

# 4<sup>th</sup> Critical Care Nephrology Course for Health Care Professionals (May 2010)

## Introduction

Renal Replacement Therapies (RRT) are common and crucial to critically ill patients having acute renal failure. Modes of RRT are different from those prescribed for chronic renal failure patients. The one and half day programme consisting of lectures and workshops will provide updated knowledge for the management of acute renal failure patients in Intensive Care Unit.

## 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 equipment used for different modes of therapy

## Lecturers / Facilitators

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

## Target Participants

Nurse, Doctors 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 Unit, Coronary Care Unit and Renal Unit of HA / private hospitals

## Capacity

- 100 (Lecture)
- 80 (Workshop)

## Course Design

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

## Date & Time

### Lecture

4<sup>th</sup> May 2010 (Tuesday), 0830-1700

### Workshop (2 identical sessions for Allied Health Professionals and Nurses)

6<sup>th</sup> May 2010 (Thursday), 0830-1200

6<sup>th</sup> May 2010 (Thursday), 1330-1700

**Early Bird:**  
before **8<sup>th</sup> March 2010**

## Venue

**Lecture:** 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

**Workshop:** G6 Ward, 6/F, East Block, Pamela Youde Nethersole Eastern Hospital

## Language

English supplemented by Cantonese

## Award & CNE, CME points

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

Lecture only: 6 CNE points

Lecture and Workshop: 9 CNE points

CME points pending

## Course Fee (included: handout, lunch on 4<sup>th</sup> May 2010 and light refreshment)

### Early Bird: From Now to 8<sup>th</sup> March 2010

HK \$1,500 (Full course: lecture and workshop)

HK \$1,000 (Lecture only)

### After 8<sup>th</sup> March 2010

HK \$1,800 (Full course: lecture and workshop)

HK \$1,200 (Lecture only)

## Application

On line registration: Please complete the application form in: [www.hkscm.org](http://www.hkscm.org) then print out the completed form with a cheque payable to "Hospital Authority" and send 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**

Application is not transferable.

## Cancellation

**All cancellation must be email** to Ms Candice Law ([LAWWHC@HA.ORG.HK](mailto:LAWWHC@HA.ORG.HK)) (Ref: Critical Care Nephrology Course)

**50% refund** for notification on or before 8<sup>th</sup> March 2010

**No refund** for cancellation after 8<sup>th</sup> March 2010

# 4<sup>th</sup> Critical Care Nephrology Course for Health Care Professionals (May 2010)

## Organizer

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

## Course Director

Dr. Yan Wing Wa (ICU Director, PYNEH)

## Faculty

Dr. Yan Wing Wa (Specialist in Critical Care Medicine, ICU Director, PYNEH)  
Dr. Lau Chun Wing (Specialist in Respiratory Medicine, Associate Consultant, ICU, PYNEH)  
Dr. Chan King Chung, Kenny (Specialist in Intensive Care, Associate Consultant, ICU, PYNEH)  
Dr. Chan Kin Wai (Specialist in Anaesthesiology, Associate Consultant, ICU, PYNEH)  
Dr. Shum Hoi Ping (Specialist in Nephrology, Associate Consultant, ICU, PYNEH)  
Ms. Christine Chan (Department Operations Manager, Anaesthesia & ICU, PYNEH)  
Ms. Nora Kwok (Ward Manager, ICU, PYNEH)  
Ms. So Hang Mui (Nurse Specialist, ICU, PYNEH)  
Ms. Eva Kwan (Nursing Officer, ICU, PYNEH)  
Ms. Fok See Kee (Advanced Practice Nurse, ICU, PYNEH)  
Ms. Carmen Lee (Advanced Practice Nurse, ICU, PYNEH)  
Ms. Chiu Mei Chun (Advanced Practice Nurse, ICU, PYNEH)  
Ms. Li Siu Chun (Renal Nurse, ICU, PYNEH)  
Ms. Lui Wai King (Renal Nurse, ICU, PYNEH)

