



ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA
CAMPUS DI RIMINI

**DEGREE COURSE IN NURSING
RIMINI CAMPUS
RIMINI AND CESENA TRAINING SITES
New revision**

**LABORATORIES
PROFESSIONALS
And
IN-DEPTH SEMINARS
I and II
(DM 270/2004)**



Available to **students** of the Rimini Campus
Training Locations : Rimini and Cesena
AA 2025-26

ORGANIZATION CHART / FIGURES INVOLVED

**Head of the Nursing Degree Program
Rimini Campus**
Milena Spadola

**Subject Teacher
Professional
Laboratory 1**
Cesena: *Nisi Giuseppina*
Rimini: *Comanducci Elisabetta*

**Subject Teacher
Professional
Laboratory 2**
Cesena: *Floris Romina*
Rimini: *Colamaria Nicola*

**Subject Teacher
Professional
Laboratory 3**
Cesena: *Donadel Gaia*
Rimini: *Cervellieri Francesca*

Educational tutors

Expert Professionals

Expert Professionals

Peer student

**Head of the Nursing Degree Program
Rimini Campus**
Milena Spadola

**Subject Teacher
Seminars I**
Cesena: *Baccellini Francesca*
Rimini: *Borgogelli Martina*

**Subject Teacher
Seminars II**
Cesena: *Pisotti Lidia*
Rimini: *Ricci Filippo*

Expert Professionals

Expert Professionals

INTRODUCTION

Professional Laboratories represent a way for students to actively learn through simulated experiences in a protected environment, where each student has the opportunity to experiment with developing gestural, interpersonal, organizational, and problem-solving skills.

The Professional Lab allows students to prepare for the internship experience and reduces its emotional impact in subsequent real-world situations. Furthermore, the acquisition of skills and competencies through simulation ensures the safety of patients during clinical internships. The Professional Lab represents the first opportunity to integrate theoretical knowledge with its concrete application in clinical practice. **Students must attend at least 66% of the classes for the professionalizing courses MED/45 - MEDS 24/C in the first and second years of the program for the respective Labs. The Professional Laboratory 1 activity is preparatory to entering the clinical internship in the first year of the course.**

Seminars I and II provide additional theoretical content to complement the curricular activities and explore in greater depth the topics covered in the professional workshops.

METHODOLOGY

Laboratory activities take place in equipped settings with small groups of students and are led by the teaching professor, who supervises the course, assisted by teaching tutors, and with the collaboration of experienced clinical professionals and third-year students (*peer educators*). Learning is facilitated by the use of technological tools and aids to support teaching activities, such as mannequins/simulators, mannequin/simulator parts, specific medical-surgical devices, demonstration videos, etc.

Laboratory activities include clinical reasoning and care planning sessions, simulations, and role-playing. For the activities planned for Professional Laboratory 1, briefings and debriefings will be held with students at the end of each laboratory.

Seminars I and II take place in the classroom and include frontal lessons.

PRESENCE

Students are required to attend all professional workshops 100% of the time. Students unable to attend the workshop must promptly inform the instructor. Exchanges between students from different groups are possible, subject to prior authorization from the instructor . Punctuality and appropriate attire are required. Furthermore, at the end of each workshop and seminar, students must complete an online satisfaction survey. Seminars I and II require at least 66% attendance.

ASSESSMENT

The Professional Laboratory and Seminars I and II activities include a certified assessment of the acquired skills. The assessment is expressed through a suitability grade.

PROFESSIONAL LABORATORY 1

The learning assessment takes place at the end of the 35 hours of Professional Laboratory 1 and is preparatory to entry into the 1st year Internship.

The exam involves a random selection of a procedure from the Professional Laboratory 1 course. **Students must simulate the randomized procedure, thoroughly explaining its definition, responsibilities, purpose and instructions, preparation and assessment of the patient, required resources, phases of the procedure, patient care, risks and complications, and recording/documentation in compliance with the Acceptable Levels of Performance (ALP).** Students must demonstrate clinical reasoning skills and respond appropriately to the question regarding the supplementary activities. The question will be supplemented with in-depth explanations of the topics covered during the supplementary activities, specifically: **the prevention of healthcare-associated infections (HAIs) and aspects of clinical risk prevention. The maximum presentation time is 20 minutes .**

The student must explain the procedure drawn from the following:

1. Oral, eye and perineal hygiene
2. Mobilization of the person
3. Detection of vital parameters and blood sugar levels
4. Performing the electrocardiogram
5. Oxygen therapy and aerosol therapy
6. Surgical wound dressing
7. Indwelling bladder catheterization
8. Intermittent bladder catheterization
9. Bladder catheterization: management and urine sample collection
10. Administration of the evacuative enema
11. Parenteral therapy management: intramuscular
12. Management of parenteral therapy: subcutaneous, intradermal
13. Insulin therapy management
14. Introduction of the peripheral venous catheter
15. Management of infusion lines
16. Management of venous access: venipuncture
17. Management of venous access: blood culture
18. Management of venous access: intravenous therapy

PROFESSIONAL LABORATORY 2 + SEMINAR I

Professional Laboratory 2:

Learning assessment is done through three open-ended questions (maximum 10 lines) on topics covered during the Professional Workshop 2 experience. Each answer will be scored from zero to ten; the minimum passing score is 21/30.

The time available will be '30 minutes

The eligibility of the individual module is valid only for the current exam session.

Two tests are guaranteed per exam session.

Seminar I:

Learning assessment is done through a test typically consisting of 30 multiple-choice questions relating to the topics covered during the In-Depth Seminars I.

The time available is 30 minutes. The test is considered passable if the correct answers are equal to or greater than 21/30.

The eligibility of the individual module is valid only for the current exam session.

Two tests are guaranteed per exam session.

PROFESSIONAL LABORATORY 3 + SEMINAR II

Professional Laboratory 3:

Learning assessment is done through three open-ended questions (maximum 10 lines) on topics covered during the Professional Workshop 3 experience. Each answer will be scored from zero to ten; the minimum passing score is 21/30.

The time available will be '30 minutes

The eligibility of the individual module is valid only for the current exam session.

Two tests are guaranteed per exam session.

Seminar II:

Learning assessment is done through a test typically consisting of 30 multiple-choice questions relating to the topics covered during the In-Depth Seminars II.

The time available is 30 minutes. The test is considered passable if the correct answers are equal to or greater than 21/30.

The eligibility of the individual module is valid only for the current exam session.

Two tests are guaranteed per exam session.

CONTENTS

**PROFESSIONAL
LABORATORIES**

and

SEMINARS

I e II

PROFESSIONAL LABORATORY 1ST YEAR

Teaching Professor:

Educational training site of Rimini : Elisabetta Comanducci - elisabett.comanducc2@unibo.it

Educational training site of Cesena : Giuseppina Nisi - giuseppina.nisi@unibo.it

Professional Laboratory / Functional Models M. Gordon		Activity	Hours
1.	PERSONAL CARE – Functional Model of Physical Activity and Exercise	<ul style="list-style-type: none"> • Patient hygiene and dressing - making occupied bed 	3
		<ul style="list-style-type: none"> • Patient mobilization 	3
2.	CARDIO FUNCTION CIRCULATORY AND RESPIRATORY – Functional model of physical activity and exercise	<ul style="list-style-type: none"> • Detection of vital parameters and capillary blood glucose 	3
		<ul style="list-style-type: none"> • Performing the electrocardiogram 	3
		<ul style="list-style-type: none"> • O2 therapy management • Aerosol Therapy Management 	2
		<ul style="list-style-type: none"> • Cardiopulmonary resuscitation 	3
3.	DIET, NUTRITION AND SKIN INTEGRITY – Nutritional and metabolic model	<ul style="list-style-type: none"> • Surgical wound dressing 	3
4.	URINARY AND INTESTINAL ELIMINATION – Elimination model	<ul style="list-style-type: none"> • Insertion and management of indwelling and intermittent bladder catheters. • Urine sample collection 	4
		<ul style="list-style-type: none"> • Administration of the evacuative enema 	1
5.	PERIPHERAL VENOUS ACCESS AND THERAPY MANAGEMENT – Health perception and management model	<ul style="list-style-type: none"> • Management of parenteral therapy: intramuscular, subcutaneous and intradermal 	4
		<ul style="list-style-type: none"> • Venous access management: CVP, intravenous therapy, infusion lines 	3
		<ul style="list-style-type: none"> • Venous access management: venipuncture, blood culture. 	3
Total hours			35

