**Regional teaching in ICM for ACCS trainees- 11/10/2022 09:00-13:00h**

**A patient is coming to ICU. What should I do?**

Three Interactive sessions about the application of the current guidelines and recommendations of managing ICU patients in the clinical practice.

**Before the regional teaching, the learners are expected to review the following e- modules on Bridge:  
  
  
JVF ICU Teaching programme**:

Sepsis and infection

Advanced cardiovascular support and monitoring

Sedation and analgesia in ICU

Non-invasive respiratory support

Invasive Mechanical Ventilation

ARDS

Acute kidney injury

Renal Replacement Therapy

Good housekeeping

**Regional teaching day program:**

**09:00 - 09:10** Introduction

**09:10 -10:10** Clinical case of a patient with sepsis

**Objectives:**

To define Sepsis and describe the management guidelines

To outline and compare the main vasopressors and inotropic agents

To explain the principles of basic and advanced haemodynamic monitoring

**10:10-10:20** Break

**10:20-11:20** Clinical case of a patient requiring non-invasive and subsequent invasive ventilation

**Objectives:**

To explain the principles of work of HNFO, CPAP, BIPAP.

To list the criteria for intubation.

To compare the basic ventillatory modes.

To define ARDS and the principles of protective ventilation. Rational behind prone position.

**11:20 -11:30** Break

**11:30-12:30 Case of AKI and Renal replacement therapy**

**Objectives:**

To define AKI and to indicate the criteria and timing for renal replacement therapy.

To describe the basic principles of RRT - filtration, dialysis, anticoagulation, complications.

To compare sedation, analgesia and muscle relaxant agents and indicate their choice in different patient groups.

To describe the Basic principles of weaning of mechanical ventilation.

**12:30** -**12:45** interactive session.

**12:45** – Closure.