



Emirates Pediatric and Neonatal
Intensive Care Conference

مؤتمر الإمارات للعناية الحرجة لطب الأطفال
والأطفال الخدج

6 - 8 November 2019
Dubai, UAE

CRRT IN NEONATES AND CHILDREN WORKSHOP

Wednesday, 6th November 2019

08:00 to 12:00

COURSE DIRECTOR

Dr. Eva Simkova

COURSE CODIRECTORS

Dr. Martin Bitzan



Conference Secretariat: MCI Middle East



+971 4 311 6300



epnic2019@mci-group.com

COURSE FORMAT

This workshop will demonstrate using of CRRT in critically ill neonate and children. It will cover from the basic physiology of the kidney, vascular access and modes of CRRT to optimization of management of acute renal failure in NICU and PICU setting.

Course Objectives

- Understand basic principles and indication of continuous renal replacement therapy (CRRT)
- Understand practical CRRT prescription and discuss the importance of vascular access and anticoagulation in successful CRRT usage
- Recognize all the components needed to perform a successful CRRT treatment
- Recognize advantages, limitations and special requirements when performing CRRT
- CRRT in critically ill children
- CRRT with ECMO in PICU

Target Audience

- Paediatric Nephrologists
- Neonatal and Paediatric Intensivists
- Paediatricians, Residents and Fellows
- Nephrology and ICU nurses.

Wednesday 6th of November 2019

08:00 – 08:10	Introduction	Dr. Eva Simkova
08:10 – 08:25	Basic principles of CRRT	Dr. Martin Bitzan
08:25 – 08:40	CRRT indication	Dr. Entesar Abdulla AlHammadi
08:40 – 09:45	<p>Practical CRRT prescription (10 min each)</p> <ul style="list-style-type: none"> - Vascular access from a nephrologist - Vascular access from an anaesthetist - Solute clearance, solutions - Fluid balance and nutrition - Anticoagulation including citrate - Drug dosing 	<p>Dr. Martin Bitzan</p> <p>Dr. Marco Pallavidino</p> <p>Dr. Kesava Ananth Ramakrishnan</p> <p>Dr. Eva Simkova</p> <p>Dr. Entesar Abdulla AlHammadi</p> <p>Dr. Watfa Shahwan Al Dhaheri</p>
09:45 - 10:00	Coffee Break	
10:00 - 10:15	CRRT and specific problems in Neonates	Dr. Watfa Shahwan Al Dhaheri
10:15 – 10:30	ECMO CRRT	Dr. Christoph Johannes Fink
10:30 - 10.45	Panel discussion	All Speakers
10:45 -12:00	<p>Hands-on session</p> <p>(2 – 4 rotating groups, in parallel)</p>	<p>Dr. Ayman Monir Farh Hanna</p> <p>Dr. Mutaz Mahamid Dr. Adli Maher Mohammad Baroud</p>