PEDIATRICS AND NEONATAL CRITICAL CARE CONFERENCE

تجمع الأحساء الصحي
Alahsa Health Cluster
مستشفى الولادة والاطفال
Maternity and Children Hospital



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WELCOME MESSAGE

Welcome to the inaugural Pediatric and Neonatal Critical Care Conference!

We are delighted to be hosting this pioneering event, the first of its kind in our region. Over the next few days, attendees will have the unique opportunity to hear from esteemed speakers and engage with leading experts in the field.

This conference is poised to be a landmark occasion in advancing knowledge and best practices in pediatric and neonatal critical care. From enlightening presentations to interactive workshops, we are confident that the sessions will spark meaningful discussions

and foster innovative ideas that will influence the future of this essential field.

In addition, we anticipate that this event will provide valuable networking opportunities, enabling attendees to establish connections with peers and colleagues who share their commitment to enhancing care for our youngest and most vulnerable patients.

We extend our gratitude for your participation in this significant event. We eagerly anticipate the collaborations and breakthroughs that will result from our time together.



Dr. Maryam Alamri

Consultant pediatric nephrology,
maternity and children hospital
in Al Ahsa



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It is with great honor and excitement that I welcome everyone to Al-Hasa advances in Pediatrics and Neonatal Critical Care Conference in Al-Hasa Health Cluster.

This conference is a vital platform for people to exchanging ideas, sharing innovative practices, and discussing the challenges faced in the field of pediatric and neonatal critical care. As healthcare providers, we are entrusted with the immense responsibility of safeguarding the lives of those who are most vulnerable and each of us plays a crucial role in shaping the future of healthcare for children.

In recent years, we have witnessed remarkable advancements in medical field. From groundbreaking research in neonatal and pediatric critical care to the development of

new technologies that enhance diagnostic and treatment capabilities. These innovations not only improve survival rates but also enhance the quality of life for our patients and their families.

The variety of topics being presented this year by colleagues from around the kingdom and gulf region promises to be very engaging and informative. You all are truly the greatest asset in helping improve the care we provide our pediatric patients.

I, on behalf of the organizing committee, would like to thank each of you for attending this conference and spending your valuable time with all of us.

Dr Fatma Huzam AlOtaibi

V.P. Service Excellence and Academic Affairs





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The Organizing Committee



Dr. Maryam Alamri

Consultant pediatric nephrology,
maternity and children hospital
in Al Ahsa
Chairman of the committee



Dr. Fatima Alkhalifa

Consultant pediatric nephrology,
maternity and children hospital in
Al Ahsa



Mr. Jawad Almotawatt

Committee secretary



Dr. Ali Alfayez

Pediatric critical care consultant,
maternity and children hospital
in Al Ahsa



Dr. Faisal Aldandan

Consultant Neonatology
at maternity and children hospital
in Al Ahsa

The Scientific Committee (Moderator)



Dr. Tareq Alayed

Pediatric critical care consultant
at king Faisal specialist hospital &
research centre Riyadh



Dr. Alaa Albeshr

Pediatric ER consultant,
maternity and children hospital
in Al Ahsa



Dr. Nada Aljasseem

Pediatric critical care consultant,
King Fahad medical city- Riyadh.



Dr. Eida Alahmari

Pediatric critical care consultant,
king Abdullah bin Abdulaziz
university hospital-Riyadh



Dr. Nabeel Almajhad

Consultant Pediatric Neurology,
at maternity and children hospital
in Al Ahsa



Dr. A'aziz Alhasan

Consultant pediatric Nephrologist,
at maternity and children hospital
in Al Ahsa

The Scientific Committee (Moderator)



Dr.Sami Albattat

Consultant pediatric haematology,
maternity and children hospital in
Al Ahsa



Dr.Hind Algam

Consultant pediatric
Gastroenterologist, at maternity and
children hospital in Al Ahsa



