POSTER SESSIONS

A  EPIDEMIOLOGY

B  STABILIZATION OF HIGH RISK INFANTS / PULMONARY DISEASES AND RESPIRATORY CARE / BPD AND PDA

C  NUTRITION, METABOLISM AND DRUGS

D  INFECTIONS AND INFLAMMATION / NEUROLOGY

E  MISCELLANEOUS TOPICS
A EPIDEMIOLOGY

THURSDAY, MARCH 31, 2016; 1330 - 1400
Chair: J.M. Davis, Boston; L.Z. Du, Hangzhou

A-1
Neonatal survival - the global perspective
S. Ali
Department of Paediatrics, PAF Hospital, Fazaia Medical College, Islamabad, Pakistan

A-2
Multiple factors associated to the incidence of asphyxia in term infants
A.N. Radityo; M.S. Kosim; G. Irawan
Neonatology Department, Diponegoro University, Dr. Kariadi Hospital, Semarang, Indonesia

A-3
HELLP syndrome in severe preeclampsia: The perinatal outcomes
S. Rahmayanti; D.S Nurdiati
Faculty of Medicine, Universitas Gadjah Mada, Yogyakarta, Indonesia

A-4
Morbidity and mortality of very low birth weight infants with respiratory distress syndrome in Shaanxi NICU network
L. Zhang, B. Sun
Northwest Women and Children's Hospital; Children's Hospital of Fudan University, Shanghai, China

THURSDAY, MARCH 31, 2016; 1545 – 1630
Chair: R. Mori, Tokyo; V.S. Rajadurai, Singapore

A-5
Efficacy of respiratory therapies and outcome of neonatal hypoxemic respiratory failure in a Northwest Chinese NICU network
L. Zhang, B. Sun
Northwest Women and Children's Hospital; Children's Hospital of Fudan University, Shanghai, China

A-6
Mortality of hypoxemic respiratory failure was higher in NICUs with lower annual admissions adjusted by SNAPPE-II categories
H. Wang, B. Sun
Children's Hospital of Fudan University, Shanghai, China

A-7
Demographic and clinical profile of congenital anomalies in a tertiary government hospital, a 1-year retrospective study
J.A. Rubio; C. Nunez; J. Wong
Paediatric Department, Hospital of Manila Medical Center, Manila, Philippines

A-8
Maternal exposure to air pollution and risk of oral clefts
J. Zhao, S. Yang, B. Zhang, S. Liang, Z. Qian, S. Xu
Wuhan Women and Children Health Care Center, Wuhan, China
STABILIZATION OF HIGH RISK INFANTS / PULMONARY DISEASES AND RESPIRATORY CARE / BPD AND PDA

THURSDAY, MARCH 31, 2016; 1300 - 1400
Chair: R.J. Martin, Cleveland; B. Hosono, Tokyo

B-1
Sustained inflammation and small-for-gestational age were associated with aggravation of neonatal bronchopulmonary dysplasia
M. Ochiai; H. Kurata; H. Inoue; T. Kusuda; T. Kinjo; H. Takada
Comprehensive Maternity and Perinatal Care Center, Fukuoka, Japan

B-2
Effect of delayed cord clamping and umbilical cord milking on preterm infants with gestational age < 32 weeks
X. Dong; X.F. Sun; Z. Yu; S. Han
Nanjing Maternity and Child Health Care Hospital, Nanjing, China

B-3
Delayed cord clamping compared with cord milking in preterm neonates
J.Y. Chun; J.W. Choi; S.A. Yoon; J.S. Kim; Y.H. Ho; S.Y. Ahn; H.S. Yoo; S.I. Sung; Y.S. Chang; W.S. Park
Paediatric Department, Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, Korea

B-4
Implementation of the first golden hour in the neonatal unit of Cipto Mangunkusumo Hospital, Jakarta, Indonesia
P.M.T. Marsubrin; R. Rohsiswatmo; S. Rahmayanti
Neonatology Division, Department of Pediatrics, University of Indonesia, Cipto Mangunkusumo Hospital, Jakarta, Indonesia

THURSDAY, MARCH 31, 2016; 1545 – 1630
Chair: C.C. Roehr, Oxford; B. Sun, Shanghai

B-5
Clinical profile and outcome of newborns after double volume exchange transfusion
P. Kanodia; S. Yadav; N. BhattaM; R. Singh; S. Yadav
Dept. of Pediatrics, Neonatology Division, B.P Koirala Institute of Health Sciences, Dharan, Nepal

