



3rd 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
Room/Hall	<i>Nexus 2 & 3</i>
08:00 - 08:30	Opening Ceremony & Welcome Speech
08:30 - 09:00	Plenary 1 Management of AKI in the Digital Era <i>Ravindra Mehta</i> <i>Chairperson: Sunita Bavanandan</i>
09:00 - 10:30	AKI CRRT Symposium 1 Pathophysiology of AKI <i>Chairpersons: Philip Li & Ghazali Ahmad</i>
Room/Hall	<i>Nexus 2 & 3</i>
09:00 - 09:20	Urinary Sediments in AKI Detection and Differentiation <i>Li Yang</i>
09:20 - 09:40	Pediatric AKI in China <i>Aihua Zhang</i>
09:40 - 10:00	Mechanism of Drug-Induced AKI <i>Mitchell Rosner</i>
10:00 - 10:20	The Molecular Mechanisms of AKI to CKD Transition and Its Clinical Implication <i>Masaomi Nangaku</i>
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	Workshop 1A CRRT Technique 1 <i>Facilitator:</i> <i>Muhamad Iqbal</i>	Workshop 1B Critical Care Nephrology 1 <i>Facilitator:</i> <i>Halim Gafar</i>	Workshop 1C Hemodynamic and Fluid Management 1 <i>Facilitator:</i> <i>Esther Tan</i>	Workshop 1D Peritoneal Dialysis for AKI <i>Facilitator:</i> <i>Irene Wong</i>	APSN: AKI-CRRT Regional Topics <i>Chairpersons:</i> <i>Zoltan Endre & Hooi Lai Seong</i>
Room/Hall	Auditorium	Nexus 3	Continuum	Reflexion	Zenith@The Vertical
	CRRT for the Experienced User 1 Interactive Case Based Discussions on Dose Adjustments, Monitoring for Adequacy, Modality Selection and Transitions in CRRT. <i>Claudio Ronco, Mark Marshall, Marlies Ostermann</i>	Managing Heart Failure and Cardio-Renal Syndrome 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>	Fluids and Solutions in AKI Management: Crystalloids and Colloids: When and How to Use Techniques, Applications, Monitoring and Practical Issues for Implementation. <i>John Kellum, Alex Zarbock, Shuangling Li</i>	Using Peritoneal Dialysis in Managing AKI Patients Technical Considerations, Practical Application and Patient Selection. <i>Lai Seong Hooi, Bak Leong Goh, Aihua Zhang</i>	Clinical Trials in APAC. The Effect of Indigenous Remedies and Management <i>Li Yang: "Drug-Induced AKI: Improving the Diagnostic and Preventive Strategies in China"</i> (11:00-11:20) <i>Hajeong Lee: "Simple Assessment of Postoperative AKI Risk (SPARK) Classification before Noncardiac Surgery"</i> (Korea) (11:20-11:40) <i>Vincent Wu: "Multi-Disciplinary Post-AKI Care in Taiwan – Tackling the AKI-CKD Transition"</i> (11:40-12:00) <i>Sanjib Sharma: "Managing Patients with AKI and CKD in Resource Constrained Settings"</i> (12:00-12:20) Q & A (12:20-12:30)



