



3<sup>rd</sup> Asia Pacific  
**AKI  
CRRT  
2019**



11 - 14 OCTOBER 2019  
CONNEXION CONFERENCE & EVENT CENTRE (CCEC)  
BANGSAR SOUTH, KUALA LUMPUR, MALAYSIA

# MAIN CONGRESS PROGRAMME

## DAY 1: 12 OCTOBER 2019 (Saturday)

07:00 - 08:00 **Congress Registration**

08:00 - 08:30 **Opening Ceremony & Welcome Speech**

08:30 - 09:00 **Plenary 1**  
**Management of AKI in the Digital Era**  
*Ravindra Mehta*

09:00 - 10:30 **AKI CRRT Symposium 1**  
**Pathophysiology of AKI**

Room/Hall *Nexus 2 & 3*

09:00 - 09:20 Urinary Sediments in AKI Detection and Differentiation  
*Li Yang*

09:20 - 09:40 Pediatric AKI in China  
*Aihua Zhang*

09:40 - 10:00 Mechanism of Drug-Induced AKI  
*Mitchell Rosner*

10:00 - 10:20 The Molecular Mechanisms of AKI to CKD Transition and Its Clinical Implication  
*Masaomi Nangaku*

10:20 - 10:30 Q&A

10:30 - 11:00 **Coffee Break**



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AKI CRRT Concurrent Workshops Session 1					
11:00 - 12:30	<b>Workshop 1A</b> <i>CRRT Technique 1</i>	<b>Workshop 1B</b> <i>Critical Care Nephrology 1</i>	<b>Workshop 1C</b> <i>Hemodynamic and Fluid Management 1</i>	<b>Workshop 1D</b> <i>Peritoneal Dialysis for AKI</i>	<b>APSN: AKI-CRRT Regional Topics</b>
Room/ Hall	<i>Auditorium</i>	<i>Nexus 3</i>	<i>Continuum</i>	<i>Reflexion</i>	<i>Zenith@The Vertical</i>
	<p><b>CRRT for the Experienced User 1</b> Interactive Case Based Discussions on Dose Adjustments, Monitoring for Adequacy, Modality Selection and Transitions in CRRT. <i>Claudio Ronco, Mark Marshall, Marlies Ostermann</i></p>	<p><b>Managing Heart Failure and Cardio-Renal Syndrome</b> Technical Considerations, Practical Application and Results of Different Methods to Treat Heart Failure and Cardio-Renal Syndrome Including Ultrafiltration Techniques. <i>Mitchell Rosner, Rajasekara Chakravarthi, Azmee Ghazi</i></p>	<p><b>Fluids and Solutions in AKI Management: Crystalloids and Colloids: When and How to Use</b> Techniques, Applications, Monitoring and Practical Issues for Implementation. <i>John Kellum, Alex Zarbock, Shuangling Li</i></p>	<p><b>Using Peritoneal Dialysis in Managing AKI Patients Technical Considerations, Practical Application and Patient Selection.</b> <i>Lai Seong Hooi, Bak Leong Goh, Aihua Zhang</i></p>	<p><b>Clinical Trials in APAC. The Effect of Indigenous Remedies and Management</b> <i>Li Yang: "Drug-Induced AKI: Improving the Diagnostic and Preventive Strategies in China" (11:00-11:20)</i></p> <p><i>Hajeong Lee: "Simple Assessment of Postoperative AKI Risk (SPARK) Classification before Noncardiac Surgery" (Korea) (11:20-11:40)</i></p> <p><i>Vincent Wu: "Multi-Disciplinary Post-AKI Care in Taiwan – Tackling the AKI-CKD Transition" (11:40-12:00)</i></p> <p><i>Sanjib Sharma: "Managing Patients with AKI and CKD in Resource Constrained Settings" (12:00-12:20)</i></p> <p>Q &amp; A (12:20-12:30)</p>