PROFESSIONAL LABORATORY 2ND YEAR

Teaching Professor:

Educational training site of Rimini : Colamaria Nicola - nicola.colamaria2@unibo.it

Educational training site of Cesena : Floris Romina – romina.floris2@unibo.it

Professional Laboratory / Functional Models M. Gordon		Activity	Hours
1.	DIAGNOSTIC PROCEDURES – THERAPEUTIC – Activity and exercise model	<ul style="list-style-type: none"> • Assistance for people with respiratory stomas 	3
		<ul style="list-style-type: none"> • Care for people with difficult wounds - Vac Therapy 	3
		<ul style="list-style-type: none"> • Personal care with bandages and vascular dressings 	3
2.	URINARY ELIMINATION AND INTESTINAL – Elimination pattern	<ul style="list-style-type: none"> • Insertion and Management of the Nasogastric Tube • Enteral Nutrition Management – PEG 	3
		<ul style="list-style-type: none"> • Assistance for people with intestinal and urinary stomas 	3
		<ul style="list-style-type: none"> • Personal care with thoracic, cavity and intra-tissue drainage 	3
3.	THERAPY MANAGEMENT INFUSIONAL – Nutritional and metabolic model	<ul style="list-style-type: none"> • Personal care with central venous access, lines and infusion pumps: CVC, PICC, MIDLINE, PORT, Total parenteral nutrition 	3
4.	THERAPY MANAGEMENT – Health Perception and Management Model	<ul style="list-style-type: none"> • Management of drug therapy in adult and pediatric patients: dosages/proportions 	3
		<ul style="list-style-type: none"> • Recognition of the main ECG alterations 	3
5.	HEALTH MANAGEMENT	<ul style="list-style-type: none"> • Therapeutic education – self-care 	3
Total hours			30

IN-DEPTH SEMINARS I

Teaching Professor:

Educational training site of Rimini : Borgogelli Martina - martina.borgogelli2@unibo.it

Educational training site of Cesena : Baccellini Francesca – francesca.baccellin2@unibo.it

SEMINAR TITLE		Hours
1.	Clinical risk management	3
2.	Blood component management	3
3.	Management of risks associated with drug therapy and narcotic drugs	3
4.	Care for people with difficult wounds: etiology of vascular lesions, diabetic foot	3
5.	Assistance for the person undergoing dialysis	3
6.	Assistance to people with oncological disease and palliative care	4
7.	Nutrition principles: choosing a personalized diet	3
8.	Connected Care: Digital Technology in Healthcare	3
Total hours		25

PROFESSIONAL LABORATORY 3RD YEAR

Teaching Professor:

Educational training site of Rimini : Francesca Cervellieri - francesc.cervellier2@unibo.it

Educational training site of Cesena : Donadel Gaia – gaia.donadel2@unibo.it

Professional laboratory / Functional models Mr. Gordon		Activity	Hours
1.	ASSISTANCE TO PERSONS WITH MULTIPLE TRAUMA	<ul style="list-style-type: none"> • Patient assessment • Patient mobilization • Use of immobilization devices 	3
2.	CARE FOR PERSONS WITH ACUTE RESPIRATORY FAILURE	<ul style="list-style-type: none"> • Personal care with non-invasive ventilation 	3
		<ul style="list-style-type: none"> • Care for the person with invasive ventilation 	3
3.	CARE FOR PERSONS WITH SEPSIS	<ul style="list-style-type: none"> • Nursing assessment and care for people with sepsis in critical care 	3
		<ul style="list-style-type: none"> • Arterial and venous blood gas analysis: how to recognize the main alterations 	3
		<ul style="list-style-type: none"> • Health documentation, nursing deliveries 	3
4.	HELPING REPORT	<ul style="list-style-type: none"> • Narrative medicine 	3
		<ul style="list-style-type: none"> • Hypnotic communication 	3
5.	DIAGNOSTIC PROCEDURES – THERAPEUTIC – Activity and exercise model	<ul style="list-style-type: none"> • Notes on ultrasound anatomy and ultrasound physics • Nursing Ultrasound: The Use of Ultrasound in Nursing Care 	6
Total hours			30

IN-DEPTH SEMINARS II

Teaching Professor:

Educational training site of Rimini : Ricci Filippo - filippo.ricci23@unibo.it

Educational training site of Cesena : Pisotti Lidia – lidia.pisotti@unibo.it

SEMINAR TITLE		Hours
1.	Organ donation and transplants	5
2.	Gender and intercultural medicine	4
3.	Gender violence	4
4.	Assistance to the person with burns	4
5.	Assistance for people with neurosurgical problems	4
6.	Poisonings and intoxications	3
7.	Including social value in care time	3
Total hours		27

ATTACHMENTS

Below are the
Summary sheets for each Module
of the
Professional Laboratories 1 - 2 - 3
and of the
In-depth seminars I and II ,
to which the student must refer.

LABORATORY PROFESSIONAL 1

MODULE 1 - PERSONAL CARE

REMAKING THE OCCUPIED BED PATIENT HYGIENE and DRESSING

Goals	<ul style="list-style-type: none">• Remaking an occupied bed• Ensure patient privacy when performing hygiene care• Perform oral hygiene and perineal hygiene on a totally dependent, conscious or unconscious bedridden patient• Place the absorbent pad on the patient• Dressing/undressing the non-self-sufficient patient
Prerequisites	Knowledge related to: <ul style="list-style-type: none">• Empty and occupied bed making technique• Bed bathing technique (hair, face, eyes, oral cavity, nose, ears, trunk, navel, perineum, hands, feet) in the totally dependent conscious/unconscious patient• Dressing/undressing technique for the non-self-sufficient patient• Patient unit• Hand hygiene• Assessment of the patient's level of autonomy (Barthel scale, ADL)• Waste disposal
Reference bibliography	<ul style="list-style-type: none">• P. Badon, M. Canesi, A. Monterosso, F. Pellegatta, <i>Nursing Procedures</i>, Zanichelli, 2018. Sheets 9, 15, 20• ICCM Guidelines . Eye Care for Critically Ill Adults, 2014• Company Procedures – AUSL Romagna
Times and location	Duration: 3 hours Cesena office : Viale Ghirotti, 286 Rimini office : via Flaminia, 76

MODULE 1 - PERSONAL CARE

PATIENT MOBILIZATION

Goals	<ul style="list-style-type: none">• Position/move the totally dependent patient in bed• Transferring the partially/totally dependent patient: from bed to wheelchair and vice versa, from stretcher to bed and vice versa• Assist the patient in walking• Ensure patient and operator safety
Prerequisites	Knowledge related to: <ul style="list-style-type: none">• Principles of biomechanics, manual handling of loads• Assessment of the patient's need for mobilization• Assessment of the patient's motor skills and level of autonomy (Barthel scale, ADL)• Assessment of the risk of falling• Totally dependent patient positioning technique in supine, prone, lateral, orthopneic, Fowler, semi-Fowler, Trendelenburg, reverse Trendelenburg positions• Patient moving technique in bed• Transfer techniques for partially/totally dependent patients: from bed to wheelchair and vice versa; from stretcher to bed and vice versa• Assisted walking technique• Aids used for positioning, transferring and walking the patient• Social hand hygiene
Reference bibliography	<ul style="list-style-type: none">• L. Saiani, A. Brugnolli, <i>Treatise on Nursing Care</i>, Sorbonne, 2013, 2nd edition. Chapters 11, 15• P. Albinelli, K. Cottafavi, P. Ferri, <i>The Nurse between Theory and Practice</i>, Athena, 2008. Chapter 8• https://elearning.sicurezza.unibo.it• Company Procedures – AUSL Romagna
Times and location	Duration: 3 hours Cesena office : Viale Ghirotti, 286 Rimini office : via Flaminia, 76

