



IPOKRATES
Clinical Seminar



Neonatal Pharmacology

Doha, Qatar
April 15 - 17, 2019

The Scientific Planning Committee has reviewed all disclosed financial relationships of speakers, moderators, facilitators and/or authors in advance of this CPD activity and has implemented procedures to manage any potential or real conflicts of interest.

Activity title: IPOKRATES Clinical Seminar – Neonatal Pharmacology

Activity date: 15/04/2019 – 17/04/2019

Location: Doha, Qatar

Target audience: Physicians, Nurses/Nurse Practitioners

OVERALL PROGRAM LEARNING OUTCOMES: To illustrate evidence base related to drug treatment for Neonatal infectious diseases, Hemodynamic Conditions, Respiratory Conditions and Birth Asphyxia/HIE patients

Monday, April 15, 2019

Time	Topic	Presenter	Learning objective
7:00-7:45	Registration		
7:45-8:00	Welcome and Introduction	Tom Young, Helmut Hummler	
Drug treatment of infectious diseases			
8:00-8:45	Antibiotic Selection in the Neonatal Intensive care unit	Ken Alexander	<ul style="list-style-type: none"> • To interpret evidence in right selection of antibiotics • To illustrate PK/PD of antibiotics
8:45-9:30	PK/PD of Antibiotics	Karel Allegaert	
9:30-10:00	Panel discussion		
10:00-10:30	Coffee/Tea Break		
10:30-11:15	Hazards of antibiotics in neonates beyond resistance	Alison Bedford-Russell	<ul style="list-style-type: none"> • To evaluate harmfulness of antibiotics in neonates • To outline management of culture negative sepsis
11:15-12:00	Fungal infections in the Neonatal Intensive care unit, Culture negative sepsis: What is it and what we should do about it?	Ken Alexander	
12:00-12:30	Panel Discussion		
12:30-13:30	Lunch		
13:30-14:15	Perinatal CMV-Infection – should we treat? If yes, with what and how long?	Charlotte Casper	<ul style="list-style-type: none"> • To compare and contrast various available evidence base controversies in CMV treatment • To Evaluate benefits of breast milk
14:15-15:00	Breast milk – the ideal personalized drug	Simon Murch	
15:00-15:30	Panel Discussion		
15:30 End of Day 1			

Tuesday, April 16, 2019

Time	Topic	Presenter	Learning objective
7:00-7:30	Registration		
Hemodynamic conditions			
7:30-8:15	Which inotrope for which baby – an objective approach to the treatment of adverse hemodynamic conditions in neonates	Samir Gupta	<ul style="list-style-type: none"> To demonstrate principles behind selection of inotropes
8:15-9:00	Drug Treatment of PPHN	Helmut Hummler	<ul style="list-style-type: none"> To illustrate usefulness of various drugs used for treating PPHN
9:00-9:30	Panel discussion		
9:30-10:00	Coffee/Tea Break		
10:00-10:45	Pharmacologic management of PDA – A penny for your thoughts	Samir Gupta	<ul style="list-style-type: none"> To compare and contrast different drugs usefulness in PDA treatments
10:45-11:30	Pharmacology of Paracetamol – for treatment of PDA, Analgesia, and prenatal	Karel Allegaert	<ul style="list-style-type: none"> To illustrate pharmacological basis for use of paracetamol for PDA treatment
11:30-12:00	Panel Discussion		
12:00-13:00	Lunch		
Respiratory Problems			
13:00-13:45	Caffeine in preterm infants	Tom Young	<ul style="list-style-type: none"> To examine comprehensive reviews of caffeine in preterms
13:45-14:30	Oxygen as a drug – Automated FiO2 adjustments	Helmut Hummler	<ul style="list-style-type: none"> To compare and contrast usefulness of automated FiO2 controller To describe potential usefulness and harm of postnatal steroids in newborns
14:30-15:15	Postnatal Steroids	Tom Young	
15:15-15:45	Panel Discussion		
15:45 End of Day 2			

Wednesday, April 17, 2019

Time	Topic	Presenter	Learning objective
7:00-7:30	Registration		
Drug therapy during/for Asphyxia/HIE			
7:30-8:15	Developmental Pharmacokinetics in Neonates	Karel Allegaert	<ul style="list-style-type: none"> To explain variation of pharmacokinetics in newborn population
8:15-9:00	Pharmacokinetics during Hypothermia	Tom Young	<ul style="list-style-type: none"> To demonstrate variation of pharmacokinetics of drugs during cooling therapy
9:00-9:45	Neonatal seizure treatments – the new, the old and the useless	Nicola Robertson	<ul style="list-style-type: none"> To describe updated literature old and newer drugs used in seizures treatment of newborn
9:45-10:15	Panel discussion		
10:15-10:45	Coffee/Tea Break		
10:00-10:45	Potential new adjunct therapies to avoid adverse neurodevelopmental outcome in neonatal encephalopathy	Nicola Robertson	<ul style="list-style-type: none"> To evaluate newer neuro-protective therapies in newborn
10:45-12:15	Immunizations in the NICU	Ken Alexander	<ul style="list-style-type: none"> To describe neonatal immunization understandings
12:15-12:45	Panel Discussion		
12:45 End of Day 3			

"This activity is an Accredited Group Learning Activity (Category 1) as defined by the Qatar Council for Healthcare Practitioners - Accreditation Department (QCHP-AD) and is approved for a maximum of 17.50 hours for Category 1."

"This activity was planned by and for the healthcare team, and learners will receive 17.50 hours Interprofessional Continuing Education (IPCE) credits for learning and change".