Dr.Abdulaziz Alsagatti

Pediatric critical care consultant ,
King Fahad medical city- Riyadh



Dr.Hussain Bukhamseen

Consultant pediatric pulmonology,
at maternity and children hospital in
Al Ahsa



Dr.Anwar Alhamad

Consultant Pediatric
Genetic/Metabolic, maternity and
children hospital in Al Ahsa



Dr.Roqia Alali

Consultant Neonatology
at maternity and children hospital in
Al Ahsa



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The Scientific Committee (Moderator)



Dr. Mohammad Alkhamis

Consultant pediatric cardiology,
at maternity and children hospital
in Al Ahsa



Dr. Heba Alameer

Consultant pediatric infectious
disease, at maternity and children
hospital in Al Ahsa



Dr. Sami Alkhwaitem

Pediatric critical care consultant,
maternity and children hospital
in Al Ahsa



Dr Aida Al Jabri

Pediatric endocrinologist
Almoosa health



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Speakers



Dr. Saeed M. Almanie

Pediatric cardiology and electrophysiology Consultant, king Faisal specialist hospital & research centre, Riyadh



Prof. Ahmad Tarawa

Professor Pediatric Haematology, Madinah Hereditary Blood Disorder Center.



Dr. Ayman Aleyadhi

Pediatric critical care consultant at King Khalid University Hospital, Riyadh



Dr. Hadi Alqahtani

Consultant pediatric infectious disease, king fahad specialist hospital Dammam



Dr. Nora Albanyan

Consultant clinical pharmacist-parenteral nutrition, king fahad medical city Riyadh



Dr. Hadeel Saleh Mohammad

Consultant Haematology NBK children's hospital-Kuwait



Dr. Eissa Arashidi

Consultant pediatric pulmonology, King saud Medical city-Riyadh



Dr. Awn alessa

Pediatric neurosurgeon, King Fahad Hospital -Alhofuf



Dr. Yasser Kazzaz

Pediatric critical care consultant at King Abdulaziz Medical City in Riyadh



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Speakers



Dr. Muhammed Matloob Alam

Consultant Haematology ,
Armed Forces Hospital, Alhada.



Dr. Brahim Tabarki

Consultant Pediatric Neurologist,
prince sultan military medical
city-Riyadh



Mr. Ahmed Jaafari

Saudi center for Organ Transplantation-
Oran Procurement Head section



Dr. Ismael Alwadaani

Consultant Neonatology ,
Johns Hopkins Aramco Healthcare
Dhahran



Dr. Alanoud Alshami

Consultant pediatric nephrology
king fahad specialist hospital-dammam



Dr. Amal Alhashem

Consultant Pediatric Genetic/Metabolic,
prince sultan military medical city – Riyadh



Dr. Amal Abubakr Yousif

ER consultant, King Saud Medical
City-Riyadh and King Khalid
University Hospital, Riyadh



Dr. Moath Albdosalam

Pediatric critical care consultant
at King Faisal Specialist Hospital &
Research Centre, Riyadh



Dr. Badi Alenezi

Consultant pediatric endocrinology,
Al-Yamamah Maternity and Children
Hospital in Riyadh



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Speakers



Prof. Ibrahim Alalwan

Profession pediatric endocrinology,
King Abdulaziz Medical City in Riyadh



Dr. Hossam Aldossary

Consultant pediatric endocrinology,
king fahad military medical complex
Dhahran



Dr. Hasan Faqeeli

Consultant Pediatric Nephrologist,
King Fahad medical city- Riyadh



Dr. Hussain Alsheef

ENT consultant , maternity and
children hospital in Al Dammam



Dr. Khalid Hundalla

Consultant Pediatric Neurologist,
prince sultan military medical
city-Riyadh



Dr. Khalid AlArwan

Pediatric critical care consultant
at king Faisal specialist hospital &
research centre, Riyadh



Dr. Raed Sadiq

Pediatric critical care consultant ,
King Fahad medical city- Riyadh.