MODULE 2 - CARDIO-CIRCULATORY FUNCTION AND RESPIRATORY

DETECTION OF VITAL PARAMETERS AND CAPILLARY GLUCOSE

Goals	<ul style="list-style-type: none"> • Detect vital parameters (non-invasive BP, HR, RR, SpO₂, temperature) and their alterations • Detect and monitor capillary blood glucose
Prerequisites	<p>Knowledge related to:</p> <ul style="list-style-type: none"> • Notes on the physiopathology of the cardiovascular, respiratory and thermoregulatory systems • Definition of vital parameters (TC, HR, RR, spO₂, BP, pain) • Technique for measuring blood pressure using a sphygmomanometer • Heart rate detection technique • SpO₂ detection technique using pulse oximetry • Body temperature detection technique • Technique for performing capillary sampling • Hand hygiene • Standard precautions • Waste disposal
Reference bibliography	<ul style="list-style-type: none"> • P. Badon, M. Canesi, A. Monterosso, F. Pellegatta, <i>Nursing Procedures</i>, Zanichelli, 2018. Sheets 30, 31, 35, 40, 44. Chapter 5 • Company Procedures – AUSL Romagna
Times and location	<p>Duration: 3 hours Cesena office : Viale Ghirotti, 286 Rimini office : via Flaminia, 76</p>

MODULE 2 - CARDIO-CIRCULATORY FUNCTION AND RESPIRATORY

ELECTROCARDIOGRAM PERFORMANCE

Goals	<ul style="list-style-type: none">• Produce 12-lead ECG
Prerequisites	Knowledge related to: <ul style="list-style-type: none">• Notes on the anatomy and physiology of the cardiovascular system• 12-lead ECG execution technique• ECG waves
Reference bibliography	<ul style="list-style-type: none">• P. Badon, M. Canesi, A. Monterosso, F. Pellegatta, <i>Nursing Procedures</i>, Zanichelli, 2018. Sheet 101• Dale Dubin, <i>ECG Interpretation</i>, Monduzzi Publishers, 2008• Company Procedures – AUSL Romagna
Times and location	Duration: 2 hours Cesena office : Viale Ghirotti, 286 Rimini office : via Flaminia, 76

MODULE 2 - CARDIO-CIRCULATORY FUNCTION AND RESPIRATORY

MANAGEMENT OF OXYGEN THERAPY AND AEROSOL THERAPY

Goals	<ul style="list-style-type: none">• Administering oxygen therapy through different types of devices• Administer aerosol therapy
Prerequisites	Knowledge related to: <ul style="list-style-type: none">• Oxygen therapy administration technique using a flowmeter and various devices (nasal cannulas, simple mask, ventimask, mask with partial reserve bag)• Aerosol therapy delivery technique• Properties and characteristics of oxygen• Detect RR, spO₂
Reference bibliography	<ul style="list-style-type: none">• P. Badon, M. Canesi, A. Monterosso, F. Pellegatta, <i>Nursing Procedures</i>, Zanichelli, 2018. Sheet 59, 117• Company Procedures – AUSL Romagna
Times and location	Duration: 2 hours Cesena office : Viale Ghirotti, 286 Rimini office : via Flaminia, 76

MODULE 2 - CARDIO-CIRCULATORY FUNCTION AND RESPIRATORY

CARDIOPULMONARY RESUSCITATION

Goals	<ul style="list-style-type: none">• Check surrounding safety• Recognize a patient in cardiac arrest (loss of consciousness, apnea or gasping, absence of movement, absence of arterial pulse)• Recognition of signs of circulation• Provide the sequence of maneuvers to be performed on a patient in case of cardiac arrest before performing a CPR sequence (important positioning of the operator and the patient)• Knowing how to perform correct chest compressions• Effective ventilation sequence
Prerequisites	Knowledge related to: <ul style="list-style-type: none">• An outline of the anatomy and physiology of the cardiovascular and respiratory systems• Definition and assessment of vital parameters• Standard precautions
Reference bibliography	<ul style="list-style-type: none">• M. Chiaranda, <i>Illustrated Guide to Emergencies</i>, Piccin 2007. Pages 1-110• P. Badon, M. Canesi, A. Monterosso, F. Pellegatta, <i>Nursing Procedures</i>, Zanichelli, 2018. Sheet 25• IRC Guidelines
Times and location	Duration: 3 hours Cesena office : Viale Ghirotti, 286 Rimini office : Rimini Cuore office, Colosseum, Via Coriano

**MODULE 3 - FOOD, NUTRITION
AND SKIN INTEGRITY**
SURGICAL WOUND DRESSING

Goals	<ul style="list-style-type: none"> • Perform surgical wound dressing using the “touch” and “no touch” technique and with sterile field preparation
Prerequisites	<p>Knowledge related to:</p> <ul style="list-style-type: none"> • Notes on the anatomy of the skin • Technique for performing flat surgical wound dressing • Evaluation of signs and symptoms of surgical wound inflammation and infection • Sterile field preparation • Hand hygiene • Waste disposal
Reference bibliography	<ul style="list-style-type: none"> • P. Badon, M. Canesi, A. Monterosso, F. Pellegatta, <i>Nursing Procedures</i>, Zanichelli, 2018. Sheet 14 • CDC Guidelines for the Prevention of Surgical Site Infections, 2017 • Company Procedures – AUSL Romagna
Times and location	<p>Duration: 3 hours Cesena office : Viale Ghirotti, 286 Rimini office : via Flaminia, 76</p>

MODULE 4 - URINARY AND INTESTINAL ELIMINATION

INSERTION AND MANAGEMENT OF THE BLADDER CATHETER PERMANENCE AND INTERMITTENT BLADDER CATHETER. URINE SAMPLE COLLECTION

Goals	<ul style="list-style-type: none">• Insert, manage and remove the intermittent and permanent bladder catheter while respecting asepsis• Perform bladder washes/irrigations• Collect a sterile urine sample from the catheter
Prerequisites	Knowledge related to: <ul style="list-style-type: none">• Notes on the anatomy and physiology of the excretory system• Assessment of urinary urgency: assessment of the need for urinary catheter insertion and possible alternatives to the urinary catheter (condom, extemporaneous catheterization, diaper, bedpan)• CV insertion and removal technique• Management of CV, prevention of catheter-associated urinary tract infections• Intermittent CV insertion and management technique in independent and dependent patients• Urine characteristics and alterations• Characteristics of the bladder catheter (diameter, number of ways, material, type) and of the collection system• Perineal hygiene• Sterile field preparation• Methods of storage and sending to the laboratory of urine samples for chemical-physical, cultural and cytological tests• Hand hygiene• Waste disposal
Reference bibliography	<ul style="list-style-type: none">• Urinary tract infections in adults. Emilia-Romagna Region Guidelines, 2010• P. Badon, M. Canesi, A. Monterosso, F. Pellegatta, <i>Nursing Procedures</i>, Zanichelli, 2018. Sheet 58, 139, 140, 143, 144, 145• Company Procedures – AUSL Romagna
Times and location	Duration: 4 hours Cesena office : Viale Ghirotti, 286 Rimini office : via Flaminia, 76

MODULE 4 - URINARY AND INTESTINAL ELIMINATION

ADMINISTRATION OF THE EVACUATIVE ENEMA

Goals	<ul style="list-style-type: none">• Administer a small and large volume cleansing enema• Perform manual emptying of fecal material
Prerequisites	Knowledge related to: <ul style="list-style-type: none">• Notes on intestinal anatomy, physiopathology and pathology• Small and large volume enema technique• Hand hygiene• Sims Position• Perineal hygiene• Waste disposal
Reference bibliography	<ul style="list-style-type: none">• P. Badon, M. Canesi, A. Monterosso, F. Pellegatta, <i>Nursing Procedures</i>, Zanichelli, 2018. Sheet 125, 129• Company Procedures – AUSL Romagna
Times and location	Duration: 1 hour Cesena office : Viale Ghirotti, 286 Rimini office : via Flaminia, 76

MODULE 5 - THERAPY MANAGEMENT AND PERIPHERAL VENOUS ACCESSES

MANAGEMENT OF PARENTERAL THERAPY: INTRAMUSCLE, SUBCUTANEOUS AND INTRADERMAL

Goals	<ul style="list-style-type: none">• Administer drugs parenterally (intramuscular, subcutaneous, intradermal)• Administer insulin therapy
Prerequisites	Knowledge related to: <ul style="list-style-type: none">• General pharmacology concepts• Routes of administration of parenteral therapy, complications associated with the procedures• Insulin therapy: types, administration, storage• Apply the 7 G's rule• Standard precautions• Hand hygiene• Waste disposal
Reference bibliography	<ul style="list-style-type: none">• P. Badon, M. Canesi, A. Monterosso, F. Pellegatta, <i>Nursing Procedures</i>, Zanichelli, 2018. Sheet 32, 78, 79, 86• Guidelines for the clinical management of medications. Revision of the document " <i>Emilia-Romagna Region Procedure for the Clinical Management of Medicines - Rev. 02-2010</i> "• Company Procedures – AUSL Romagna
Times and location	Duration: 4 hours Cesena office : Viale Ghirotti, 286 Rimini office : via Flaminia, 76