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Room/ Hall	Nexus 2&3	Auditorium
12:30 - 14:00	<p><b>Lunch Symposium Sponsored by Baxter Healthcare (Asia)</b> Supporting Your Patients Through Critical Illness – “Fixing The Numbers” is NOT Enough! <i>Mark Marshall, Ravindra L Mehta, Matthew Cove</i></p>	<p><b>Lunch Symposium Sponsored by Kyowa Hakko Kirin</b> Paradigm Shift in Dialysis: Outcome, Nutrition, CKD-MBD <i>Ikuto Masakane</i></p>

AKI CRRT Concurrent Workshops Session 2					APSN: AKI-CRRT Regional Topics
14:00 - 15:30	<b>Workshop 2A</b> <i>CRRT Technique 2</i>	<b>Workshop 2B</b> <i>Critical Care Nephrology 2</i>	<b>Workshop 2C</b> <i>Pediatric AKI</i>	<b>Workshop 2D</b> <i>Dialysis Technique and Plasma Exchange</i>	
Room/ Hall	Auditorium	Nexus 3	Continuum	Reflexion	Zenith@The Vertical
	<p><b>Strategies for Optimizing the CRRT Circuit (Access, Anticoagulation and Monitoring) Citrate Anticoagulation</b> Case Based Discussions on Best Practices to Maintain Circuits for CRRT Focusing on the Access, Anticoagulation and Monitoring. <i>Ashita Tolwani, Ling Zhang, Ian Baldwin</i></p>	<p><b>Managing Patients with Sepsis: Pathophysiology, Diagnosis, Assessment, Resuscitation, Drug Management, Techniques for Disease Modification, Organ Support and Renal Protection</b> Pathophysiology of Sepsis, Rationale and Strategies for Fluid and Vasopressor Use for Supportive Therapy. Technical Considerations and Practical Application of Extracorporeal Support Techniques for Sepsis. <i>Jean-Louis Vincent, Patrick Honore, Kent Doi</i></p>	<p><b>Pediatric AKI</b> Review and Discussion of Best Practices to Develop Your Pediatric AKI and CRRT Program, Identify and Treat Your Young Patients with AKI, and to Assure Delivery of High- Quality Care in the Pediatric Setting. <i>Rajit Basu, Aihua Zhang, Theresa Mottes</i></p>	<p><b>Principles of Plasma Exchange, Applications and Practical Issues</b> Rationale and Technique of Plasma Exchange and Its Applications, Case Based Discussions. <i>Eisei Noiri, Soo Kun Lim</i></p>	<p><b>Community- acquired AKI in the Asian Pacific Region:</b> <i>Networking to get the Data: Problems and Solutions.</i> <i>Nattachai Srisawat: “The Thai Network” (14:00-14:20)</i> <i>Hajeong Lee: “AKI in Korea” (14:20-14:40)</i> <i>Li Yang: “CA-AKI and AKI in Rural Hospitals in China” (14:40-15:00)</i> <i>Ong Loke Meng: “Outcome of AKI in Malaysian Hospitals” (15:00-15:20)</i> Q &amp; A (15:20- 15:30)</p>

15:30 -  
16:00 **Coffee Break**



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## 16:00 - 17:30 **AKI CRRT Symposium 2** **Organ Cross Talk in Critically Ill Patients**

Room/Hall *Nexus 2 & 3*

16:00 - 16:20 The Spectrum of Cardiorenal Syndromes  
*Claudio Ronco*

16:20 - 16:40 Hepatorenal Syndrome  
*Nagaraja Padaki*

16:40 - 17:00 AKI in the Setting of Cancer  
*Mitchell Rosner*

17:00 - 17:20 Management of AKI Post Cardiac and Vascular Surgery: Highlights from ADQI 20  
*Alex Zarbock*

17:20 - 17:30 Q&A

17:30 - 19:00 **Poster Walk About & Presentation** **Industry Booth Presentation**

19:30 - 22:00 **MSN President Night & Faculty Dinner**



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## DAY 2: 13 OCTOBER 2019 (Sunday)

