Introduction
Renal Replacement Therapies (RRT) are common and crucial to critically ill patients having severe acute kidney injury. Modes of RRT are different from those prescribed for patients with chronic kidney diseases. This one and half day programme consisting of lectures and workshops is organized for all interested healthcare professionals to update their knowledge in this field.

Organizer
Department of Intensive Care, Pamela Youde Nethersole Eastern Hospital

Objectives
To provide updated knowledge on critical care nephrology
To demonstrate the operation of different RRT equipments/consumables used for different modes of therapy

Lecturers / Facilitators
Medical and nursing experts in Intensive Care and Renal specialties from various centres

Target Participants
Doctors, nurses and allied health professionals who are interested in Critical Care Nephrology
Priority will be given to health care professionals who are working in Intensive Care Units, Coronary Care Units, Renal Units or other critical care wards.

Capacity
100 (Lecture)
80 (Lecture + Workshop)

Course Design
One day lecture (6 hours)
Half day workshop (3 hours)

Date & Time
Lecture 20th April 2018 (Friday), 0830-1705
Workshop 26th April 2018 (Thursday), 0830-1200
26th April 2018 (Thursday), 1330-1700

Venue
Lecture and Workshop:
Ground Floor, HKEC Training Centre for Clinical Technology & Healthcare Management,
Pamela Youde Nethersole Eastern Hospital, 3 Lok Man Road, Chai Wan, Hong Kong

Language
English supplemented by Cantonese

Certificate of Attendance and the point of:
CME, CNE, CPD: Pending to be accredited

Course Fee (included: handout, lunch on 20th April 2018 and light refreshment)

Early Bird: on or before 15th March 2018
HKD $2,500 (Full course: lecture and workshop)
HKD $1,800 (Lecture only)

After 15th March 2018
HKD $2,800 (Full course: lecture and workshop)
HKD $2,100 (Lecture only)

Active members of Hong Kong Society of Critical Care Medicine may apply for CCMF subsidy. Please visit www.hksccm.org

Application (Application is not transferable)
On-line registration:
1. Please complete the application form at: www.hksccm.org (search: CCNC14)
2. Cheque payable to “Hospital Authority” and send it to the following address:
   Department of Intensive Care, Room 75, 2/F, Main Block,
Pamela Youde Nethersole Eastern Hospital,
3 Lok Man Road, Chai Wan, Hong Kong
3. Write down your: Name, Reference no. and Contact no. at the back of your cheque.

Cancellation
All cancellation must be sent to Ms Candice Law (LAWWHC@HA.ORG.HK) (Ref: Critical Care Nephrology Course)
50% refund for cancellation on or before 15th March 2018
No refund for cancellation after 15th March 2018

Enquiry: Ms Candice Law Tel: 2595 6488 Fax: 2595 6499 Email: Lawwhc@ha.org.hk (Ref: Critical Care Nephrology Course)
Organizer
Department of Intensive Care (ICU), Pamela Youde Nethersole Eastern Hospital (PYNEH)

Course Directors
Dr. Shum Hoi Ping (Specialist in Nephrology, Association Consultant (AC), ICU, PYNEH)
Dr. So Hang Mui [Nurse Consultant (NC) (Intensive Care), Hong Kong East Cluster (HKEC)]

Faculty
Dr. Yan Wing Wa [Specialist in Critical Care Medicine, Chief of Service (COS), ICU, PYNEH]
Dr. Chan King Chung, Kenny [Specialist in Intensive Care Medicine, Deputy COS, Department of Anaesthesia & Intensive Care (A&ICU), Tuen Mun Hospital (TMH)]
Dr. Shum Hoi Ping (Specialist in Nephrology, AC, ICU, PYNEH)
Dr. Kwan Ming Chit [Specialist in Critical Care Medicine, AC, ICU, Princess Margaret Hospital (PMH)]
Ms. Eva Kwan (Department Operations Manager, ICU, PYNEH)
Dr. So Hang Mui [NC (Intensive Care), HKEC]
Ms. Lau Lan (Ward Manager, ICU, PYNEH)
Ms. Li Siu Chun [Advanced Practice Nurse (APN), ICU, PYNEH]

Speakers
Dr. Yan Wing Wa (Specialist in Critical Care Medicine, COS, ICU, PYNEH)
Dr. Shum Hoi Ping (Specialist in Nephrology, AC, ICU, PYNEH)
Dr. So Hang Mui [NC (Intensive Care), HKEC]