MODULE 5 - THERAPY MANAGEMENT AND PERIPHERAL VENOUS ACCESSES

MANAGEMENT OF VENOUS ACCESS: CVP, INTRAVENOUS THERAPY, INFUSION LINES

Goals	<ul style="list-style-type: none"> • Enter and manage the CVP • Prepare the infusion line
Prerequisites	<p>Knowledge related to:</p> <ul style="list-style-type: none"> • Anatomy of the circulatory system • General pharmacology concepts • Apply the 7 G's rule • Preparation of material for CVP insertion • Insertion technique and management of the CVP • Preparing the infusion line • Standard precautions • Hand hygiene • Waste disposal
Reference bibliography	<ul style="list-style-type: none"> • P. Badon, M. Canesi, A. Monterosso, F. Pellegatta, <i>Nursing Procedures</i>, Zanichelli, 2018. Sheet 49, 53, 66, 67, 76, 97 • Prevention of Intravascular Catheter-Related Infections, CDC Guidelines, 2011 • Company Procedures – AUSL Romagna
Times and location	<p>Duration: 3 hours Cesena office : Viale Ghirotti, 286 Rimini office : via Flaminia, 76</p>

MODULE 5 - THERAPY MANAGEMENT AND PERIPHERAL VENOUS ACCESSES

VENOUS ACCESS MANAGEMENT: VENOUS COLLECTION, BLOOD CULTURE

Goals	<ul style="list-style-type: none">• Perform venipuncture• Perform blood culture from peripheral venipuncture
Prerequisites	Knowledge related to: <ul style="list-style-type: none">• Anatomy of the circulatory system• Technique for performing venous sampling• Technique for performing blood culture from venipuncture• Methods of storing and sending venous samples to the laboratory• Standard precautions• Hand hygiene• Waste disposal
Reference bibliography	<ul style="list-style-type: none">• P. Badon, M. Canesi, A. Monterosso, F. Pellegatta, <i>Nursing Procedures</i>, Zanichelli, 2018. Sheet 49, 53, 66, 67, 76, 97• Prevention of Intravascular Catheter-Related Infections, CDC Guidelines, 2011• Company Procedures – AUSL Romagna
Times and location	Duration: 3 hours Cesena office : Viale Ghirotti, 286 Rimini office : via Flaminia, 76

LABORATORY PROFESSIONAL 2

MODULE 1 – DIAGNOSTIC-THERAPEUTIC PROCEDURES

ASSISTANCE TO THE PERSON WITH RESPIRATORY STOMA

Goals	<ul style="list-style-type: none">• Suction respiratory secretions via the nose/oral/endotracheal route with an open and closed circuit.• Perform tracheostomy dressing, cannula and inner cannula replacement.• Collect a sample of secretions and send it to the laboratory.
Prerequisites	Knowledge related to: <ul style="list-style-type: none">• Notes on the anatomy and physiology of the respiratory system• Assessment of the need for airway suctioning• Different types of tracheal tubes, characteristics and complications related to tracheostomy• Vital signs detection (HR, RR, SpO₂, BP)• Oral hygiene• Asepsis and infection control• Hand hygiene• Waste disposal
Reference bibliography	<ul style="list-style-type: none">• P. Badon, M. Canesi, A. Monterosso, F. Pellegatta, <i>Nursing Procedures</i>, Zanichelli, 2018. Sheets 107, 108, 121• Brunner Suddarth. <i>Medical-Surgical Nursing</i> ; Fifth Edition; CEA, 2017. Chapter 21• AARC Clinical Practice Guidelines. Endotracheal Suctioning of Mechanically Ventilated Patients With Artificial Airways, 2010• Company Procedures – AUSL Romagna
Times and location	Duration: 3 hours Cesena office : Viale Ghirotti, 286 Rimini office : via Flaminia, 76

MODULE 1 – DIAGNOSTIC-THERAPEUTIC PROCEDURES

ASSISTANCE TO PERSONS WITH DIFFICULT INJURIES - VAC THERAPY

Goals	<ul style="list-style-type: none">• Negative pressure therapy: indications for use in acute and chronic wounds• Prevention of surgical site complications• Device and appliance management
Prerequisites	Knowledge related to: <ul style="list-style-type: none">• Notes on the anatomy, physiopathology and pathology of the vascular system• The causes of a difficult wound (local or systemic origin)• How a wound heals• Asepsis and infection control• Hand hygiene• Waste disposal
Reference bibliography	<ul style="list-style-type: none">• Bibliography provided in class by the teacher
Times and location	Duration: 3 hours Cesena office : Viale Ghirotti, 286 Rimini office : via Flaminia, 76

MODULE 1 – DIAGNOSTIC-THERAPEUTIC PROCEDURES

PERSONAL ASSISTANCE WITH BANDAGES AND WRAPS VASCULAR

Goals	<ul style="list-style-type: none">• Fundamentals of compression bandaging in patients with vascular insufficiency• Making a compression bandage• Differences between compression bandages and retention bandages
Prerequisites	Knowledge related to: <ul style="list-style-type: none">• Notes on the anatomy, physiopathology and pathology of the vascular system• Procedure-related complications and preventive measures• Asepsis and infection control• Hand hygiene• Waste disposal
Reference bibliography	<ul style="list-style-type: none">• Bibliography provided in class by the teacher
Times and location	Duration: 3 hours Cesena office : Viale Ghirotti, 286 Rimini office : via Flaminia, 76

MODULE 2 – URINARY AND INTESTINAL ELIMINATION

INSERTION AND MANAGEMENT OF THE NASOGASTRIC TUB, MANAGEMENT OF ENTERAL NUTRITION - PEG

Goals	<ul style="list-style-type: none">• Inserting and removing the SNG• Evaluate the correct positioning of the SNG• Evaluate gastric stagnation• Administer enteral nutrition via SNG/PEG
Prerequisites	Knowledge related to: <ul style="list-style-type: none">• Notes on the anatomy, physiopathology and pathology of the digestive system• Assessment of the patient's nutritional status and indications for the insertion of the SNG• Different types of SNG: nutritional and emptying• SNG insertion and removal technique• Management of SNG and PEG• EN management: administration, monitoring and storage of mixtures, infusion lines, enteral pumps• Hand hygiene• Hygiene of the oral cavity, nasal cavity and peristomal skin• Waste disposal
Reference bibliography	<ul style="list-style-type: none">• P. Badon, M. Canesi, A. Monterosso, F. Pellegatta, <i>Nursing Procedures</i>, Zanichelli, 2018. Sheet 68, 136, 138• SINPE Guidelines for Hospital Artificial Nutrition, 2022• Company Procedures – AUSL Romagna
Times and location	Duration: 3 hours Cesena office : Viale Ghirotti, 286 Rimini office : via Flaminia, 76

MODULE 2 – URINARY AND INTESTINAL ELIMINATION DIAGNOSTIC-THERAPEUTIC PROCEDURES

CARE FOR PEOPLE WITH INTESTINAL OSTOMAS AND URINARY

Goals	<ul style="list-style-type: none"> • Perform intestinal and urinary stoma hygiene • Replace the collection system (one-piece, two-piece) for feces and urine • Perform intestinal irrigation • Nursing care for the ostomate patient in the various phases
Prerequisites	<p>Knowledge related to:</p> <ul style="list-style-type: none"> • An outline of the anatomy and physiology of the digestive and urinary systems • Types of intestinal and urinary stomas • Collection systems (one-piece, two-piece) for feces and urine • Prevention and recognition of stoma complications (edema, necrosis, infection, prolapse, stenosis) • Stoma hygiene technique and collection system replacement • Intestinal irrigation technique • Standard precautions • Hand hygiene • Infection control • Waste disposal
Reference bibliography	<ul style="list-style-type: none"> • P. Badon, M. Canesi, A. Monterosso, F. Pellegatta, <i>Nursing Procedures</i>, Zanichelli, 2018. Sheet 126, 128, 130, 137, 147 • Brunner Suddarth. <i>Medical-Surgical Nursing</i> ; Fifth Edition; CEA, 2017. Chapters 48, 55 • Atlas of Stoma and Complications – G. Rastelli, C. Saracco, Editpress Edizioni; 2016 • RNAO Guidelines for Ostomy Care and Management, 2009 • Company Procedures – AUSL Romagna
Times and location	<p>Duration: 3 hours Cesena office : Viale Ghirotti, 286 Rimini office : via Flaminia, 76</p>

