

# 16<sup>th</sup> Critical Care Nephrology Course for Health Care Professionals (April 2019)

## 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,

## Maximum Capacity

100 (Lecture)  
80 (Lecture + Workshop)

## Course Design

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

## Date & Time

Lecture **26<sup>th</sup> March 2019 (Tuesday), 0830-1705**  
Workshop **12<sup>th</sup> April 2019 (Friday), 0830-1200 or 12<sup>th</sup> April 2019 (Friday), 1330-1700 (AM/PM session identical)**

**Participants can join either the**

**Basic Workshop** (appropriate for nurses and allied health professionals with limited knowledge or experience on renal replacement therapy) OR

**Advanced Workshop** (appropriate for doctors, nurses and allied health with special interest on renal replacement therapy),

**Basic workshop consist of station A, B, C and D (total 3 hours).**

**Advanced workshop consist of station A, B and E (total 3 hours)**

## 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

## Award & CNE, CME, CPD points

Certificate of Attendance will be issued to participants who have attended the course

## Certificate of Attendance and the point of:

CME, CNE, CPD: Pending to be accredited

## Course Fee (included: handout, lunch on 26<sup>th</sup> March 2019 and light refreshment)

### Early Bird: on or before 15<sup>th</sup> March 2019

HKD \$2,600 (Full course: lecture and workshop)

HKD \$1,900 (Lecture only)

### After 15<sup>th</sup> March 2019

HKD \$2,900 (Full course: lecture and workshop)

HKD \$2,200 (Lecture only)

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

<http://www30.ha.org.hk/hkectc/eform/CCNC16>

## Application (*Application is not transferable*)

On-line registration:

Please complete the application form at: <http://www30.ha.org.hk/hkectc/eform/CCNC16>

1. 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**
2. 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](mailto:LAWWHC@HA.ORG.HK)) (Ref: Critical Care Nephrology Course)

**50% refund** for cancellation on or before 15<sup>th</sup> March 2019

**No refund** for cancellation after 15<sup>th</sup> March 2019

Enquiry: Ms Candice Law Tel: 2595 6488 Fax: 2595 6499 Email: [Lawwhc@ha.org.hk](mailto:Lawwhc@ha.org.hk) (Ref: Critical Care Nephrology Course)

(Cover)

# 16<sup>th</sup> Critical Care Nephrology Course for Health Care Professionals (April 2019)

## Organizer

Department of Intensive Care (ICU), Pamela Youde Nethersole Eastern Hospital (PYNEH)

## Course Directors

Dr. Shum Hoi Ping (Specialist in Critical Care Medicine, Consultant, 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(TM)]

Dr. Shum Hoi Ping (Specialist in Critical Care Medicine, Consultant, ICU, PYNEH)

Dr. Kwan Ming Chit [Specialist in Critical Care Medicine, Associate Consultant (AC), ICU, TMH]

Ms. Eva Kwan (Department Operations Manager, ICU, PYNEH)

Dr. So Hang Mui [NC (Intensive Care), HKEC]

Ms. Lee Chun Heung (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, Consultant, 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, TMH)

Dr. Lai Wai Ming [Specialist in Paediatrics, Consultant, Department of Paediatrics and Adolescent Medicine (P&AM), Princess Margaret Hospital (PMH)/ Service Head (Paed Nephrology), Hong Kong Children's Hospital (HKCH)]

Dr. Leung Kit Hung, Anne [Specialist in Anaesthesiology, COS, ICU, Queen Elizabeth Hospital (QEH)]

Dr. So Sheung On [Specialist in Critical Care Medicine, Consultant, ICU, QEH]

Dr. Tong Chak Kwan [Specialist in Critical Care Medicine, Clinical Associate Professor, Department of Anaesthesiology (The University of Hong Kong)]

## Workshop Facilitators

Dr. Yan Wing Wa (Specialist in Critical Care Medicine, COS, ICU, PYNEH)

Dr. Chan King Chung, Kenny (Specialist in Intensive Care, Deputy COS, A&IC, TMH)

Dr. Shum Hoi Ping (Specialist in Critical Care Medicine, Consultant, ICU, PYNEH)

Dr. Tong Chak Kwan [Specialist in Critical Care Medicine, Clinical Associate Professor, Dept. of Anaes. (HKU)]

Dr. Kwan Ming Chit (Specialist in Critical Care Medicine, AC, ICU, TMH)

Dr. So Hang Mui [NC (Intensive Care), HKEC]

Ms. Wong Chun Fai (Renal Nurse, ICU, PYNEH)

Ms. Lo Wan Po (APN, ICU, PYNEH)

Ms. Hon Hui Shan (Renal Nurse, ICU, PYNEH)

Ms. Chun Yuen Kwan, Emily (APN Nurse, ICU, PYNEH)

## Administrative Support

Ms. Candice Law Wai Han, ICU, PYNEH

(Faculty)

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## LECTURE Programme:

26<sup>th</sup> March 2019 (Tuesday)

Time	Topics	Speakers	
<i>0830-0900 Registration</i>			
0900-0915	Opening Ceremony	Dr HP Shum	Consultant ICU PYNEH
0915-0945	Applied Anatomy and Physiology of Human Renal System	Dr KC Chan	Deputy COS A&IC TMH
0945-1015	Physical Principles of Renal Replacement Therapy (RRT)	Dr KC Chan	Deputy COS A&IC TMH
<i>1015-1030 Tea Break</i>			
1030-1100	RRT for Acute Kidney Injury (AKI) – Time, Mode and Dose	Dr SO So	Consultant ICU QEH
1100-1130	Haemodialysis Catheter and Related Nursing Care	Dr HM So	NC(IC) HKEC
1130-1200	AKI in Clinical Practice	Dr CK Tong	Clinical Associate Professor, Dept. of Anaes. (HKU)
<i>1200-1315 Lunch (included)</i>			
1315-1345	Composition of Replacement Solution and Dialysate Used in RRT	Dr Anne Leung	COS ICU QEH
1345-1415	Haemofilters and Dialysers for RRT	Dr Anne Leung	COS ICU QEH
1415-1435	Anticoagulation in RRT	Dr HP Shum	Consultant ICU PYNEH
<i>1435-1450 Tea Break</i>			
1450-1520	Continuous RRT in Paediatrics and Newborn	Dr WM Lai	Consultant P&AM PMH / Service Head (Paed Nephrology), HKCH
1520-1545	Drug dosage adjustment during Continuous Renal Replacement Therapy (CRRT)	Dr WW Yan	COS ICU PYNEH
1545-1610	Blood Purification	Dr HP Shum	Consultant ICU PYNEH
1610-1645	Interesting Scenarios Presentation	Dr MC Kwan	AC ICU TMH
1645-1700	Online Haemofiltration and Haemodiafiltration	Dr HP Shum	Consultant ICU PYNEH
1700-1705	Closing ceremony	Dr HP Shum	Consultant ICU PYNEH

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:

Identical sessions for *Basic and Advanced Workshop*;

12<sup>th</sup> April 2019 (Friday), AM session: 0830-1200

12<sup>th</sup> April 2019 (Friday), PM session: 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

12 <sup>th</sup> April 2019 (Friday) AM and PM			
	<p>Workshops on Renal Replacement Therapies Capacity: 40 participants per workshop (first come first serve)</p> <p>Four stations per workshop (identical stations for AM and PM sessions) <b>45 mins for each station</b></p>	<b>Facilitators</b>	
<b>A</b>	<p style="text-align: right;"><b><u>(Basic / Advanced Workshop)</u></b></p> <p><b>Renal Replacement Therapy (RRT) in ICU I</b> Contents include:</p> <ol style="list-style-type: none"> <li>Introduction on the use of the types of the Continuous Renal Replacement Therapy (CRRT) / Intermittent Renal Replacement Therapy (IRRT)</li> <li>Case scenario discussion</li> </ol>	Ms Wong Chun Fai	Renal Nurse ICU PYNEH
<b>B</b>	<p style="text-align: right;"><b><u>(Basic / Advanced Workshop)</u></b></p> <p><b>Types of Haemodialysers, Haemofilters and Haemocatheters</b> Contents include:</p> <ol style="list-style-type: none"> <li>Introduce the specification and use of different haemodialysers / haemofilters</li> <li>Introduce the characteristics and use of different Haemocatheters</li> <li>Display samples of different types of haemodialysers / haemofilters, and haemocatheters</li> <li>Blood purification techniques</li> </ol>	Ms Emily Chun	APN ICU PYNEH
<i>Tea Break (15 mins.)</i>			
<b>C</b>	<p style="text-align: right;"><b><u>(Basic Workshop)</u></b></p> <p><b>Renal Replacement Therapy (RRT) in ICU II</b> Contents include:</p> <ol style="list-style-type: none"> <li>Citrate and CRRT</li> <li>Case scenario discussion</li> </ol>	Ms Hon Hui Shan	Renal Nurse ICU PYNEH
<b>D</b>	<p style="text-align: right;"><b><u>(Basic Workshop)</u></b></p> <p><u>Content include:</u> Hand-on practice on Renal Replacement Therapy Safety measures on the CRRT machine Troubleshooting and alarm handling</p>	Dr So Hang Mui and Ms Lo Wan Po	NC (ICU) HKEC and APN ICU PYNEH
<b>E</b>	<p style="text-align: right;"><b><u>(Advanced Workshop)</u></b></p> <p><u>Content include:</u> Prescriptions in Renal Replacement Therapy How to setup a regime using regional citrate anticoagulation? How to measure dose of CRRT and SLED?</p>	Dr Shum Hoi Ping	Con ICU PYNEH
	<i>Final wrap up and presentation of certificates (15 mins)</i>	Dr Shum Hoi Ping	Con ICU PYNEH