07:00 - 08:00

**Congress Registration**

07:30 - 08:30

**Meet the Experts 1**  
How I Treat Septic Shock  
*Jean Louis Vincent and Patrick Honore*

**Meet the Experts 2**  
How do I Manage the Fluid Overloaded Patient?  
*John Kellum and Ling Zhang*

Room/Hall

*Continuum*

*Reflexion*

08:30 - 09:00

**Plenary 2**  
**Extracorporeal Organ Support (ECOS) for Multi Organ Failure and Sepsis**  
*Claudio Ronco*

09:00 - 10:30

**AKI CRRT Symposium 3**  
**Controversies & Challenges in ICU Management**

Room/Hall

*Nexus 2 & 3*

09:00 - 09:20

Volume First in the Management of Patients with AKI Receiving RRT?  
*Rajit Basu*

09:20 - 09:40

Calcium Containing Solutions for Citrate CRRT: Does It Work?  
*Ravindra Mehta*

09:40 - 10:00

Quality of Care for AKI: Highlights from ADQI 22  
*Kianoush Kashani*

10:00 - 10:30

Viewpoints: Biomarkers Based Management of AKI: Are We Ready?  
No We Don't Have Enough Data: *Marlies Ostermann*  
We Are Not Sure: *Zoltan Endre*  
Yes Absolutely: *Alex Zarbock*  
(Moderator: *Kent Doi*)

10:30 - 11:00

**Coffee Break**

11:00 - 12:30

**AKI CRRT Symposium 4**  
**Novel Strategies in AKI Management**

Room/Hall

*Nexus 2 & 3*

11:00 - 11:20

Atypical Hemolytic Uremic Syndrome: Pathogenesis and Treatment  
*Masaomi Nangaku*

11:20 - 11:40

Why Are Some People Resistant to AKI?  
*John Kellum*

11:40 - 12:00

Renal Functional Reserve: A Target for Intervention?  
*Claudio Ronco*

12:00 - 12:20

Subphenotypes For AKI: Where Are We Headed?  
*Ravindra Mehta*

12:20 - 12:30

Q&A

12:30 - 14:00

**Lunch Symposium Sponsored by Fresenius Medical Care**  
**Modality Selection in CRRT with RCA**  
*Manish Kaushik, Marlies Ostermann, Abdul Halim Abdul Gafur*

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## AKI CRRT Concurrent Workshops Session 3

14:00 - 15:30	<b>Workshop 3A</b> <i>CRRT Technique 3</i>	<b>Workshop 3B</b> <i>Critical Care Nephrology 3</i>	<b>Workshop 3C</b> <i>Hemodynamic and Fluid Management 2</i>	<b>Workshop 3D</b> <i>Biomarkers in AKI</i>	APSN: AKI-CRRT Regional Topics
Room/Hall	<i>Auditorium</i>	<i>Nexus 3</i>	<i>Continuum</i>	<i>Reflexion</i>	<i>Zenith@The Vertical</i>
	<p><b>CRRT for the Experienced User 2: Solutions, Fluid Removal, Fluid Balance, Monitoring</b></p> <p>Interactive Case Based Discussion on Strategies for Fluid Management in CRRT to Achieve Patient Driven Outcomes for Fluid, Electrolyte and Acid Base Balance.</p> <p><i>Ravindra Mehta, Qi Qian</i></p>	<p><b>Managing Patients with AKI and Liver Failure</b></p> <p>Pathophysiology of AKI in Setting of Acute and Chronic Hepatic Failure and Management Strategies for Differential Diagnosis and Therapy.</p> <p><i>Nagaraja Padaki, Soek Siam Tan</i></p>	<p><b>Assessment of Fluid Responsiveness, Hemodynamic Monitoring and Targets (Swap to workshop 3)</b></p> <p>Principles and Strategies for Volume Assessment, Hemodynamic and Microcirculatory Monitoring in Critically Ill Patients.</p> <p><i>Kianoush Kashani, Manish Kaushik, Halim Gafor</i></p>	<p><b>Using Kidney Biomarkers for AKI: Risk Assessment, Diagnosis and Staging</b></p> <p>Practical Issues for Use of Kidney Biomarkers for Assessing Risk and for Early Recognition and Interventions in AKI.</p> <p><i>Zoltan Endre, Alex Zarbock, Eisei Noiri</i></p>	<p><b>Critical Care Nephrology in APAC</b></p> <p><b>China:</b> Setting up AKI E-Alerts and Care Bundle in ICU? <i>Shuangling Li</i> (14:00-14:20)</p> <p><b>India:</b> AKI Following Cardiac Surgery: <i>Rajasekara Chakravarthi</i> (14:20-14:40)</p> <p><b>Japan:</b> Diagnosis, Management, and Prognosis of Patients with Acute Kidney Injury in Japanese Intensive Care Units: The JAKID Study. <i>Kent Doi</i> (14:40-15:00)</p> <p><b>Malaysia:</b> AKI in ICU- the Malaysian Experience <i>Mohd Basri Mat Nor</i> (15:00-15:20)</p> <p>Q&amp;A (15:20-15:30)</p>
15:30 - 16:00	<b>Coffee Break</b>				