MODULE 2 – URINARY AND INTESTINAL ELIMINATION
PERSONAL CARE WITH CHEST, CAVITARY AND INTRA-TISSUE DRAINAGES

Goals	<ul style="list-style-type: none"> • Managing thoracic and abdominal drainage: assessing proper function and anchoring, dressing, and replacing the collection system. • Collect a sample of the drained material and send it to the laboratory.
Prerequisites	<p>Knowledge related to:</p> <ul style="list-style-type: none"> • Various types of chest drainage (Pleurevac, Heimlich valve) and abdominal drainage (Penrose, Kherr, Jackson-Pratt) • Surgical wound dressing technique • Evaluation of drained material • Methods of storage and sending biological samples to the laboratory • Asepsis and infection control • Hand hygiene • Standard precautions • Waste disposal
Reference bibliography	<ul style="list-style-type: none"> • P. Badon, M. Canesi, A. Monterosso, F. Pellegatta, <i>Nursing Procedures</i>, Zanichelli, 2018. Sheet 113 • Luisa Saiani, Anna Brugnolli, <i>Treatise on Nursing Care</i>, Sorbonne, 2013, 2nd edition. Chapter 27 • Company Procedures – AUSL Romagna
Times and location	<p>Duration: 3 hours Cesena office : Viale Ghirotti, 286 Rimini office : via Flaminia, 76</p>

MODULE 3 – MANAGEMENT OF INFUSION THERAPY

CARE FOR PEOPLE WITH CENTRAL VENOUS ACCESS: CVC, PICC, MID-LINE, PORT, INFUSION LINES AND PUMPS, TOTAL PARENTERAL NUTRITION

Goals	<ul style="list-style-type: none"> • Manage infusion therapy from CVC, PICC, Midline, PORT: second infusion, dressing, flushing, replacement of infusion lines, management of infusion pumps • Managing Total Parenteral Nutrition (setting pumps with volume and speed, assessing the integrity and characteristics of the nutrition bag, changing the infusion sets) and related risks and complications • Perform venipuncture from CVC, PICC, Midline and PORT • Assist the patient in the placement of CVC, PICC, Midline and PORT • Remove CVC, PICC, Midline
Prerequisites	<p>Knowledge related to:</p> <ul style="list-style-type: none"> • Anatomical and physiological notes on the cardiovascular system • Different types of vascular catheters (PICC, Midline, CVC, PORT), characteristics, insertion sites • Infusion devices: reservoirs, drip sets, extension sets, flow regulators, volumetric pumps, syringe pumps, elastomeric pumps • Peripheral and central vein cannulation technique while maintaining asepsis • Complications associated with venipuncture, infusion therapy (phlebitis, infection, occlusion, infiltration and extravasation, circulatory overload) and preventive measures • Complications associated with CVC, PICC, Midline, and PORT implantation • Complications associated with the use of NPT (nausea and vomiting, diarrhea or constipation, septic, mechanical, glycemic or hydroelectrolytic decompensation) • General pharmacology: types of solutions, incompatibility between drugs and solutions • Legislative references and nurse responsibilities in administering therapy • Safe drug administration (prescribing characteristics, 7G rule) • Methods of storage and sending venous samples to the laboratory • Standard precautions and hand hygiene • Waste disposal
Reference bibliography	<ul style="list-style-type: none"> • P. Badon, M. Canesi, A. Monterosso, F. Pellegatta, <i>Nursing Procedures</i>, Zanichelli, 2018. Sheet 69, 96 • Luisa Saiani, Anna Brugnoli, <i>Treatise on Nursing Care</i>, Sorbonne, 2013, 2nd edition. Chapter 28 • Prevention of Intravascular Catheter-Related Infections, CDC Guidelines, 2011 • Company Procedures – AUSL Romagna
Times and location	<p>Duration: 3 hours Cesena office : Viale Ghirotti, 286 Rimini office : via Flaminia, 76</p>

MODULE 4 – THERAPY MANAGEMENT

DRUG THERAPY MANAGEMENT IN ADULTS AND PEDIATRICS: DOSAGES AND PROPORTIONS

Goals	<ul style="list-style-type: none">• Perform calculations on drug dosage, infusion rates and times• Set up a therapeutic regimen based on an infusion prescription• Perform water and electrolyte balance calculations
Prerequisites	Knowledge related to: <ul style="list-style-type: none">• Metric system and most used units of measurement for drugs• Liquid volume assessment: income and losses
Reference bibliography	<ul style="list-style-type: none">• G. Ledonne, S. Tolomeo, <i>Pharmacological Calculations and Dosages</i> . CEA, 2014
Times and location	Duration: 3 hours Cesena office : Viale Ghirotti, 286 Rimini office : via Flaminia, 76

MODULE 4 – HEALTH MANAGEMENT

RECOGNITION OF MAIN ECG ALTERATIONS

Goals	<ul style="list-style-type: none">• Read and recognize the main alterations of the electrocardiographic tracing:<ul style="list-style-type: none">✓ Supraventricular arrhythmias: atrial fibrillation, atrial flutter, atrioventricular nodal arrhythmia;✓ Ventricular arrhythmias: ventricular tachycardias with and without pulse, ventricular fibrillation, asystole, PEA;✓ ST segment elevation/depression
Prerequisites:	<ul style="list-style-type: none">• Anatomy of the heart• The electrical conduction system of the heart• The P-QRS-T complex• Cardiac leads• Normality criteria for an ECG• The ischemic tracing
Reference bibliography	<ul style="list-style-type: none">• Brunner Suddarth. <i>Medical-Surgical Nursing</i> ; CEA, 2017, 5th edition. Chapter 26• M. Chiaranda; <i>Emergencies and Urgencies. Institutions</i> ; Piccin, 2016, 4th edition• Dale Dubin, <i>ECG Interpretation</i> , Monduzzi Publishers, 2008• ESC Guidelines: STEMI 2017, Atrial Fibrillation 2016, Ventricular Arrhythmias and Prevention of Sudden Cardiac Death 2015• P. Badon, M. Canesi, A. Monterosso, F. Pellegatta, <i>Nursing Procedures</i> , Zanichelli, 2018. Sheet 94, 101,103
Times and location	Duration: 3 hours Cesena office : Viale Ghirotti, 286 Rimini office : via Flaminia, 76

MODULE 5 – HEALTH MANAGEMENT

THERAPEUTIC EDUCATION AND SELF-CARE

Goals	<ul style="list-style-type: none">• Knowing how to identify the potential and resources of the person to improve their self-care, valorizing the person's empowerment• Know how to develop educational projects to promote self-management of the disease
Reference bibliography	<ul style="list-style-type: none">• Beghelli A., Ferraresi A., Manfredini M., <i>Therapeutic education, methodology and application</i> , Carocci Faber, Rome 2015• D'Ivernois-Gagnaire, <i>Educating the Patient: A Pedagogical Approach</i>, 3rd edition, 2009, McGrawHill• Albano MG, <i>Therapeutic Patient Education: Reflections, Models, and Research</i>, Milan, Centro Scientifico Editore, 2010• TH Herdman, S. Kamitsuru, <i>NANDA-I Nursing Diagnoses, Definitions and Classifications 2018-2020</i> , CEA, 2018, 11th edition• Any further bibliography suggested or cited in class by the teacher
Times and location	Duration: 3 hours Cesena office : Viale Ghirotti, 286 Rimini office : via Flaminia, 76

SEMINARS OF INSIGHT I

CLINICAL RISK MANAGEMENT

Goals	<ul style="list-style-type: none">• Understand and understand the main regulatory and healthcare issues relating to the safety of care involving nursing professionals;• Knowing how to approach errors and near misses as opportunities for learning and improvement;• Present and discuss methods of prevention and risk reduction;• Know the different methods and tools for identifying, analyzing and managing risk
Reference bibliography	<ul style="list-style-type: none">• Charles Vincent, "Patient Safety," Ed. Springer, Milan, 2011• Martini M., Pelati C., Clinical Risk Management. McGraw-Hill, Milan, 2011.• Patient Safety and Clinical Risk Management: A Manual for Training Healthcare Professionals. Ministry of Health, 2017• Any bibliography suggested in class by the teacher
Times and location	<p>Duration: 3 hours Cesena Headquarters : Viale Ghirotti, 286 Rimini Office : SGR Hall, Viale Chiabrera 34/b</p>