Dr. Ali alharbi

Pediatric critical care consultant,
prince sultan medical city-Riyadh.



Dr. Reem Alsaadi

ER consultant, king fahad specialist
hospital-dammam.



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Speakers



Dr. Momen Almomen

Consultant Pediatric neurology,
king fahad specialist hospital Dammam



Dr. Mariam Alomair

Consultant, Congenital cardiac
surgeon, king Faisal specialist hospital
& research centre, Riyadh



Dr. Saud Alomar

Pediatric and adolescence medicine
consultant, king Abdullah bin Abdulaziz
university hospital-Riyadh.



Dr. Sameer Alabdi

Consultant Neonatology
Al Ahsa hospital



Dr. Saleh Alshurafa

Consultant Pediatric Nephrologist



Dr. Mariam Ayed

Neonatal neuro-critical care consultant,
maternity hospital Kuwait



Dr. Talal Altmimi

Consultant Neonatology
at King Abdulaziz Medical City
in Riyadh



Dr. Aida Aljabri

Consultant pediatric endocrinology,
al moosa specialist hospital.



Dr. Mohammed Alshaqrani

Consultant pediatric Gastroenterologist,
king Faisal specialist hospital &
research centre, Riyadh.



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Speakers



Dr. Mohammed Almanaie

Consultant Pediatric
Genetic/Metabolic, King Abdulaziz
Medical City in Riyadh



Dr Abdulla Aljoudi

Pediatric critical care consultant ,
king fahad university hospital Khobar



Dr. Abdullah Alamer

Pediatric Orthopedic consultant,
King faisal Hospital -Alhofuf



Dr. Abdullah Alwabari

Pediatric surgery consultant,
king fahad specialist
hospital-dammam.



Dr abdulla Al buraey

Consultant Neonatologist
King Fahad hospital of university v



Dr. Abdullah Hasan Alwadai

Pediatric critical care consultant ,
king fahad university hospital Khobar



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The Scientific Program **DAY 1**

Day 1	Tuesday, 22/10/2024	
Time	Title	Speaker
7:30-8:00	Registration	
8:00-8:20	Opening Ceromony	Dr. Maryam Al Amri
First Session	(PICU)	Dr. Tareq Alayed
8:20-8:40	Medical error in pediatric critical care and family disclosure	Dr. Ayman Aleyadhi
8:40-9:00	Pediatric Ventricular Assist Devices in Saudia Arabia	Dr. Khalid AlArwan
		Dr. Moath albdosalam
9:00-9:20	Pediatrics Palliative critical care services in saudia arabia	Dr. Ayman aleyadhy
		Dr. Khalid AlArwan
9:20-9:30	Discussion Coffee break	



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The Scientific Program

Time	Title	Speaker
Second Session	NEONATOLOGY	Dr. Roqaia Alalai
9:30-9:50	Pulmonology hypertension. One size fits all	Dr. Talal Altmimi
9:50-10:10	Contemporary Challenges in Cusp of Viability	Dr. Sameer Alabdi
10:10-10:30	Neuromonitoring for critically ill neonate: Role of aEEG and NIRS	Dr. Mariam Ayed
10:30-10:40	Discussion Coffee break	
Third Session	(Hematology)	Dr. Sami Albattat
10:40-11:00	VWD: Excessive and prolonged bleeding can be life threatening	Prof. Ahmed Tarawah
11:00-11:20	Thrombocytopenia in critical ill children	Dr. Hadeel Saleh Mohammad
11:20-11:40	Cerebrovascular accident in Sickle cell disease	Dr. Muhammed Matloob Alam
11:40-12:40	Discussion Prayer and lunch	



