

3rd International
Neonatology Conference on
Hot Topics
in Neonatal Medicine



7th - 9th of February, 2013
InterContinental Hotel, | Abu Dhabi, UAE

Organized by:

mena CONFERENCE

Welcome from the Chair



Dear Colleagues:

It gives us great pleasure to invite you to “**Hot Topics in Neonatal Medicine: An International Conference**”, that is planned to be held at InterContinental Hotel, Abu Dhabi on 7 – 9 February, 2013. This distinguished event aims to provide participants with new information and tools to enhance the quality and safety practices of care provided to neonatal patients and implement changes in order to maintain the health of the neonates and protect them from all health associated risks.

Following two previous successful conferences in 2010 and 2011, this year 3-day intensive conference will review the recent developments and up-to-date levels of evidence and practice in the area of neonatal-perinatal medicine presented by the most renowned experts in the field of neonatal-perinatal medicine from USA, Europe and our region. The program will include talks and discussions on the newest research in the diagnosis, prevention and treatment of health problems in the neonate. Educational sessions will also be presented by many of world leading Neonatologists.

This conference is an invaluable learning experience that will provide you with the best of science and education on cutting edge, yet practical aspects of Newborn Medicine.

We look forward to welcoming you at the conference

Please do not miss this outstanding opportunity!

Conference Chairpersons

Dr. Junaid Khan, Al Rahba Hospital

Dr. Aiman Rahmani, Tawam Hospital

Conference Objectives:

Upon completion of this educational activity, participants will be able to:

- Overview the recent developments in the neonatal-perinatal medicine
- Discuss therapeutic controversies and implications for clinical practice
- Review pathophysiology and problem-based in neonatal medicine
- Discuss new developments in treating conditions that are associated with morbidity and mortality in the neonate.
- Identify the importance of preventive approach in minimizing medical complications and optimizing developmental outcome
- Evaluate the role of new modes of ventilation
- Review updates in the neonatal infection
- Discuss nutrition dilemmas
- Review updates in Jaundice
- Provide improved competency, performance and quality of care for newborns

Registration Fee:

AED 200 for every workshop

AED 1500 for the Three Days Conference



**Accredited by HAAD
for 21.0 CME Hours**

Highlighted Topics Include:

- Advanced Modes of Infant Ventilation
- Updates in Neonatal Sepsis
- New Insight in Neonatal Nutrition
- Jaundice: What New?
- Persistent Fetal Circulation
- Hypothermia for HIE
- Neurodevelopment outcome of ELBW
- Evidence Based Neonatology

Key workshops

- Neonatal Arrhythmia
- Chest X-Ray Interpretation

Scientific Committee

- **Dr. Junaid Khan**
Consultant Neonatologist
Al Rahba Hospital
- **Dr. Aiman Rahmani**
Consultant Neonatologist,
Tawam Hospital
- **Dr. Fares Chedid**
Consultant Neonatologist,
Tawam Hospital
- **Dr. Julia Abu Asbeh**
Consultant Neonatologist,
Al Rahba Hospital

Key International Speakers

- | | |
|--------------------------------|--------------------------|
| Dr. Jeff Maisels | Dr. Christer |
| Dr. Ekhard Zeigler | Sinderby |
| Dr. David Rubenstein | Dr. Jennifer Beck |
| Dr. Linda J. Van Marter | Dr. Leo Heunks |
| Dr. Howard Stein | |
| Dr. Peter Rimensberger | |
| Dr. Dagmar Stein | |

Who Should Attend

Neonatologists, Pediatricians, Obstetrics & Gynecologists, ER Physicians, Family Physicians, General Practitioners, Nurses and all healthcare professionals that are interested in Neonatal Medicine.

CONFERENCE PROGRAM

Day 1 - Thursday, February 7, 2013

0800-0820 **Registration**
0820-0830 Chairman Introduction
Junaid Khan & Aiman Rahmani

SESSION - ONE: Moderator: Aiman Rahmani

0830-0900 **Global Neonatology**
Linda Van Marter
Associate Professor of Pediatrics, Harvard Medical School, Children’s Hospital, Boston, USA

0900-0930 **Perinatal Infection and Brain Injury**
David Rubenstein
Director, Neonatal Intensive Care Unit, Director, Fellowship Training Program in Neonatal-Perinatal Medicine, Medical Director, Physician extender program, Professor of Clinical Pediatrics, New York, USA

0930-1000 **Neonatal Sepsis: An Update**
Fawaz Kashlan
Consultant Neonatologist, Head of Neonatal Infection control committee, Department of Pediatrics, Riyadh Armed Forces Hospital, Riyadh, KSA