BLOOD COMPONENT MANAGEMENT

Goals	<ul style="list-style-type: none">• Know the different phases of the transfusion therapy management process:<ol style="list-style-type: none">1. Requesting blood components: filling out the request, taking the sample, sending the sample and request, collecting the transfusion units2. Transport and storage of blood and blood components3. Transfusion: patient identification and unit control, infusion4. Treatment of any transfusion reactions • Administer blood and blood components in compliance with current legislation and good blood component handling practices, while reducing transfusion risks.
Reference bibliography	<ul style="list-style-type: none">• P. Badon, M. Canesi, A. Monterosso, F. Pellegatta, <i>Nursing Procedures</i> , Zanichelli, 2018. Sheet 65• Brunner Suddarth. <i>Medical-Surgical Nursing</i> ; Fifth Edition; CEA, 2017. Chapter 32• Company Procedure – AUSL Romagna• Any bibliography suggested in class by the teacher
Times and location	Duration: 3 hours Cesena Headquarters : Viale Ghirotti, 286 Rimini Office : SGR Hall, Viale Chiabrera 34/b

**MANAGEMENT OF RISKS RELATED TO DRUG THERAPY
AND Narcotic DRUGS**

<p>Goals</p>	<ul style="list-style-type: none"> • Understanding the steps for safe drug therapy management. The main errors/risks and prevention methods. • Pharmaceutical cabinet management: procurement, inventory management, storage, expiry date control • Safely handle: concentrated electrolyte solutions, LASA and FALA drugs, medicinal samples, personal medications • Managing narcotic drugs: supply and return forms, loading and unloading register, storage.
<p>Reference bibliography</p>	<ul style="list-style-type: none"> • Recommendation on the correct use of concentrated potassium chloride solutions and other potassium-containing solutions, recommendation no. 1, 7, March 2008 • Ministerial Recommendation LASA – FALA • Recommendation for the Prevention of Death, Coma, or Serious Injury from Medication Errors No. 7-10/09/2007 • Company Procedures – AUSL Romagna • Recommendation on the correct use of concentrated potassium chloride solutions and other potassium-containing solutions, recommendation no. 1, 7, March 2008 • Any further bibliography suggested in class by the teacher
<p>Times and location</p>	<p>Duration: 3 hours Cesena Headquarters : Viale Ghirotti, 286 Rimini Office : SGR Hall, Viale Chiabrera 34/b</p>

**ASSISTANCE TO PERSONS WITH DIFFICULT INJURIES,
DIABETIC FOOT**

Goals	<ul style="list-style-type: none"> • Managing the patient with skin lesion: <ul style="list-style-type: none"> ✓ Patient and lesion assessment ✓ Wound treatment: cleansing, debridement, advanced dressings, negative pressure therapy ✓ Avoid complications (skin changes, ulceration, infection, gangrene) ✓ Prevention and treatment of diabetic foot ✓ Education on home wound and diabetic foot care
Reference bibliography	<ul style="list-style-type: none"> • Advanced dressings for the treatment of acute and chronic wounds. Emilia-Romagna Region, 2016 • Brunner Suddarth. <i>Medical-Surgical Nursing</i> ; Fifth Edition; CEA, 2017. Chapter 61 • Company Procedures – AUSL Romagna • Any bibliography suggested in class by the teacher
Times and location	<p>Duration: 3 hours Cesena Headquarters : Viale Ghirotti, 286 Rimini Office : SGR Hall, Viale Chiabrera 34/b</p>

ASSISTANCE TO PERSONS UNDERGOING DIALYSIS

<p>Goals</p>	<ul style="list-style-type: none"> • Develop skills in planning and managing care for people with renal and chronic disease, with particular interest in: <ul style="list-style-type: none"> ✓ Extracorporeal dialysis and peritoneal dialysis: principles, differences, advantages and disadvantages, and enrollment criteria ✓ Vascular access for hemodialysis: nursing management of AVF and CVC for dialysis ✓ Dialysis patient movement and fall prevention: the problem of uremic osteodystrophy ✓ Therapeutic education of the dialysis patient: the problem of diet ✓ Palliative care in dialysis
<p>Reference bibliography</p>	<ul style="list-style-type: none"> • Brunner Suddarth. <i>Medical-Surgical Nursing</i> ; Fifth Edition; CEA, 2017. Chapter 54 • Identification, prevention, and management of chronic kidney disease in adults. FADOI Guidelines, 2015 • Any bibliography suggested in class by the teacher
<p>Times and location</p>	<p>Duration: 3 hours Cesena Headquarters : Viale Ghirotti, 286 Rimini Office : SGR Hall, Viale Chiabrera 34/b</p>

CARE FOR PATIENTS WITH ONCOLOGICAL DISEASE AND PALLIATIVE CARE

Goals	<ul style="list-style-type: none"> • Develop skills in planning and managing care for people with cancer, with particular interest in: <ul style="list-style-type: none"> ✓ Patient-nurse relationship ✓ Therapy management: manipulation, side effects, extravasation ✓ Presentation of the treatment pathways • Activate reflection on: <ul style="list-style-type: none"> ✓ General and ethical aspects of palliative care, Law 38/2010 ✓ Protection and dignity of the patient and his quality of life ✓ Assistance to the patient in palliative care and his family ✓ Presentation of a clinical case
Reference bibliography	<ul style="list-style-type: none"> • Brunner Suddarth. <i>Medical-Surgical Nursing</i> ; Fifth Edition; CEA, 2017. Chapters 15, 16 • AIOM Guidelines 2017. Elderly, Antiemetic Therapy, Cancer Cachexia, Cancer Pain Management, Psychosocial Care • Law 38/2010 • Core curriculum for palliative care nurses SICP 2012 (Italian Society of Palliative Care) • Any bibliography suggested in class by the teachers
Times and location	<p>Duration: 4 hours Cesena Headquarters : Viale Ghirotti, 286 Rimini Office : SGR Hall, Viale Chiabrera 34/b</p>

***NUTRITION PRINCIPLES: CHOOSING THE DIET
CUSTOMIZED***

Goals	<ul style="list-style-type: none"> • Nutrition and lifestyle principles for people with diabetes mellitus, liver cirrhosis, cardiovascular disease, renal failure, chronic inflammatory bowel disease, neurological diseases, geriatric patients, and dysphagia • Malnutrition and ONS (Oral Nutrition Supplement) • Personalized hospital diet
Reference bibliography	<ul style="list-style-type: none"> • AUSL Romagna corporate procedures • Any bibliography suggested in class by the teacher • 2018 guidelines for healthy and balanced nutrition • Sinpe/Espen Guidelines • AMD/SID Guidelines – Diabetic Patient
Times and location	<p>Duration: 3 hours Cesena Headquarters : Viale Ghirotti, 286 Rimini Office : SGR Hall, Viale Chiabrera 34/b</p>

CONNECTED CARE: DIGITAL TECHNOLOGY IN HEALTHCARE

Goals	<ul style="list-style-type: none"> • An in-depth look at the opportunities offered by the digital transition, the success factors, and the responsibilities involved in digital transformation in healthcare. • To investigate the challenges and changes that nurses and other health professionals face for an integrated management of different clinical conditions, examining in depth the training aspect • Explain the Position Paper on Digital Healthcare by focusing on perspectives and lines of development, reaffirming the centrality of the care relationship in the Connected Care paradigm • Examine organizational and operating models, as well as personal care and management
Reference bibliography	<ul style="list-style-type: none"> • Bibliography suggested in class by the teacher
Times and location	<p>Duration: 3 hours Cesena Headquarters : Viale Ghirotti, 286 Rimini Office : SGR Hall, Viale Chiabrera 34/b</p>

LABORATORY PROFESSIONAL 3

MODULE 1 - ASSISTANCE TO THE PERSON WITH POLYTRAUMA

PATIENT ASSESSMENT AND MOBILIZATION, USE OF IMMOBILIZATION DEVICES

Goals	<ul style="list-style-type: none">• Know and apply the principles for operating safely in the rescue of multiple trauma patients.• Know and apply the principles of immobilization (immobilization in physiological and pathological positions).• Know and apply immobilization devices: cervical collar, spine board, KED, scoop, limb immobilizers, decompression immobilizers, immobilization accessories.
Reference bibliography	<ul style="list-style-type: none">• Advanced trauma life support (ATLS®): the ninth edition, 2012• M. Chiaranda; <i>Emergencies and Urgencies. Institutions</i> ; Piccin, 2016, 4th edition• Company Procedures – AUSL Romagna
Times and location	Duration: 3 hours Cesena office : Viale Ghirotti, 286 Rimini office : via Flaminia, 76