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Time	Title	Speaker
Fourth Session	Organ donation/Brain death	Dr. Eida Al ahmari
12:40-13:00	Overview organ transplantation in KSA (Medical director)	Mr. Ahmed jaafari
13:00-13:20	Barrier and challenges in organ donation in Saudi Arabia	Dr. Yasser Kazzaz
13:20-13:40	Should children with intellectual and developmental disability offered organ transplantation?	Dr. Alanoud Alshami
13:40-14:00	Ethical dilemmas in brain death and organ Donation	Dr. Abdulla Aljouidi
14:00-14:10	Discussion	
	Coffee break	
Fifth Session	Neurology	Dr. Nabeel Almajhad
14:10-14:30	Ventriculoperitoneal shunt complications	Dr. Awn Alessa
14:30-14:50	Acute encephalitis in ICU	Dr. Brahim Tabarki
14:50-15:10	Best Practice Management of Seizure and Status Epilepticus in PICU – Global approach	Dr. Khalid Hundalla
15:10-15:30	Pediatric SMA Patients : Importance of Early Identification & Management Approaches	Dr. Momen Almomen
15:30-15:40	Discussion	



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The Scientific Program **DAY 2**

Day 2	Wednesday, 23/10/2024	
Time	Title	Speaker
First Session	Neonatology	Dr.Roqaiya Alali
8:00-8:20	From theory to Practice: Optimizing Neonatal Parenteral Nutrition	Dr. Nora Albanyan
8:20-8:40	Intropic management in lack of TNECHO	Dr. Abdulla Alburai
8:40-9:00	challenges in neonatal ventilation	Dr. Ismael Alwadaani
9:00-9:10	Discussion Coffee break	
Second Session	CARDIOLOGY	Dr.Mohammed Alkhamis
9:10-9:30	Updates in management of heart failure	Dr. Abdullah Hasan Alwadai
9:30-9:50	Approach to arrhythmia in critical care settings	Dr. Saeed M. Almanie
9:50-10:10	cardiac surgery emergency in pediatric ICU	Dr. Mariam Alomair



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Time	Title	Speaker
10:10-10:20	Discussion Coffee break	
Third Session	Nephrology + Gastroenterology	Dr.A'aziz Alhasan/ Dr.Hind Algam
10:20-10:40	Update on management of hypertensive emergencies in children	Dr. Saleh Alshurafa
10:40-11:00	Outcome of fluid overload in AKI in critically ill patients and the role of RRT	Dr. Hasan Faqeehi
11:00-11:20	Acute Liver Failure in pediatric (in ICU setting)	Dr. Mohammed Alshaqrani
11:20-11:40	Nutrition in critically ill child	Dr. Areej Alsunaid
11:40-12:40	Discussion Prayer and Lunch	



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Time	Title	Speaker
Fourth Session	Challengins in PICU	DR.Nada Aljaseem/ Dr.Yasser kazaz
12:40-13:00	Refractory ARDS ,What to do?	Dr. Nada Al jasim
13:00-13:20	Malignant pertusis, How to approach?	Dr. Raed Saiq
13:20-13:40	Refractory pulmonary HTN in pediatric critical care	Dr. Ali alharbi
13:40-14:00	Navigating the storm: Adressing Burnout and Mental Health in ICUs	Dr.Saud Alomar
14:00-14:10	Discussion Coffee break	
Fifth Session	Pulmonology+Infectious Disease	Dr.Husain Bukhamseen/ Dr.Heba Alameer
14:20-14:40	Managenent of complicated pneumonia	Dr. Eissa Arashidi



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Time	Title	Speaker
14:40-15:00	Antibiotic duration : is shorter better?	Dr. Hadi Alqahtani
15:00-15:20	Discussion	



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The Scientific Program **DAY 3**