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16:00 - 16:30	<p><b>Plenary 3:</b>  <b>AKI in Children What Have We Learnt?</b>  <i>Rajit Basu</i></p>
16:30 - 18:10	<p><b>AKI CRRT Symposium 5</b>  <b>AKI in Asia Pacific Regions</b></p>
Room/Hall	<i>Nexus 2 &amp; 3</i>
16:30 - 16:50	<p>AKI in Southeast Asia: Patterns of Care  <i>Nattachai Srisawat</i></p>
16:50 - 17:10	<p>Neglected Tropical Diseases and AKI: An Escalating Problem  <i>Bak Leong Goh</i></p>
17:10 - 17:30	<p>Renal Biopsy in AKI: What Have We Learned?  <i>Rajasekara Chakravarthi</i></p>
17:30 - 17:50	<p>Drug Safety Monitoring in Asia  <i>Eisei Noiri</i></p>
17:50 - 18:10	<p>CAKI in Nepal: Lessons from the ISN Oby25 Study  <i>Sanjib Sharma</i></p>



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## DAY 3: 14 OCTOBER 2019 (Monday)

07:30 - 08:30

### Meet the Experts 3

How I Manage Dysnatremias in the ICU  
*Qi Qian and Mitchell Rosner*

### Meet the Experts 4

What Blood Pressure Do I Target in My ICU Patients?  
*Jean Louis Vincent and Marlies Ostermann*

Room/Hall

*Continuum*

*Reflexion*

08:30 - 09:00

### Plenary 4

New Advances in the Treatment of Sepsis  
*Jean Louis Vincent*

09:00 - 10:30

### AKI CRRT Symposium 6 Economics and Burden of AKI

Room/Hall

*Nexus 2 & 3*

09:00 - 09:20

Economic Burden of AKI  
*Jorge Cerda*

09:20 - 09:40

Risk Profiling for Community Acquired AKI  
*Etienne Macedo*

09:40 - 10:00

Long Term Prognosis and Medical Treatment Following AKI  
*Vincent Wu*

10:00 - 10:20

Current Utilization and Economics of CRRT in China  
*Xiao Yue*

10:20 - 10:30

Q&A

10:30 - 11:00

### Coffee Break

11:00 - 12:40

### AKI CRRT Symposium 7 New Trials in AKI

Room/Hall

*Nexus 2 & 3*

11:00 - 11:20

Reducing Intradialytic Hypotension: Colloids vs Crystalloids?  
*Etienne Macedo*

11:20 - 11:40

Early vs Standard Initiation of RRT the FST Trial  
*Nattachai Srisawat*

11:40 - 12:00

Timing of Dialysis: the STAART Trial  
*Marlies Ostermann*

12:00 - 12:20

IV Fluid Resuscitation: The VOLUME-CHASER Study  
*Kianoush Kashani*

12:20 - 12:40

ARDS Trials: An Update  
*Keith Wille*

12:40 - 13:00

### Closing Ceremony

13:00 - 14:00

Lunch @ Grand Summit, the Vertical and Bon Voyage



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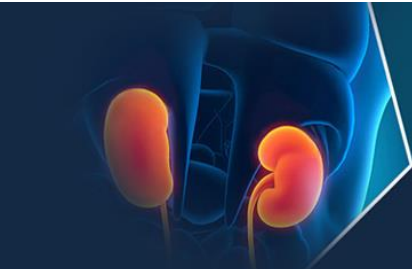