B-6
Effect of surfactant treatment for pulmonary haemorrhage in neonates
L.H. Chu; K.D. Khu
Neonatology Department, National Pediatric Hospital, Ha Noi, Vietnam

B-7
The new generation synthetic surfactant CHF5633 reduces LPS-induced TNF-alpha response in human neonatal and adult CD14+ monocytes
K. Glaser; M. Fehrholz; T. Curstedt; S. Kunzmann; C.P. Speer
University Children’s Hospital, University of Wuerzburg, Wuerzburg, Germany

B-8 Pulmonary interstitial emphysema in preterm infants
T.M. Wang; Y.C. Hsu; M.C. Lin
Pediatric Department, Taichung Veterans General Hospital, Taichung, Taiwan
B-9
Comparison of early and late caffeine therapy on clinical outcomes of preterm neonates
R. Saeidi, S. Maghrebi
Neonatal Research Center, Imam Reza Hospital, Faculty of Medicine, Mashhad University of Medical Sciences, Mashhad, Iran

B-10
Factors associated with the severity of bronchopulmonary dysplasia in very low birth weight infants
Q. Zhang; Y. Wu; X. Gao; Y. Zuang; Y. Hu; B. Lu; Y. Xiong
Hunan Children’s Hospital, Hunan, China

B-11
Indomethacin prophylaxis after the trial of Indomethacin prophylaxis in preterm infants (TIPP): A post-trial field evaluation by propensity score
A. Almudeer
Pediatric Department, University of Dalhousie, Halifax, Canada
C NUTRITION, METABOLISM AND DRUGS

THURSDAY, MARCH 31, 2016; 1300 - 1400
Chair: M. Hei, Changsha; S. Supapannachart, Bangkok

C-1 Outcomes of very low birth weight infants or extremely low birth weight infants after using donor human milk in a Chinese NICU
S. Han; Z. Yu
Nanjing Maternity and Children Healthcare Hospital, Nanjing, China

C-2 Determination of faecal fatty acid contents in infants fed with human milk and infant formula
W. Zhang
Xinhua Hospital Affiliated to Shanghai Jiao Tong University, School of Medicine, Xinhua, China

C-3 Investigating the changes in trace elements in preterm breast milk
N. Mohd Taufek; D. Cartwright; M. Davies; A.K. Hewavitharana; P. Koorts; K. Palmer-Field; P.N. Shaw; K. Whitfield
School of Pharmacy, The University of Queensland, Queensland, Australia

C-4 Investigating the longitudinal variation of eight essential trace elements in preterm human milk- a case study
N. Mohd Taufek; J.A. Duley; H.G. Liley; P.N. Shaw; K. Whitfield
School of Pharmacy, The University of Queensland, Queensland, Australia

THURSDAY, MARCH 31, 2016; 1545 – 1630
Chair: W.W. Hay, Aurora; Y. Cao, Shanghai

C-5 The safety of a large dose of amino acid in early parenteral nutrition of very and extremely low birth weight infants
X. Yuan
Jinan Maternity and Child Care Hospital, Jinan, China

C-6 Carnitin effect on cholesterol and triglyceride serum levels in preterm infants receiving total parenteral nutrition
A. Farhat; A. Mohammadzadeh; N.G.H. Firooz
Neonatal Research Center, Imam Reza Hospital, Faculty of Medicine, Mashhad University, Mashhad, Iran

C-7 Correlation between severe retinopathy of prematurity and sildenafil administration in a preterm infant with persistent pulmonary hypertension of the newborn
K. Fuwa; S. Hosono; K. Kayama; N. Nagano; Y. Taguchi; K. Yoshikawa; S. Takahashi
Department of Pediatrics and Child Health, Nihon University School of Medicine, Tokyo, Japan

C-8 Dexmedetomidine in ventilated neonates - a pilot study
M.R. Hariram; M.V. Ashok; M. Salih; V. Viswasri; N. Santosh
Department of Neonatology, Sagar Hospitals, Bangalore, India
Late vitamin K-deficiency bleeding in two young infants - an almost forgotten disorder
C. Siauw; J. Wirbelauer; C. P. Speer
University Hospital Wuerzburg, Children’s Hospital, Wuerzburg, Germany

The evaluation of blood calcium, phosphate, alkaline phosphatase, VitA and 25-OH VitD at birth of SGA and AGA preterm infants
B. He
The First Affiliated Hospital of Xiamen University, Xiamen, China