1000-1015 **Panel Discussion**

1015-1045 **Coffee Break**

SESSION - TWO: Moderator: Khaled Al-Atawai

1045-1130 **Modes of Mechanical Ventilation in Newborns**
Peter Rimensberger
Chief, Service of Neonatology and Pediatric Intensive Care, Department of Pediatrics, University Hospital of Geneva, Geneva, Switzerland

1130-1200 **Non-Invasive Ventilation (What Are The Evidences)**
Junaid Khan
Chief of NICU and Pediatrics Services, CME Chairperson, Al-Rahba Hospital/Johns Hopkins, Abu Dhabi, UAE

1200-1230 **Persistent pulmonary Hypertension of Newborn**
Linda Van Marter
Associate Professor of Pediatrics, Harvard Medical School, Children’s Hospital, Boston, USA

1230- 1245 **Panel Discussion**

1245-1400 **Prayer & Lunch Break**

SESSION - THREE: Moderator: Nada Salman

- 1400-1430 **Hyperbilirubinemia and Kernicterus: Not Gone but Sometimes Forgotten**
Jeff Maisles
Professor, Director, Academic Affairs, Department of Pediatrics, Oakland University William Beaumont School of Medicine, Royal Oak, Michigan, USA
- 1430-1500 **Radiological Perspective in NEC**
Fares Chedid
Consultant Neonatologist at Tawam hospital , Chief of Neonatology, Clinical Professor at UAE University, Al Ain, UAE
- 1500-1530 **Surgical management of necrotizing Enterocolitis**
Amin Gohary
Chief, Department of Paediatric Surgery, , Al noor Hospital, Abu Dhabi, UAE
- 1530-1600 **Necrotizing Enterocolitis in Term Babies**
Hakam Yassin
Senior consultant Neonatologist, Professor of Pediatrics, University of Sharjah, Medical Director, Head of Pediatric/Neonatal Department, University Hospital Sharjah,UAE
- 1600-1630 **Panel Discussion**

WORKSHOPS (MAQUET):

- 1400-1500 **Basic NAVA Workshop**
Kimberly Firestone
Neonatal Outreach Educator, Akron Children's Hospital, Ohio, USA
- 1500-1600 **Basic NAVA Workshop**
Edita Almonte
Manager of Respiratory and Neurophysiology at Tawam Hospital in Affiliation with Johns Hopkins International, Al Ain, UAE

WORKSHOPS:

- 1700-1800 **Neonatal Arrhythmia**
Howard Stein
- 1700-1800 **Chest X-Ray Interpretation**
David Rubenstein
- 1800-1900 **Neonatal Arrhythmia**
Howard Stein
- 1800-1900 **Chest X-Ray Interpretation**
David Rubenstein

Day 2 - Friday, February 8, 2013

0800-0900 **Registration**

SESSION - ONE: Moderator: Laila Mattar

0900-1000 **New insight on Neonatal Nutrition: From TPN to Human milk and its fortification**
Ekhard Zeigler

Professor of Pediatrics, University of Iowa , Director, Fomon Infant Nutrition Unit, Austria

1000-1030 **Update on Pulmonary Complications of Prematurity**
Aiman Rahmani

Chairman; Department of Pediatrics, Tawam Hospital, Consultant, Division of Neonatology , Clinical Professor of Pediatrics, Program Director, Neonatology Fellowship Program, Regional instructor Neonatal resuscitation Program, Al Ain, UAE

1030-1045 **Panel Discussion**

1045-1100 **Coffee Break**

SESSION - TWO: Moderator: Hisham Tawakul

1100-1130 **Phototherapy – a Magic Light, How Does it Work and is it Safe?**

Jeff Maisles

Professor, Director, Academic Affairs, Department of Pediatrics, Oakland University William Beaumont School of Medicine, Royal Oak, Michigan, USA

1130-1200 **Neonatal Neutropenia**

Dagmar Stein

Director, Pediatric Hematology-Oncology , Toledo Children’s Hospital , Principal Investigator Children’s Oncology Group , Toledo Children’s Hospital , Director, Northwest Ohio Hemophilia Center, Ohio, USA

1200-1215 **Panel Discussion**

1215-1400 **Prayer & Lunch Break**

SESSION - THREE: Moderator: Julia Abu Asbeh

1400-1430 **Postnatal growth failure: Consequences, causes and prevention**

Ekhard Zeigler

Professor of Pediatrics, University of Iowa , Director, Fomon Infant Nutrition Unit, Austria

1430-1500 **Management of Neonatal Shock**

Howard Stein

Neonatologist, Northwest Ohio Neonatal Associates, Toledo Children’s Hospital, Clinical Associate Professor of Pediatrics, The University of Toledo College of Medicine, Toledo, OH, USA