## Speakers

Dr. Yan Wing Wa (Specialist in Critical Care Medicine, ICU Director, PYNEH)  
Dr. Chan King Chung, Kenny (Specialist in Intensive Care, Associate Consultant, ICU, PYNEH)  
Dr. Chan Kin Wai (Specialist in Anaesthesiology, Associate Consultant, ICU, PYNEH)  
Dr. Shum Hoi Ping (Specialist in Nephrology, Associate Consultant, ICU, PYNEH)  
Ms. So Hang Mui (Nurse Specialist, ICU, PYNEH)

## Guest Speakers

Dr. So Hing Yu (Specialist in Intensive Care, ICU Director, Prince of Wales Hospital)  
Dr. Leung Kit Hung, Anne (Specialist in Anaesthesiology, Consultant, Department of Anaesthesia & OTS, Queen Elizabeth Hospital)  
Dr. So Sheung On (Specialist in Critical Care Medicine, Senior Medical Officer, ICU, Kwong Wah Hospital)  
Dr. Chow Chik Cheung, Vincent (Specialist in Nephrology, Associate Consultant, Medicine, PYNEH)

## Workshop Facilitators

Dr. Yan Wing Wa (Specialist in Critical Care Medicine, ICU Director, PYNEH)  
Dr. Chan King Chung, Kenny (Specialist in Intensive Care, Associate Consultant, ICU, PYNEH)  
Dr. Chan Kin Wai (Specialist in Anaesthesiology, Associate Consultant, ICU, PYNEH)  
Dr. Shum Hoi Ping (Specialist in Nephrology, Associate Consultant, ICU, PYNEH)  
Ms. So Hang Mui (Nurse Specialist, ICU, PYNEH)  
Ms. Eva Kwan (Nursing Officer, ICU, PYNEH)  
Ms. Carmen Lee (Advanced Practice Nurse, ICU, PYNEH)  
Ms. Chiu Mei Chun (Advanced Practice Nurse, ICU, PYNEH)  
Ms. Lui Wai King (Renal Nurse, ICU, PYNEH)

## Administrative Support

Ms. Candice Law Wai Han

# 4<sup>th</sup> Critical Care Nephrology Course for Health Care Professionals (May 2010)

## LECTURE Programme:

4<sup>th</sup> May 2010 (Tuesday)

| Time                       | Topics                                                                                                                                                            | Speakers      |                      |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------------------|
| 0830-0850 Registration     |                                                                                                                                                                   |               |                      |
| 0850-0900                  | Opening Ceremony                                                                                                                                                  | Dr WW YAN     | ICU Director PYNEH   |
| 0900-0940                  | Applied Anatomy and Physiology of Human Renal System and Difference in pathophysiology of Acute Renal Failure and End Stage Renal Failure                         | Dr HY SO      | ICU Director PWH     |
| 0940-1000                  | Vascular Access for Renal Replacement Therapy (RRT)                                                                                                               | D CC CHOW     | AC Medicine PYNEH    |
| 1000-1030                  | Physical Principles of RRT                                                                                                                                        | Dr KC CHAN    | AC ICU PYNEH         |
| 1030-1100 Tea Break        |                                                                                                                                                                   |               |                      |
| 1100-1130                  | Types of RRT for Acute Renal Failure                                                                                                                              | Dr SO SO      | SMO ICU KWH          |
| 1130-1200                  | Haemodialysis Catheter and Related Nursing Care                                                                                                                   | Ms HM SO      | NS ICU PYNEH         |
| 1200-1230                  | Interesting Scenarios Presentation I                                                                                                                              | Dr KW CHAN    | AC ICU PYNEH         |
| 1230-1330 Lunch (included) |                                                                                                                                                                   |               |                      |
| 1330-1400                  | Haemofilters and Dialysers for RRT                                                                                                                                | Dr Anne LEUNG | CONS Anaes &OTS QEHE |
| 1400-1430                  | Composition of Replacement Solution and Dialysate Used in RRT                                                                                                     | Dr Anne LEUNG | CONS Anaes &OTS QEHE |
| 1430-1500                  | Anticoagulation in RRT                                                                                                                                            | Dr HP SHUM    | AC ICU PYNEH         |
| 1500-1530 Tea Break        |                                                                                                                                                                   |               |                      |
| 1530-1600                  | High Volume Haemofiltration; Coupled Plasma Filtration Adsorption; Molecular Adsorbents Recirculating System, Plasmaphoresis, Extracorporeal Membrane Oxygenation | Dr WW YAN     | ICU Director PYNEH   |
| 1600-1630                  | Online Haemofiltration and Haemodiafiltration                                                                                                                     | Dr HP SHUM    | AC ICU PYNEH         |
| 1630-1700                  | Interesting Scenarios Presentation II                                                                                                                             | Dr KC CHAN    | AC 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