FRIDAY, APRIL 1, 2016; 1400 – 1430
Chair: N. Modi, London; J.X. Zhu, Shanghai

Hyperferritinemia as a clinical risk factor of sepsis or bronchopulmonary dysplasia in very low birth weight infants
M. Ochiai; H. Kurata; H. Inoue; K. Tanaka; Y. Matsushita; J. Fujiyoshi; H. Takada
Comprehensive Maternity and Perinatal Care Center, Kyushu University Hospital, Fukuoka, Japan

Blood reference intervals for preterm low birth weight infants: A multicenter cohort study in Japan
M. Ochiai; Y. Matsushita; H. Inoue; T. Kusuda; D. Kang; K. Ichihara; N. Nakashima; K. Ihara; S. Ohga; T. Hara; for the Kyushu University High-Risk Neonatal Clinical Research Network, Japan
Department of Pediatrics, Graduate School of Medical Sciences, Kyushu University, Fukuoka, Japan

A model for predicting significant hyperbilirubinemia in neonates from China
S. Han; Z. Yu
Nanjing Maternity and Children Healthcare Hospital, Nanjing, China

Association between vitamin D status and gestational age and risk factors for vitamin D deficiency in preterm infants
R. Yu
Wuxi Maternal and Child Health Care Hospital, Wuxi, China
THURSDAY, MARCH 31, 2016; 1330 - 1400
Chair: D. Isaacs, Sydney; J. Mao, Shengyang

D-1 Clinical characteristics of early onset sepsis in micro-preemie
S.A. Yoon; J.Y. Chun; Y.H. Ho; J.S. Kim; H.S. Yoo; S.I. Sung; S.Y. Ahn; Y.S. Chang; W.S. Park
Department of Pediatrics, Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, Korea

D-2 Evaluation of neonatal sepsis causative agents and empirical antibiotic susceptibilities used in the neonatology unit, Cipto Mangunkusumo Hospital, Jakarta, Indonesia
C. Nadia; R. Rohsiswatmo; A. Iskandar
Neonatology Division, Department of Pediatrics, Faculty of Medicine, University of Indonesia, Cipto Mangunkusumo Hospital, Jakarta, Indonesia

D-3 CLABSI reduction with use of a central line insertion bundle
J. Khan; M. Qadir; A. Brystricka
Al-Rhaba Hospital, Abu Dhabi, United Arab Emirates

D-4 Successful containment and infection control of a multidrug-resistant Escherichia coli outbreak in a Neonatal Intensive Care Unit
C. Silwedel; U. Vogel; H. Claus; K. Glaser; J. Wirbelauer; C.P. Speer
University Hospital Wuerzburg, Children’s Hospital, Wuerzburg, Germany

THURSDAY, MARCH 31, 2016; 1545 – 1630
Chair: M.P. Sherman, Columbia; W.H. Zhou, Shanghai

D-5 S.aureus and neonatal stridor: Are they related?
D. Varghese; A. Ansary; L. Jackson
Neonatal Unit, Royal Hospital for Children, Glasgow, UK

D-6 Multiple factors associated with Methicillin-resistant Staphylococcus Aureus infections in neonates
A.N. Radityo; M.S. Kosim; G. Irawan
Neonatology Department, Diponegoro University Dr. Kariadi Hospital, Semarang, Indonesia

D-7 Lactoferrin as an adjuvant in influenza vaccination
M. Sherman; C. Pritzl; C. Xia; B. Hahm
Neonatology, University of Missouri, Columbia, USA

D-8 Preventive effect of magnesium sulfate on intra ventricular hemorrhage in preterm infants
A. Mohammadzadeh; A. Farhat; M. Roshandel
Neonatal Research Center, Imam Reza Hospital, Faculty of Medicine; University of Medical Science, Mashhad, Iran
D-9
Neurogenin-2-transduced human neural progenitor cells attenuate neonatal hypoxic-ischemic brain injury
J. Shin; I. Lee; K. Koo; K. Jung; I. Kim; M. Kim; K. Hwang; S. Yun; H. Lee; K. Park
Department of Pediatrics, Severance Children’s Hospital, Seoul, Korea

D-10
Cerebral folate deficiency - a form of folinic acid responsive seizures
M.V. Ashok; M.R. Hariram; V. Viswasri; A.B. Jalan; S.A. Mustafa
Department of Neonatology, Sagar Hospitals, Bangalore, India

D-11
Compared to INSURE, LISA causes less effects on cerebral oxygen metabolism of preterm newborns
X Li; T Cheng; L Zhang
Guang Zhou Women and Children’s Medical Center, Guang Zhou, China