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Room/ Hall	Nexus 2&3			Auditorium	
12:30 - 14:00	Lunch Symposium Sponsored by Baxter Healthcare (Asia) Supporting Your Patients Through Critical Illness – “Fixing The Numbers” is NOT Enough! <i>Mark Marshall, Ravindra L Mehta, Matthew Cove</i> <i>Chairperson: Sunita Bavanandan</i>			Lunch Symposium Sponsored by Kyowa Hakko Kirin Paradigm Shift in Dialysis: Outcome, Nutrition, CKD-MBD <i>Ikuto Masakane</i>	
AKI CRRT Concurrent Workshops Session 2					
14:00 - 15:30	Workshop 2A CRRT Technique 2 <i>Facilitator: Rashidi Saidin</i>	Workshop 2B Critical Care Nephrology 2 <i>Facilitator: Raha Abdul Rahman</i>	Workshop 2C Pediatric AKI <i>Facilitator: Yap Yok Chin</i>	Workshop 2D Dialysis Technique and Plasma Exchange <i>Facilitator: Halim Gafor</i>	APSN: AKI-CRRT Regional Topics <i>Chairpersons: Vincent Wu & Bak Leong Goh</i>
Room/ Hall	Auditorium	Nexus 3	Continuum	Reflexion	Zenith@The Vertical
	Strategies for Optimizing the CRRT Circuit (Access, Anticoagulation and Monitoring) Citrate Anticoagulation 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>	Managing Patients with Sepsis: Pathophysiology, Diagnosis, Assessment, Resuscitation, Drug Management, Techniques for Disease Modification, Organ Support and Renal Protection 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>	Pediatric AKI 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>	Principles of Plasma Exchange, Applications and Practical Issues Rationale and Technique of Plasma Exchange and Its Applications, Case Based Discussions. <i>Eisei Noiri, Soo Kun Lim</i>	Community- acquired AKI in the Asian Pacific Region: <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 & A (15:20- 15:30)
15:30 - 16:00	Coffee Break				

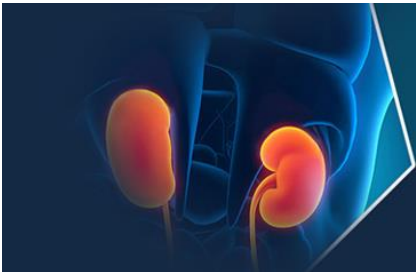


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AKI CRRT Symposium 2	
16:00 - 17:30	Organ Cross Talk in Critically Ill Patients <i>Chairpersons: Ashita Tolwani & Philip Jeremiah</i>
Room/Hall	Nexus 2 & 3
16:00 - 16:20	The Spectrum of Cardiorenal Syndromes <i>Claudio Ronco</i>
16:20 - 16:40	Hepatorenal Syndrome <i>Nagaraja Padaki</i>
16:40 - 17:00	AKI in the Setting of Cancer <i>Mitchell Rosner</i>
17:00 - 17:20	Management of AKI Post Cardiac and Vascular Surgery: Highlights from ADQI 20 <i>Alex Zarbock</i>
17:20 - 17:30	Q&A
17:30 - 19:00	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;">Poster Walk About & Presentation</div> <div style="width: 45%;">Industry Booth Presentation</div> </div>
19:30 - 22:00	Faculty Dinner



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DAY 2: 13 OCTOBER 2019 (Sunday)

07:00 - 08:00

Congress Registration

Room/Hall

Continuum

Reflexion

07:30 - 08:30

Meet the Experts 1

How I Treat Septic Shock

Jean Louis Vincent and Patrick Honore

Chairperson: Soo Kun Lim

Meet the Experts 2

How do I Manage the Fluid Overloaded Patient?

John Kellum and Ling Zhang

Chairperson: Rosnawati Yahya

Room/Hall

Nexus 2 & 3

08:30 - 09:00

Plenary 2

Extracorporeal Organ Support (ECOS) for Multi Organ Failure and Sepsis

Claudio Ronco

Chairperson: Masaomi Nangaku

09:00 - 10:30

AKI CRRT Symposium 3

Controversies & Challenges in ICU Management

Chairpersons: Kent Doi & Manish Kaushik

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

Chairpersons: Alex Zarbock & Ravindran Visvanathan

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

Room/Hall

Nexus 2 & 3

12:30 - 14:00

Lunch Symposium Sponsored by Fresenius Medical Care

Modality Selection in CRRT with RCA

Manish Kaushik, Marlies Ostermann, Abdul Halim Abdul Gafor



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AKI CRRT Concurrent Workshops Session 3