MODULE 2 – ASSISTANCE TO THE PERSON WITH ACUTE RESPIRATORY FAILURE

PERSONAL CARE WITH NON-INVASIVE VENTILATION

Goals	<ul style="list-style-type: none"> • Managing the patient on non-invasive ventilation: patient preparation, selection criteria and positioning of the interface • Assisting the patient during ventilation: clinical and multiparametric monitoring • Assist in the weaning phases from NIV • Recognize the most common complications and problems during NIV • Manage CPAP (mask and helmet), BiPAP (nasal, oronasal and full-face mask) systems
Reference bibliography	<ul style="list-style-type: none"> • M. Chiaranda; <i>Emergencies and Urgencies. Institutions</i> ; Piccin, 2016, 4th edition • P. Badon, M. Canesi, A. Monterosso, F. Pellegatta, <i>Nursing Procedures</i> , Zanichelli, 2018. Sheet 50, 109, 110, 112, 115, 122, 123, 124 • Brunner Suddarth. <i>Medical-Surgical Nursing</i> ; CEA, 2017, 5th edition. Chapters 21, 22 • Roberto Cosentini, Stefano Aliberti, Anna Maria Brambilla, <i>The ABC of Non-Invasive Mechanical Ventilation in Emergency</i>, McGraw Hill, 2010 • Guidelines: EUROPEAN RESPIRATORY SOCIETY – ERS, AMERICAN THORACIC SOCIETY – ATS, BRITISH THORACIC SOCIETY - BTS • Company Procedures – AUSL Romagna
Times and location	<p>Duration 3 hours Cesena office : Viale Ghirotti, 286 Rimini office : via Flaminia, 76</p>

MODULE 2 – ASSISTANCE TO THE PERSON WITH ACUTE RESPIRATORY FAILURE

CARE FOR PERSONS WITH INVASIVE VENTILATION

Goals	<ul style="list-style-type: none"> • Prepare the unit to receive an intubated patient: ventilator and multiparameter monitor • Manage the ventilator and ventilation circuit: manage ventilator settings and alarms; connect/replace the ventilation circuit; apply/replace the active/passive humidification system • Monitor the patient and manage the multi-parameter monitor: ECG, IBP, NIBP, spO₂, ETCO₂, TC • Interpreting parametric changes: data appropriateness and reference values • Assist in patient intubation/extubation • Recognize the most frequent complications and problems during invasive ventilation • Managing an intraarterial catheter: introduction, dressing, collection, removal • Suction the patient with an endotracheal tube with an open/closed system • Assist the patient in performing fibrobronchoscopy
Reference bibliography	<ul style="list-style-type: none"> • Hinkle Gl. Cheever Kh. Brunner Suddarth. <i>Medical-Surgical Nursing</i> ; CEA, 2017, 5th edition. Chapters 21, 22 • M. Chiaranda; <i>Emergencies and Urgencies. Institutions</i> ; Piccin, 2016, 4th edition • G.D. Giusti, M. Benetton, <i>Guide to Monitoring in Critical Areas</i> , Maggioli Editore, 2015 • P. Badon, M. Canesi, A. Monterosso, F. Pellegatta, <i>Nursing Procedures</i> , Zanichelli, 2018. Sheets 36, 39, 50, 103, 108, 109, 112, 115, 124 • Company Procedures – AUSL Romagna
Times and location	<p>Duration: 3 hours Cesena office : Viale Ghirotti, 286 Rimini office : via Flaminia, 76</p>

MODULE 3 – CARE FOR PERSONS WITH SEPSIS
***NURSING ASSESSMENT AND ASSISTANCE
 TO THE PERSON WITH SEPSIS IN CRITICAL CARE***

Goals	<ul style="list-style-type: none"> • Develop skills in planning and managing care for people with sepsis, with particular interest in: clinical manifestations, recognition of warning signs, diagnostic tests, treatment
Reference bibliography	<ul style="list-style-type: none"> • Surviving Sepsis Campaign: International Guidelines for Management of Sepsis and Septic Shock 2021 • M. Chiaranda, <i>Urgencies and Emergencies. Institutions</i> ; Piccin, 2016, 4th edition • Company Procedures – AUSL Romagna
Times and location	<p>Duration: 3 hours Cesena office : Viale Ghirotti, 286 Rimini office : via Flaminia, 76</p>

MODULE 3 – CARE FOR PERSONS WITH SEPSIS

ARTERIAL AND VENOUS BLOOD GAS ANALYSIS: HOW TO RECOGNIZE THEM *MAIN CHANGES*

Goals	<ul style="list-style-type: none">• Define standard values for assessing the quality of pulmonary gas exchange, alveolar ventilation, and acid-base balance.• Buffer systems• Main causes of respiratory acidosis or alkalosis• Main causes of metabolic acidosis or alkalosis• Blood gas reading exercises• Venous blood gas analysis: SvO₂ as an indicator of perfusion
Reference bibliography	<ul style="list-style-type: none">• Bibliography suggested in class by the teacher
Times and location	Duration: 3 hours Cesena office : Viale Ghirotti, 286 Rimini office : via Flaminia, 76

MODULE 3 – CARE FOR PERSONS WITH SEPSIS

HEALTH DOCUMENTATION, NURSING DELIVERIES

Goals	<p>Administration of a clinical case developed using the Log80 test environment to then verify the correct writing criteria, discussing:</p> <ul style="list-style-type: none">✓ What does the health documentation include?✓ Medical records: legal and healthcare value, safety of care✓ Know the formal and substantive requirements of the medical record: truthfulness, accuracy, traceability, relevance, clarity, contextuality, completeness✓ The authors of the public act of privileged faith: doctor (public official) and nurse (public service employee)✓ Handover: How it happens, various methodologies, the SBAR (Situation, Background, Assessment, Recommendation) method✓ Group discussion of clinical cases using role-playing methodology
Reference bibliography	<ul style="list-style-type: none">• Any bibliography suggested by the teachers in the classroom
Times and location	<p>Duration: 3 hours Cesena office : Viale Ghirotti, 286 Rimini office : via Flaminia, 76</p>

MODULE 4 – THE HELPING RELATIONSHIP

NARRATIVE MEDICINE

Goals	<ul style="list-style-type: none">• What is narrative medicine: sharing clinical cases and experiences, reading patient stories• Principles and techniques of active listening• Writing and narrative reflection: a writing exercise on an internship experience with attention to emotions and difficulties.• Practical applications on a clinical case with a focus on communication and listening to the patient• Final reflection: how to apply narrative medicine in the workplace
Reference bibliography	<ul style="list-style-type: none">• Bibliography suggested by the teacher in the classroom• Rita Charon – Narrative Medicine: honoring the stories of illness• Arthur W. Frank – The Wounded storyteller: body, illness and ethics• Elena Malaguti – Stories of Illness: Narration and Care in the Healthcare Professions• Maria Chiara Contini – The Profession of Caring: Nurses' Stories
Times and location	<p>Duration: 3 hours Cesena office : Viale Ghirotti, 286 Rimini office : via Flaminia, 76</p>

MODULE 4 – THE HELPING RELATIONSHIP

HYPNOTIC COMMUNICATION

Goals	Acquisition of knowledge and skills related to hypnotic communication techniques to promote patient compliance with care and rehabilitation plans and to manage pain and procedural anxiety. Main topics: <ul style="list-style-type: none">• Elements of neurolinguistics for hypnotic communication: active listening, how the brain works, the economy of the mind, the words that create experience• Performative role of conscious words• Creating the report• Word exercises and reading and interpretation of clinical cases with specific scenarios to understand driving techniques and strategies• Direct execution of practical or technical activities by all participants, role playing
Reference bibliography	<ul style="list-style-type: none">• P. Borzacchiello, “Be Careful How You Speak,” Ed. Mondadori, 2024• P. Watzlawick. “The Language of Change: Elements of Therapeutic Communication,” Feltrinelli Publishing, 2013• F. Benedetti. “Hope is a Medicine: How Words Can Conquer Illness,” Mondadori Publishers, 2018• Any further bibliography suggested in class by the teacher
Times and location	Duration: 3 hours Cesena office : Viale Ghirotti, 286 Rimini office : via Flaminia, 76

