UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Using Ecmo in Emergency Department

2122-3-I0101D143

Aims

KNOWLEDGE OF THE MAIN INDICATIONS FOR AN ECMO V-A SUPPORT

IDENTIFICATION OF THE MAIN NURSING DIAGNOSIS, INTERVENTIONS AND OUTCOMES

KNOWLEDGE OF THE “ECMO TEAM” ROLE

Contents

INTRODUCTION TO THE COURSE: HYSTORICAL BACKGROUND AND DEFINITIONS

PHYSIOLOGY OF V-A ECMO CIRCUIT, CLINICAL INDICATIONS AND PATIENT SELECTION

COMPLICATIONS

NURSING FOR PATIENTS DURING ECMO V-A SUPPORT

STARTUP, PROCEDURES AND TEAMWORK

STATE OF ART, RESEARCH AND ETHICS

Detailed program

From 9:00 to 11:00

• KNOWLEDGE OF THE MAIN INDICATIONS FOR THE POSITIONING OF A SUPPORT

From 11:00 to 13:00

• BASIC PHYSIOLOGY OF ECMO V-A, CLINICAL INDICATIONS, INCLUSION CRITERIA

From 13:00 to 14:00: Lunch Break

From 14.00 to 18.00

• THE CHARGE OF THE PERSON IN THE ECMO V-A SUPPORT

• ACTIVATION, PROTOCOLS AND TEAM WORK

• STATE OF THE ART AND RESEARCH, ETHICAL CONSIDERATIONS

• Plenary discussion

• Closing of the Course

Prerequisites

Students must be enrolled in the third year of Master in Nursing Science

Teaching form

Lectures

- Guided discussion

VISIT TO THE INTENSIVE CARE UNIT (TICCH) OF S. GERARDO HOSPITAL (ASST-MONZA)

Textbook and teaching resource

Educational resource

Semester

second semester

Assessment method

Frequency

Office hours