Guest Speakers
Dr. Chan King Chung, Kenny (Specialist in Intensive Care Medicine, Deputy COS, A&IC, TMH)
Dr. Kwan Ming Chit (Specialist in Critical Care Medicine, AC, ICU, PMH)
Dr. Lai Wai Ming [Specialist in Paediatrics, Consultant, Department of Paediatrics and Adolescent Medicine (P&AM), PMH]
Dr. Leung Kit Hung, Anne [Specialist in Anaesthesiology, COS, ICU, Queen Elizabeth Hospital (QEH)]
Dr. So Sheung On [Specialist in Critical Care Medicine, Deputy COS, ICU, Alice Ho Miu Ling Nethersole Hospital (AHNH)]
Dr. Tong Chak Kwan [Specialist in Critical Care Medicine, Consultant, ICU, The University of Hong Kong-Shenzhen Hospital (HKU-SZH)]

Workshop Facilitators
Dr. Yan Wing Wa (Specialist in Critical Care Medicine, COS, ICU, PYNEH)
Dr. Chan King Chung, Kenny (Specialist in Intensive Care Medicine, Deputy COS, A&IC, TMH)
Dr. Leung Kit Hung, Anne (Specialist in Anaesthesiology, COS, ICU, QEH)
Dr. So Sheung On (Specialist in Critical Care Medicine, Deputy COS, ICU, AHNH)
Dr. Shum Hoi Ping (Specialist in Nephrology, AC, ICU, PYNEH)
Dr. Kwan Ming Chit (Specialist in Critical Care Medicine, AC, ICU, PMH)
Dr. So Hang Mui [NC (Intensive Care), HKEC]
Ms. Chau Lai Sheung [NC (Intensive Care), NTWC]
Ms. Wong Hoi Yan (APN, ICU, PYNEH)
Mr. Lai Siu Cheong (Renal Nurse, ICU, PYNEH)
Ms. Wong Chun Fai (Renal Nurse, ICU, PYNEH)
Ms. Yiu Man Ching (Renal Nurse, ICU, PYNEH)

Workshop Observers
Dr. Tong Chak Kwan (Specialist in Critical Care Medicine, Consultant, ICU, HKU-SZH)
Dr. Kong Hoi Yan, Harriet (Resident, ICU, PYNEH)

Administrative Support
Ms. Candice Law Wai Han, ICU, PYNEH
(Faculty)
# LECTURE Programme:
## 20th April 2018 (Friday)

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<th>Topics</th>
<th>Speakers</th>
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<td>0830-0900</td>
<td>Registration</td>
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<td>0900-0915</td>
<td>Opening Ceremony</td>
<td>Dr HP SHUM AC ICU PYNEH</td>
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<tr>
<td>0915-0945</td>
<td>Applied Anatomy and Physiology of Human Renal System</td>
<td>Dr KC CHAN Deputy COS A&amp;IC TMH</td>
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<tr>
<td>0945-1015</td>
<td>Physical Principles of Renal Replacement Therapy (RRT)</td>
<td>Dr KC CHAN Deputy COSA&amp;IC TMH</td>
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<td>1015-1030</td>
<td><strong>Tea Break</strong></td>
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<tr>
<td>1030-1100</td>
<td>RRT for Acute Kidney Injury (AKI) – Time, Mode and Dose</td>
<td>Dr SO SO Deputy COS ICU AHNH</td>
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<td>1100-1130</td>
<td>Haemodialysis Catheter and Related Nursing Care</td>
<td>Dr HM SO NC(IC) HKEC</td>
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<td>1130-1200</td>
<td>Haemofilters and Dialysers for RRT</td>
<td>Dr Anne LEUNG COS ICU QEH</td>
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<td>1200-1315</td>
<td><strong>Lunch (included)</strong></td>
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<tr>
<td>1315-1345</td>
<td>Composition of Replacement Solution and Dialysate Used in RRT</td>
<td>Dr Anne LEUNG COS ICU QEH</td>
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<td>1345-1415</td>
<td>AKI in Clinical Practice</td>
<td>Dr CK Tong Consultant ICU HKU-SZH</td>
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<td>1415-1435</td>
<td>Anticoagulation in RRT</td>
<td>Dr HP SHUM AC ICU PYNEH</td>
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<td>1435-1450</td>
<td><strong>Tea Break</strong></td>
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<td>1450-1520</td>
<td>Continuous RRT in Paediatrics and Newborn</td>
<td>Dr WM LAI Consultant P&amp;AM PMH</td>
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<td>1520-1545</td>
<td>Drug dosage adjustment during Continuous Renal Replacement Therapy (CRRT)</td>
<td>Dr WW YAN COS ICU PYNEH</td>
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<td>1545-1610</td>
<td>Blood Purification</td>
<td>Dr HP Shum AC ICU PYNEH</td>
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<tr>
<td>1610-1645</td>
<td>Interesting Scenarios Presentation</td>
<td>Dr MC Kwan AC ICU PMH</td>
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<td>1645-1700</td>
<td>Online Haemofiltration and Haemodiafiltration</td>
<td>Dr HP Shum AC ICU PYNEH</td>
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<td>1700-1705</td>
<td>Closing ceremony</td>
<td>Dr HP Shum AC ICU PYNEH</td>
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**Venue:**
Lecture Theatre, Ground Floor,
HKEC Training Centre for Clinical Technology & Healthcare Management,
Pamela Youde Nethersole Eastern Hospital, 3 Lok Man Road, Chai Wan, Hong Kong