Day 3	Thursday, 24/10/2024	
Time	Title	Speaker
First Session	Genetic + Emergency	Dr.Anwar Alhamad/ Dr.A'aziz Alsoqati
8:00-8:20	Genetic testing in acute care: the when,what,and why!	Dr.Amal Alhashem
8:20-8:40	Inborn errors of metabolism, Beyond a newborn with metabolic crisis	Dr.Mohammed Almannaie
8:40-9:00	Pediatric syncope evidence based approach in ED	Dr. Amal Abubakr yousif
9:00-9:20	update of management of febrile infant in emergency	Dr.Reem Alsaadi
9:20-9:30	Discussion Coffee break	
Second Session	Endocrinology	Dr.Aida Aljabri
9:30-9:50	Hypocalcemia causes and management	Prof.Ibrahim Alalwan



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The Scientific Program

Time	Title	Speaker
9:50-10:10	Critical Endocrinology Simplified (An overview on Selected CAH Disorders and Adrenal Crisis)	Dr. Hossam Aldossary
10:10-10:30	Diabetes ketoacidosis management in children	Dr. Badi Alenezi
10:30-10:40	Discussion Coffee break	
Third Session	Surgery	Dr.Sami Alkhowaitem\ Dr.Alaa Albeshr
10:40-11:00	Surgical upper airway emergency	Dr.Hussain Alsheef
11:00-11:20	Surgical Critical Care	Dr.Abdullah Alwabari
11:20-11:40	Pediatric polytrauma	Dr.Abdullah Alamer
11:40-12:40	Discussion Prayer and lunch	



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The Scientific Program

Day 3	Thursday, 24/10/2024	
Time	Title	Speaker
Fourth Session	Workshops	
12:40-13:10	Rare coagulation disorders: Advances in management	Dr.Sami Albattat Dr.Mujtaba Alyaseen Dr.Abbas Alabdulatif
13:10-13:40	CRRT prescription	Dr.Mariam Alamri/sajeda aldarweesh Dr.Fatima Alkhalifah/saleh altulaihi Dr.A'aziz Alhassan/laila alrsheed
13:40-14:10	Difficult Airway management	Dr.Maitham Aljubran Dr.Ahmed Alghadeer
14:10-14:40	Types of isoation	Dr.Hassan Alamer Dr.Heba Alameer



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Time	Title	Speaker
Fourth Session	Workshops	
14:40-15:10	24 Hr. Rhythm monitoring	Dr.Mohammed Alkhamees Dr.Ali Alramadan Dr.Sukainah Alramadan
12:40-13:10	Clinical decision support tools in pediatric and neonatal critical care patients monitoring (Advanced data visualization for better outcome)	Dr.Sami Alkhowaitem Dr.Ali Alfayez Dr.Abdullah Albahrani
13:10-13:40	Skin allergy test	Dr.Jaber Alhabeeb Dr.Husain Bukhamseen Dr.Mena Alsinini
13:40-14:10	Amplitude EEG /EEG in PICU	Dr.Nabeel Almajhad Dr.Moayed Alshgag



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Time	Title	Speaker
Fourth Session	Workshops	
14:10-14:40	Picc line difficulties	Dr.Roqaiya Alali/Dr.Rahma aldahi Dr.mustafa Alsulaiman Dr.Kumail Alkadeep
14:40-15:10	Continous glucose monitoring	Dr.Yassin Alsaleh Dr.Manal Alshawi Dr.Manal Alhilal
12:40-13:10	Upper GI bleeding and Caustic ingestion in kids In kids	Dr.Jaber alrashidi Dr.Nouh Alali\Dr.Hind algamat Dr.Nawal Alfarhan/Dr.Ali Al Hasan
13:10-13:40	Exploring HLH: A Comparative Analysis of Primary and Secondary Cases	Dr.Fatima Alkhars Dr.Naseem Alali



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Time	Title	Speaker
Fourth Session	Workshops	
13:40-14:10	invasive mechanical ventilation in neonate	Dr.Fouad algazal/Dr.Ali alali Dr.Haidar Almoosa Dr.Mohammed Alsubaiy
14:10-14:40	Cardioversion and defibrillation	Dr.Moosa Alhadad Dr.Hedaya Almasood

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