

## Critical Care Academic Half Day Seminar Series

### **Topic: Managing Renal Dysfunction**

#### **Royal College Objectives:**

The adult critical care medicine resident must be able to:

- recognize the problem of a patient with oliguria or evidence of advancing or established renal failure,
- provide for precise diagnosis, stitute measures to preserve remaining renal function, and adequate supportive measures, and appropriate therapy.

Demonstrate knowledge of:

- the pathophysiology and management, both medical and surgical, of acute renal failure (pre-renal, renal and post-renal failure)
- pharmacodynamics and nephrotoxins
- perioperative issues, pharmacological management, and potential complications in the renal transplant patient

| TOPIC                           |
|---------------------------------|
| <i>Renal Physiology Part I</i>  |
| <i>Renal Physiology Part II</i> |
| ▪ Renal Recovery                |
| <i>CRRT</i>                     |
| ▪ PD Emergencies                |
| <i>Acute Renal Failure</i>      |
| ▪ Hemodialysis in the ICU       |