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## WORKSHOP Programme:

### Date & Time:

- 2 identical sessions for Nurses and Allied Health Professionals:
  - 26th April 2018 (Thursday), AM session: 0830-1200
  - 26th April 2018 (Thursday), PM session: 1330-1700

- Doctors’ workshop will be held on 26th April 2018 (Thursday), pm (1330-1700)

### Venue:

Seminar Room 1 to 4, Ground Floor, HKEC Training Centre for Clinical Technology & Healthcare Management, Pamela Youde Nethersole Eastern Hospital, 3 Lok Man Road, Chai Wan, Hong Kong

### Programme:

Each participant will attend 4 stations

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<tr>
<th>Station</th>
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<tr>
<td>A</td>
<td>Renal Replacement Therapy (RRT) in ICU I&lt;br&gt;Contents include:&lt;br&gt;1. Introduction on the use of the types of the Continuous Renal Replacement Therapy (CRRT) / Intermittent Renal Replacement Therapy (IRRT)&lt;br&gt;2. Case scenario discussion</td>
<td>Ms Wong Chun Fai&lt;br&gt;Renal Nurse ICU PYNEH</td>
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<td>B</td>
<td>Types of Haemodialysers, Haemofilters and Haemocatheters&lt;br&gt;Contents include:&lt;br&gt;1. Introduce the specification and use of different haemodialysers / haemofilters&lt;br&gt;2. Introduce the characteristics and use of different Haemocatheters&lt;br&gt;3. Display samples of different types of haemodialysers / haemofilters, and haemocatheters</td>
<td>Ms Yiu Man Ching&lt;br&gt;Renal Nurse ICU PYNEH</td>
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<td>C</td>
<td>Tea Break (15 mins.)</td>
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<td>D</td>
<td>Renal Replacement Therapy (RRT) in ICU II&lt;br&gt;Contents include:&lt;br&gt;1. CRRT tips and tricks&lt;br&gt;2. Case scenario discussion</td>
<td>Ms Chau Lai Sheung and Mr Lai Siu Cheong&lt;br&gt;NC (IC) NTWC and Renal Nurse ICU PYNEH</td>
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<td>E</td>
<td>Renal Replacement Therapy (RRT) in ICU III&lt;br&gt;Contents include:&lt;br&gt;1. Citrate and CRRT&lt;br&gt;2. Case scenario discussion</td>
<td>Ms Wong Hoi Yan&lt;br&gt;Renal Nurse ICU PYNEH</td>
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<td>F</td>
<td>Final wrap up and presentation of certificates (15 mins)</td>
<td>Dr SHUM Hoi Ping&lt;br&gt;AC ICU PYNEH</td>
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### Doctors’ Workshop

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<tr>
<td>E</td>
<td>Doctors’ Workshop&lt;br&gt;Content include:&lt;br&gt;Prescriptions in Renal Replacement Therapy&lt;br&gt;How to setup a regime using regional citrate anticoagulation?&lt;br&gt;How to measure dose of CRRT and SLED?&lt;br&gt;Blood purification techniques</td>
<td>Dr SHUM Hoi Ping&lt;br&gt;AC ICU PYNEH</td>
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