3rd International Neonatology Conference on
Hot Topics in Neonatal Medicine

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

Organized by:
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. Ekhard Zeigler
Dr. David Rubenstein
Dr. Linda J. Van Marter
Dr. Howard Stein
Dr. Peter Rimensberger
Dr. Dagmar Stein
Dr. Christer Sinderby
Dr. Jennifer Beck
Dr. Leo Heunks

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

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<th>Time</th>
<th>Session</th>
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<td>0800-0820</td>
<td>Registration</td>
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<tr>
<td>0820-0830</td>
<td>Chairman Introduction</td>
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<tr>
<td></td>
<td>Junaid Khan &amp; Aiman Rahmani</td>
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<tr>
<td>0830-0900</td>
<td>SESSION - ONE: Moderator: Aiman Rahmani</td>
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<tr>
<td>0830-0900</td>
<td>Global Neonatology</td>
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<tr>
<td></td>
<td>Linda Van Marter</td>
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<tr>
<td></td>
<td>Associate Professor of Pediatrics, Harvard Medical School, Children’s Hospital, Boston, USA</td>
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<tr>
<td>0900-0930</td>
<td>Perinatal Infection and Brain Injury</td>
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<tr>
<td></td>
<td>David Rubenstein</td>
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<tr>
<td></td>
<td>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</td>
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<tr>
<td>0930-1000</td>
<td>Neonatal Sepsis: An Update</td>
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<tr>
<td></td>
<td>Fawaz Kashlan</td>
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<td></td>
<td>Consultant Neonatologist, Head of Neonatal Infection control committee, Department of Pediatrics, Riyadh Armed Forces Hospital, Riyadh, KSA</td>
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<tr>
<td>1000-1015</td>
<td>Panel Discussion</td>
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<td>1015-1045</td>
<td>Coffee Break</td>
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<tr>
<td>1045-1130</td>
<td>SESSION - TWO: Moderator: Khaled Al-Atawai</td>
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<tr>
<td>1045-1130</td>
<td>Modes of Mechanical Ventilation in Newborns</td>
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<td></td>
<td>Peter Rimensberger</td>
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<td></td>
<td>Chief, Service of Neonatology and Pediatric Intensive Care, Department of Pediatrics, University Hospital of Geneva, Geneva, Switzerland</td>
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<tr>
<td>1130-1200</td>
<td>Non-Invasive Ventilation (What Are The Evidences)</td>
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<tr>
<td></td>
<td>Junaid Khan</td>
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<tr>
<td></td>
<td>Chief of NICU and Pediatrics Services, CME Chairperson, Al-Rahba Hospital/Johns Hopkins, Abu Dhabi, UAE</td>
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<tr>
<td>1200-1230</td>
<td>Persistent pulmonary Hypertension of Newborn</td>
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<td></td>
<td>Linda Van Marter</td>
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<td>Associate Professor of Pediatrics, Harvard Medical School, Children’s Hospital, Boston, USA</td>
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<tr>
<td>1230-1245</td>
<td>Panel Discussion</td>
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<td>1245-1400</td>
<td>Prayer &amp; Lunch Break</td>
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### SESSION - THREE:  
**Moderator: Nada Salman**

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<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
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| 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 Enterocoloitis                                              | 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):

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
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</table>
| 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:

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<thead>
<tr>
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<th>Title</th>
<th>Speaker</th>
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<tr>
<td>1700-1800</td>
<td>Neonatal Arrhythmia</td>
<td>Howard Stein</td>
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<td>1700-1800</td>
<td>Chest X-Ray Interpretation</td>
<td>David Rubenstein</td>
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<tr>
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<td>1800-1900</td>
<td>Chest X-Ray Interpretation</td>
<td>David Rubenstein</td>
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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

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<tr>
<th>Time</th>
<th>Topic</th>
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| 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

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<th>Time</th>
<th>Topic</th>
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| 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

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<tr>
<th>Date</th>
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<tr>
<td>Workshop - February 7, 2013</td>
<td>X-ray Interpretation Workshop</td>
<td>AED 200</td>
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<tr>
<td>Workshop - February 7, 2013</td>
<td>Neonatal Arrhythmia Workshop</td>
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<tr>
<td>Three Days Conference</td>
<td>7th-9th February, 2013</td>
<td>AED 1500</td>
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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

Cash
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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<td>BANK OF BARODA, HAMDAN STREET, ABU DHABI</td>
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Cheque
Please address Cheque to Middle East and North Africa Conference
For registration please visit our website: www.menaconf.com and confirm your attendance.

For more information and inquiries, please contact:

Ms. Maria via:
Mobile: +971 56 7620028
Phone: +971 2 4919888
Email: maria@menaconf.com - info@menaconf.com

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