FRIDAY, APRIL 1, 2016; 1400 – 1430
Chair: L.W. Doyle, Melbourne; T.T.T. Pham, Ho-Chi-Minh City

D-12
Risk factors and brain magnetic resonance imaging in neonates with refractory purulent meningitis
S. Li; S. Jiang; M. Yang; G. Cheng; Q. Zhou; Z. Qiao; Y. Cao
Children's Hospital of Fudan University, Shanghai, China

D-13
Assessment of an association between attention deficit hyperactivity disorder and low birth weight in 5 to 10-year old children
R. Saeidi; M. Javanbakht; M. Sagary
Neonatal Research Center, Imam Reza Hospital, Faculty of Medicine, Mashhad University of Medical Sciences, Mashhad, Iran

D-14
The effects of combined follow-up and early intervention program on neurodevelopment outcomes in high risk neonates
J. Huang
The First People's Hospital of Hefei, Hefei, China

D-15
Survival without major morbidities of extremely preterm infants born at St. Luke’s Medical Center Quezon City from 2011 to 2013
ME Uy; L. Simangan; I. Palaluan
Department of Pediatrics, St. Luke's Medical Center, Quezon City, Philippines
E  MISCELLANEOUS TOPICS

THURSDAY, MARCH 31, 2016; 1300 - 1400
Chair: M. Vento, Valencia; Z.L. Lin, Wenzhou

E-1
Impact of education on attitudes of neonatologists and nurses to family integrated care (FiCare) in NICUs in China
M. Hei; X. Gao; X. Gao; A. Zhang; S.K. Lee
Central South University Xiangya Hospital, Xiangya, China

E-2
Effect of family integrated care (FiCare) on maternal stressfulness in a Neonatal Intensive Care Unit
L. He; Y. Tan; M. Hei
The Third Xiangya Hospital of Central South University, Xiangya, China

E-3
Feasibility and infant outcomes of family-integrated-care (FiCare) in Neonatal Intensive Care Units in China: A pilot study
M. Hei; Y. Tan; L. He; S.K. Lee
The Third Xiangya Hospital of Central South University, Xiangya, China

E-4
A quality improvement initiative to increase breast milk use in a Chinese NICU
Q. Zhou; S. Lee; X. Hu; Y. Cao
Children's Hospital of Fudan University, Shanghai, China

THURSDAY, MARCH 31, 2016; 1545 – 1630
Chair: R.K. Pejaver, Bangalore; M. Shahidullah, Dhaka

E-5
Comparison of neonatal complications between Cesarean delivery and normal vaginal delivery
R. Saeidi; G.A. Maamouri; S. Ayati; S. Rahmani
Neonatal Research Center, Imam Reza Hospital, Faculty of Medicine, Mashhad University of Medical Sciences, Mashhad, Iran

E-6
Impact of maternal body mass index (BMI) on birthweight
M.F.M Ibrahim; S.C. Chuah
Obstetrics & Gynaecology, John Hunter Hospital, Newcastle, NSW, Australia

E-7
Maternal predictors of low birth weight among women attending private hospitals of Lahore, Pakistan.
A. Saeed; A. M. Saeed
Department of Health Sciences, University of South Asia, Lahore, Pakistan

E-8
A new tool to diagnose congenital heart disease - Al Rahba Hospital experience
J. Khan
NICU, Department of Paediatrics, Al Rahba Hospital/John Hopkins Int., Abu Dhabi, United Arab Emirates
E-9
Comparison of sodium ion levels between an arterial blood gas analyzer and an auto-analyzer in preterm infants admitted to the neonatal intensive care unit: A retrospective study
J. Doo; J.K. Kim; S.C. Cho
Department of Pediatrics, Chonbuk National University Hospital, Jeonju, Korea

E-10
Clinical and genetic study of Cornelia de Lange syndrome in China
M. Hei; X. Gao; L. Wu
The Third Xiangya Hospital of Central South University, Xiangya, China

E-11
Case report of Wolf-Hirschhorn syndrome requiring multi-disciplinary approach to management
J.C. Nagaputra; S. Bharadwaj; J.T.L. Choo; T. Oon Hoe; A. Ang; T.T. Wah; A.H.M. Lai; D.K.L. Chan
Department of Neonatal and Developmental Medicine, Singapore General Hospital, Singapore

E-12
Bilious vomiting in neonates with no less than 35 weeks of gestational age in a single center experience
J.S. Shin; Y.H. Lee; G.H. Shim; M.J. Chey
Department of Pediatrics, Inje University Sanggye Paik Hospital, Seoul, Korea