- 1500-1530 **The Surgical Treatments Available to Neonates with CHD**
David Rubenstein
Director, Neonatal Intensive Care Unit, Director, Fellowship Training Program in Neonatal-Perinatal Medicine, Medical Director, Physician extender program, Professor of Clinical Pediatrics, New York, USA
- 1530-1600 **Neonatal Coagulation**
Dagmar Stein
Director, Pediatric Hematology-Oncology , Toledo Children's Hospital , Principal Investigator Children's Oncology Group , Toledo Children's Hospital , Director, Northwest Ohio Hemophilia Center, Ohio, USA
- 1600-1630 **Panel Discussion**

WORKSHOPS (MAQUET):

- 1400-1500 **Basic NAVA Workshop**
Kimberly Firestone
- 1500-1600 **Basic NAVA Workshop**
Edita Almonte

- 1700-1900 **NAVA SUMMIT 2013**
- 2000 **Gala Dinner**

Day 3 - Saturday, February 9, 2013

- 0730-0800 **Registration**

SESSION - ONE: The Basics of NAVA Moderator: Junaid Khan

- 0800-0830 **Diaphragm electrical activity (Edi) and NAVA**
Christer Sinderby
Assistant Professor, Department of Medicine, University of Toronto, Research, Staff Scientist, Department of Critical Care Medicine St-Michael's Hospital, President, NeuroVent Research Inc. Toronto, Ontario, Canada
- 0830-0900 **A Review of the Science on NAVA**
Jennifer Beck
Assistant Professor, University of Toronto, Department of Pediatrics, Staff Scientist, Li Ka Shing Knowledge Institute of the Keenan Research Center at St-Michael's Hospital, Toronto, Vice-President, Neurovent Research R&D company, Canada
- 0900-0945 **Panel Discussion**
- 0945-1000 **Coffee Break**

3rd International Neonatology Conference on “Hot Topics in Neonatal Medicine”

SESSION - TWO: The Clinics of NAVA Moderator: Dr. Fares Chedid

- 1000-1030 **Asynchrony events in the PICU – A comparison of NAVA and conventional ventilation**
Peter Rimensberger
Chief, Service of Neonatology and Pediatric Intensive Care, Department of Pediatrics, University Hospital of Geneva, Geneva Switzerland
- 1030-1100 **Using NAVA Technology in Neonatal Respiratory Support**
Aiman Rahmani
Chairman; Department of Pediatrics, Tawam Hospital, Consultant, Division of Neonatology, Clinical Professor of Pediatrics, Program Director, Neonatology Fellowship Program, Regional instructor Neonatal resuscitation Program, Al Ain, UAE
- 1100-1130 **NAVA in Adults -Invasive and noninvasive experience**
Leo Heunks
Pulmonary and Critical Care Physician, Radboud University, Nijmegen Medical Centre, Department of Intensive Care, Nijmegen, The Netherlands
- 1130-1215 **Panel Discussion**
- 1215-1330 **Prayer & Lunch Break**

SESSION - THREE: NAVA Workshops

- 1330-1530 **Advanced NAVA – in vivo model - Broadcast in main lecture hall**
Christer Sinderby
Aiman Rahmani
- 1530-1600 **Panel Discussion**
- 1600-1700 Basic NAVA – in vivo model
Kimberly Firestone

DELEGATE REGISTRATION FORM

CONFERENCE NAME: 3rd International Neonatology Conference on 'HOT TOPICS'
in Neonatal Medicine
DATE: 7th – 9th of February, 2013
LOCATION: Intercontinental Hotel, Abu Dhabi
Pre-registration is required as limited seats are available

Registration Fee: (Please tick appropriate fee)

Date	Activity Title	Registration Fees
Workshop - February 7, 2013	X-ray Interpretation Workshop	AED 200
Workshop - February 7, 2013	Neonatal Arrhythmia Workshop	AED 200
Three Days Conference	7th-9th February, 2013	AED 1500

Delegates who attend various sessions in either the conference or the workshop will be receiving the certificate of attendance with the actual CME credit hours.

FULL NAME _____

JOB TITLE _____

PLACE OF WORK _____

CITY _____

MOBILE _____

TEL (WORK) _____

FAX _____

EMAIL _____

METHOD OF PAYMENT Cash Credit Card Bank Transfer Cheque

Signature _____

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Please fill in the registration form and bring it with you to make your cash payment at **MENA Conference** | Office No. 504, Salam & Hamdan Street Junction | P.O Box 7400, Abu Dhabi, UAE | Phone: +791 56 7620028 | Email: maria@menaconf.com - info@menaconf.com

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