MODULE 5 – DIAGNOSTIC-THERAPEUTIC PROCEDURES

NURSING ULTRASOUND

Goals	<ul style="list-style-type: none">• Introduction to ultrasound with principles of sound physics• Basics of abdominal ultrasound• Lung ultrasound concepts• Vascular ultrasound evaluation of the upper limbs• Ultrasound guidance and ultrasound assistance in finding peripheral vascular access (DIVA criteria)• Ultrasound guidance and ultrasound assistance in the main invasive nursing procedures such as bladder catheterization• Practical applications of bedside nursing ultrasound and aspects legal
Reference bibliography	<ul style="list-style-type: none">• Bibliography suggested by the teachers
Times and location	Duration: 6 hours Cesena office : Viale Ghirotti, 286 Rimini office : via Flaminia, 76

SEMINARS OF INSIGHT II

ORGAN DONATION AND TRANSPLANTS

Goals	<ul style="list-style-type: none">• Activate reflection on:<ul style="list-style-type: none">✓ Certification of brain death, Law 29/12/1993 n. 578, Ministerial Decree 11/04/2008✓ Potential Donor Management✓ Local coordination✓ Citizens' Expression of Will to Donate, Law 1/04/1999 n. 91
Reference bibliography	<ul style="list-style-type: none">• Regulatory references cited above• Company Procedures – AUSL Romagna• Any bibliography suggested in class by the teacher
Times and location	<p>Duration: 5 hours Cesena Headquarters : Viale Ghirotti, 286 Rimini Office : SGR Hall, Viale Chiabrera 34/b</p>

GENDER MEDICINE

Goals	<ul style="list-style-type: none"> • Understand how gender differences influence aspects of physiology, pathology and pharmacology • Understanding how the disease manifests itself in the two genders with respect to symptoms, different needs, different diagnostic/therapeutic paths
Reference bibliography	<ul style="list-style-type: none"> • Bibliography suggested in class by the teacher(s)
Times and location	<p>Duration: 2 hours Cesena Headquarters : Viale Ghirotti, 286 Rimini Office : SGR Hall, Viale Chiabrera 34/b</p>

INTERCULTURAL MEDICINE

Goals	<ul style="list-style-type: none"> • Understanding the relationship between culture and society and how they can impact medicine • Being able to offer the patient the right treatment considering their culture and country of origin • Communication techniques: how can we professionals act? Reflection and new interpretations • Main topics: transcultural nursing, societal biases and some real-life examples, obstacles to adequate nursing care for a foreign patient
Reference bibliography	<ul style="list-style-type: none"> • Bibliography suggested in class by the teacher(s)
Times and location	<p>Duration: 2 hours Cesena Headquarters : Viale Ghirotti, 286 Rimini Office : SGR Hall, Viale Chiabrera 34/b</p>

GENDER VIOLENCE

Goals	<ul style="list-style-type: none"> • Understand the extent, characteristics, and different types of gender-based violence and their consequences. • Gain awareness of the skills and roles of healthcare workers in caring for victims of violence: intervention procedures within the hospital; evidentiary medical tests and physical examination documentation (photographs, samples, analyses); the care process and the network of internal and external collaborations within the hospital; legal obligations of healthcare workers and how to comply with them. • Increase the capacity for interaction and assistance to victims of violence.
Reference bibliography	<ul style="list-style-type: none"> • AUSL Romagna corporate procedures • Bibliography suggested in class by the teacher(s)
Times and location	<p>Duration: 4 hours Cesena Headquarters : Viale Ghirotti, 286 Rimini Office : SGR Hall, Viale Chiabrera 34/b</p>

ASSISTANCE TO PERSONS WITH BURNS

Goals	<ul style="list-style-type: none"> • Develop skills in planning and managing burn patient care, with particular interest in: <ul style="list-style-type: none"> ✓ Classification of burns and dermatological conditions that may require admission to intensive care. ✓ Identifying care priorities in the three phases of care ✓ Burn treatment and the role played by the nurse: cleansing, dressing, excision, dermabrasion, grafts. ✓ Objectives and role played by the nurse in each treatment: pain therapy, nutritional support, pulmonary function support, fluid and electrolyte balance, psychological support for the patient and family members.
Reference bibliography	<ul style="list-style-type: none"> • G. Caminati, A. Peghetti, 2012, <i>Acute Wounds</i>, Mc Graw-Hill, Milan • Brunner Suddarth. <i>Medical-Surgical Nursing</i>; CEA, 2017, 5th edition. Chapter 62 • European Burns Association (EBA) “ European Practice Guidelines for Burn Care” Vienna 2013 • Company Procedures – AUSL Romagna • Any bibliography suggested in class by the teacher
Times and location	<p>Duration: 4 hours Cesena Headquarters : Viale Ghirotti, 286 Rimini Office : SGR Hall, Viale Chiabrera 34/b</p>

CARE FOR PATIENTS WITH NEUROSURGICAL PROBLEMS

Goals	<p>Develop skills in planning and managing care for people with :</p> <ul style="list-style-type: none"> • Traumatic brain pathologies: extradural hematoma, acute and chronic subdural hematoma, intraparenchymal hematoma • Spinal pathologies: cervical and lumbar disc herniation, lumbar stenosis, spondylolisthesis, vertebral trauma, spinal neoplasm • Primary brain tumor: glioma, meningioma, pituitary adenoma • Cerebrovascular diseases: arteriovenous malformation, cerebral aneurysm • Intracranial hypertension
Reference bibliography	<ul style="list-style-type: none"> • Brunner Suddarth. <i>Medical-Surgical Nursing</i> ; Fifth Edition; CEA, 2017. Unit 16 • G. Staffa, <i>Elements of Neurosurgery</i> , Timeo Editore, 2012 • Any bibliography suggested in class by the teacher
Times and location	<p>Duration: 4 hours Cesena Headquarters : Viale Ghirotti, 286 Rimini Office : SGR Hall, Viale Chiabrera 34/b</p>

POISONINGS AND INTOXICATIONS

Goals	<ul style="list-style-type: none">• Develop care planning and management skills with:<ul style="list-style-type: none">✓ Poisoning by inhalation or swallowing, skin contamination and food poisoning✓ Drug overdose (digitalis, benzodiazepines, tricyclic and quadricyclic antidepressants) and narcotic substances✓ Acute alcohol intoxication✓ Carbon monoxide (CO) poisoning
Reference bibliography	<ul style="list-style-type: none">• Brunner Suddarth. <i>Medical-Surgical Nursing</i> ; CEA, 2017, 5th edition. Chapter 72• Any bibliography suggested in class by the teacher
Times and location	<p>Duration: 3 hours Cesena Headquarters : Viale Ghirotti, 286 Rimini Office : SGR Hall, Viale Chiabrera 34/b</p>

INCLUDE SOCIAL VALUE IN CARE TIME

Goals	<ul style="list-style-type: none"> • Understanding social services inside and outside the hospital to understand which priorities to enhance based on the context, the importance of information focused on the current state of care in the operating unit/service to which you belong • Reflect on the inclusion of social aspects in multiprofessional teams, focusing on the functions and connections between the health, care, and social components in constructing the patient's hospital journey. When should a social assessment be performed? • Draw and co-construct social maps during the conversation with the patient and caregiver, focusing on the fragilities to be observed, listened to and shared; importance of communication
Reference bibliography	<p>Community and family interventions, working notes for a primary health care approach to the territory 2025 CC, Edited by Martino A.</p>
Times and location	<p>Duration: 3 hours Cesena Headquarters : Viale Ghirotti, 286 Rimini Office : SGR Hall, Viale Chiabrera 34/b</p>

Working Group Members, year 2024:

Spadola Milena, Borgogelli Martina, Ceccaroni Giovanni, Cervellieri Francesca, Colamaria Nicola, Comanducci Elisabetta, Di Giacomo Patrizia, Floris Romina, Gabetti Annalisa, Garattoni Denise, Grisanti Erica, Marsili Caterina, Nisi Giuseppina, Paci Giulia, Pierboni Lara, Pruccoli Ilaria, Ricci Filippo.

With the contribution of the Master's Degree student in Nursing and Midwifery Sciences:

Julia Goliath

2nd Revision

Rimini, October 8, 2025