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

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Room/Hall	Nexus 2 & 3
16:00 - 16:30	<p>Plenary 3: AKI in Children What Have We Learnt? <i>Rajit Basu</i> Chairperson: <i>Lim Yam Ngo</i></p>
16:30 - 18:10	<p>AKI CRRT Symposium 5 AKI in Asia Pacific Regions Chairpersons: <i>Marlies Ostermann & Kuo-Cheng Lu</i></p>
Room/Hall	Nexus 2 & 3
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)		
Room/Hall	Continuum	Reflexion
07:30 - 08:30	Meet the Experts 3 How I Manage Dysnatremias in the ICU <i>Qi Qian and Mitchell Rosner</i> Chairperson: Muhamad Iqbal	Meet the Experts 4 What Blood Pressure Do I Target in My ICU Patients? <i>Jean Louis Vincent and Marlies Ostermann</i> Chairperson: Ng Eng Khim
Room/Hall	Nexus 2 & 3	
08:30 - 09:00	Plenary 4 New Advances in the Treatment of Sepsis <i>Jean Louis Vincent</i> Chairperson: Hooi Lai Seong	
09:00 - 10:30	AKI CRRT Symposium 6 Economics and Burden of AKI Chairpersons: Kriengsak Varee Sangtip & Lily Mushahar	
Room/Hall	Nexus 2 & 3	
09:00 - 09:20	Economic Burden of AKI <i>Jorge Cerda</i>	
09:20 - 09:40	Risk Profiling for Community Acquired AKI <i>Etienne Macedo</i>	
09:40 - 10:00	Long Term Prognosis and Medical Treatment Following AKI <i>Vincent Wu</i>	
10:00 - 10:20	Current Utilization and Economics of CRRT in China <i>Xiao Yue</i>	
10:20 - 10:30	Q&A	
10:30 - 11:00	Coffee Break	
11:00 - 12:40	AKI CRRT Symposium 7 New Trials in AKI Chairpersons: John Kellum & Hooi Lai Seong	
Room/Hall	Nexus 2 & 3	
11:00 - 11:20	Reducing Intradialytic Hypotension: Colloids vs Crystalloids? <i>Etienne Macedo</i>	
11:20 - 11:40	Early vs Standard Initiation of RRT the FST Trial <i>Nattachai Srisawat</i>	
11:40 - 12:00	Timing of Dialysis: the STAART Trial <i>Marlies Ostermann</i>	
12:00 - 12:20	IV Fluid Resuscitation: The VOLUME-CHASER Study <i>Kianoush Kashani</i>	
12:20 - 12:40	ARDS Trials: An Update <i>Keith Wille</i>	
12:40 - 13:00	Closing Ceremony	
13:00 - 14:00	Lunch @ Grand Summit, the Vertical and Bon Voyage	

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PROGRAMME PRE-CONGRESS: FRIDAY (11 OCTOBER 2019)

07:00 - 08:00			Congress Registration		
08:00 - 10:00			Physicians Track		Nurses Track
			<i>Chairpersons: Nattachai Srisawat & Boon Cheak Bee</i>		<i>Chairpersons: Michelle Li Choo Ng & Fairol Huda Ibrahim</i>
Room/Hall	<i>Continuum & 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			Coffee Break		
10:30 - 12:30			Physicians Track		Nurses Track
			Interactive Sessions on CRRT		<i>Chairpersons: Theresa Mottes & Victoria Agnes Mary</i>
			<i>Moderators: Ching Yan Goh & Christopher Lim</i>		
Room/Hall	<i>Continuum & 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			Lunch		



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Physicians Track AKI in Sepsis <i>Chairpersons: Jorge Cerda & Kin Sing Fan</i>		Nurses Track Interactive Sessions on CRRT <i>Moderators: Shahnaz Shah & Esther Tan</i>
Room/Hall	Auditorium	Continuum & Reflexion
14:30 -16:30	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>	
16:50- 17:00	Q and A	Post Session Evaluation (16:30-17:00)
17:30 - 19:30 Reception and Poster Walk About & Presentation		