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## PROGRAMME PRE-CONGRESS: FRIDAY (11 OCTOBER 2019)

07:00 - 08:00			<b>Congress Registration</b>		
08:00 - 10:00			<b>Physicians Track</b>		<b>Nurses Track</b>
Room/Hall	<i>Continuum &amp; Reflexion</i>		<i>Auditorium</i>		
08:00 - 08:30	Patient Selection <i>Jorge Cerda</i>		Principles of CRRT <i>Ian Baldwin</i>		
08:30 - 09:00	Anticoagulation Principles <i>Ashita Tolwani</i>		System Components and Set Up <i>Jason Knox</i>		
09:00 - 09:30	Dosing for Solutes and Fluid in CRRT <i>Etienne Macedo</i>		Access, Membrane, Circuit <i>Ian Baldwin</i>		
09:30 - 10:00	Correcting Acid Base Abnormalities <i>Mark Marshall</i>		Modality & Dose <i>Jason Knox</i>		
10:00 - 10:30			<b>Coffee Break</b>		
10:30 - 12:30			<b>Physicians Track Interactive Sessions on CRRT</b>		<b>Nurses Track</b>
Room/Hall	<i>Continuum &amp; Reflexion</i>		<i>Auditorium</i>		
10:30 - 11:00	Circuit, Anticoagulation and Monitoring <i>Ashita Tolwani</i> <i>Rajasekara Chakravarthi</i>		Orders, Charting and Monitoring <i>Michelle Li Choo Ng</i>		
11:00 - 11:30	Dose / Fluid / Documentation <i>Qi Qian</i> <i>Etienne Macedo</i>		CRRT for Pediatric Patients <i>Theresa Mottes</i>		
11:30 - 12:00	Prescription / Order Sets / Decision Making / Coordination of Care <i>Jorge Cerda</i> <i>Nattachai Srisawat</i>		Integrating Multidisciplinary Support Team for CRRT Delivery <i>Ian Baldwin</i>		
12:00 - 12:30	Monitoring, Alarms and Connections with Other Therapies <i>Manish Kaushik</i> <i>Keith Wille</i>		Patient Mobilization and Rehabilitation <i>Jason Knox</i>		
12:30 - 14:30			<b>Lunch</b>		



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14:30 - 16:30		Physicians Track AKI in Sepsis	Nurses Track Interactive Sessions on CRRT
Room/Hall	Auditorium		Continuum & Reflexion
14:30 - 14:50	Pathophysiology of AKI <i>John Kellum</i>		Machine Priming, Circuit Set Up, Programing to Match Orders (14:30-15:00) <i>Theresa Mottes</i> <i>Victoria Agnes Mary Anthony Dass</i>
14:50 - 15:10	Biomarkers: Do They Help? <i>Zoltan Andre</i>		Implementing Therapy Delivery Dose Adjustments, Fluid Balance (15:00-15:30) <i>Jason Knox</i> <i>Michelle Li Choo Ng</i>
15:10 - 15:30	Management of Septic AKI <i>Marlies Ostermann</i>		Therapy Monitoring and Troubleshooting Alarms, Therapy Discontinuation (15:30-16:00) <i>Manish Kaushik</i> <i>Srisudha Sripeng</i>
15:30 - 15:50	CRRT for Septic AKI Management - an Integrated and Multidisciplinary Approach <i>Ling Zhang</i>		Connectology with Hybrid Systems e.g. ECMO ECCOR, Apheresis (16:00-16:30) <i>Keith Wille</i> <i>Ching Yan Goh</i>
15:50 - 16:10	Multi-Resistant Organisms: What to Do? <i>Suresh Kumar Chidambaram</i>		
16:10 - 16:30	Achieving Survival and Recovery <i>Patrick Honore</i>		
16:30-16:50	Novel Therapies for AKI in Sepsis <i>Kent Doi</i>		<b>Post Session Evaluation (16:30-17:00)</b>
16:50- 17:00	<b>Q and A</b>		
17:30 - 19:30 <b>Reception and Poster Walk About &amp; Presentation</b>			