

## DIAGNOSTIC AND THERAPEUTIC PROCEDURES IN CRITICAL CARE PATIENTS

### LEARNING OUTCOMES

#### KNOWLEDGE

- KNOWLEDGE FOR ASSESSING AND TREATING PATIENTS
- KNOWLEDGE OF MONITORING MEDICAL EQUIPMENT
- KNOWLEDGE OF THE PROCEDURES USED IN CRITICAL CARE
- ACQUISITION OF PHYSICAL AND FUNCTIONAL CHARACTERISTICS OF A HEALTHY PATIENT TO DISTINGUISH HIM FROM THE SICK ONE

#### SKILLS

- PERFORMING BASIC AND ADVANCED DIAGNOSTIC AND THERAPEUTIC MANEUVERS IN CRITICAL CARE
- FORMULATING A POSITIVE DIAGNOSIS IN PEDIATRICS AND NEONATOLOGY
- DEVELOPMENT OF A TREATMENT PLAN INDIVIDUALIZED FOR THE PATIENT
- PRESENTATION OF A CLINICAL CASE IN CRITICAL CARE
- HELPING PATIENTS MAKE INFORMED DECISIONS ABOUT THEIR HEALTH

#### COMPETENCES

- ACQUISITION OF ORAL AND WRITTEN COMMUNICATION SKILLS WITH PATIENTS
- ACHIEVING A WORK / PROJECT, PERFORMING SPECIFIC TASKS RESPONSIBLY IN A TEAM ROLE
- APPLYING THE PRINCIPLES OF ETHICS AND PROFESSIONAL ETHICS IN THE FIELD

### ECTS CREDITS

3 ECTS

<b>Practical activities</b>	<b>Teaching Methodology</b>	<b>Number of hours</b>
Assessing and treating patients: taking vital signs, dressing wounds, monitoring a patient's progress and reporting back to the physician.	Practical demonstrations, practical manoeuvres characteristics for Critical care procedures. Virtual laboratory	9
Ordering diagnostic tests at the doctors' request: sending orders for x-rays, EKGs, or CT scans and then go over those results with the doctor to decide on a treatment plan.	Practical demonstrations, practical manoeuvres characteristics for Critical care procedures. Virtual laboratory	9
Acting as a patient advocate: providing support, education, and empathy. Helping patients make informed decisions about their health, translating complex medical terms, acting as a liaison between patients and their doctor.	Practical demonstrations, practical manoeuvres characteristics for Critical care procedures. Virtual laboratory	9
Monitoring medical equipment: setting up machines and regularly monitoring and tracking a patient's progress.	Practical demonstrations, practical manoeuvres characteristics for Critical care procedures. Virtual laboratory	9
Taking regular blood tests, recording the patient's blood pressure, heart rate and oxygen levels	Practical demonstrations, practical manoeuvres characteristics for Critical care procedures. Virtual laboratory	9

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Giving the patient the drugs and fluids that the doctors have prescribed, Changing the patient's treatment in line with test results.	Practical demonstrations, practical manoeuvres characteristics for Critical care procedures. Virtual laboratory	9
Turning the patient in his or her bed every few hours to prevent sores on the skin, Cleaning the patient's teeth, Washing the patient in bed, Changing the sheets, Changing a patient's surgical stockings, Putting drops in the patient's eyes to make it easier to blink	Practical demonstrations, practical manoeuvres characteristics for Critical care procedures. Virtual laboratory	9

### References

1. Demetrios Demetriades, Kenji Inaba, Philip D. Lumb: Atlas of Critical Care Procedures, 2019
2. Mary Lou Sole, Deborah Goldenberg Klein, Marthe J. Moseley: Introduction to Critical Care Nursing, 2020

### Evaluation

<i>Practical activities – percent of the final grade - 100%</i>	
<i>Final mark</i>	

### Training Methods

- Lectures
- Independent Study
- Laboratory and Practical Study
- Clinical stages

### Innovative Digital Training Methods

- Virtual laboratory
- Online platform
- E-learning