(Programme List Lecture)

# 4<sup>th</sup> Critical Care Nephrology Course for Health Care Professionals (May 2010)

## WORKSHOP Programme:

2 identical sessions for Allied Health Professionals and Nurses

6<sup>th</sup> May 2010 (Thursday), AM session: 0830-1200

6<sup>th</sup> May 2010 (Thursday), PM session: 1330-1700

| Each participant will attend 4 stations |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                               |
|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|
|                                         | <p>Workshops on Renal Replacement Therapies<br/>Capacity: 40 participants per workshop (first come first serve)</p> <p>Four stations per workshop (identical stations for AM and PM sessions)<br/><b>45 min for each station</b></p>                                                                                                                                                                                                                                                                    | Facilitators                                                  |
| <b>A</b>                                | <p><b>Introduction on Continuous Renal Replacement Therapy (CRRT) / Intermittent Renal Replacement Therapy (IRRT)</b><br/><u>Contents include:</u></p> <ol style="list-style-type: none"> <li>1. Explain types of CRRT and IRRT</li> <li>2. Introduce the use of different machines for CRRT/IRRT</li> <li>3. Demonstrate the extra-corporeal circuit for CRRT/IRRT therapies</li> <li>4. Highlight key nursing issues</li> </ol>                                                                       | <p>Ms Chiu Mei Chun      APN ICU<br/>PYNEH</p>                |
| <b>B</b>                                | <p><b>Types of Haemodialysers, Haemfilters and Haemocatheters</b><br/><u>Contents include:</u></p> <ol style="list-style-type: none"> <li>1. Introduce the specification and use of different haemodialysers / haemofilters</li> <li>2. Introduce the characteristics and use of different Haemocatheters</li> <li>3. Display samples of different types of haemodialysers/ haemofilters, and haemocatheters</li> </ol>                                                                                 | <p>Ms Lee Chun Heung      APN ICU<br/>PYNEH</p>               |
| <b>1000-1015</b>                        | Tea Break                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                               |
| <b>C</b>                                | <p><b>Demonstration on CRRT circuit and Related Trouble-Shooting Techniques</b><br/><u>Contents include:</u></p> <ol style="list-style-type: none"> <li>1. Demonstrate the extra-corporeal circuits and operation for CRRT on selected CRRT machine</li> <li>2. Demonstrate the related trouble-shooting techniques</li> <li>3. Introduce different regimens for CRRT</li> </ol>                                                                                                                        | <p>Ms Eva Kwan      NO ICU<br/>PYNEH</p>                      |
| <b>D</b>                                | <p><b>Practical Issues for On-line Haemofiltration (HF) / Haemodiafiltration (HDF)</b><br/><u>Contents include:</u></p> <ol style="list-style-type: none"> <li>1. Introduce the process for preparation of ultrapure water for On-line HF/HDF</li> <li>2. Discuss the microbiology and endotoxin control for the On-line replacement fluid</li> <li>3. Demonstrate the extra-corporeal circuits and operation for On-line HF/HDF</li> <li>4. Discuss the related trouble-shooting techniques</li> </ol> | <p>Ms Lui Wai King      Renal<br/>Nurse<br/>ICU<br/>PYNEH</p> |
| <b>1145-1200</b>                        | Final wrap up and presentation of certificates                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Dr Yan Wing Wa                                                |

Venue:

G6 ward, 6/F, East Block, Pamela Youde Nethersole Eastern Hospital

(Programme List: Workshop)