

Academic Year/course: 2021/22

## 25444 - Clinical Nursing IV

### Syllabus Information

**Academic Year:** 2021/22

**Subject:** 25444 - Clinical Nursing IV

**Faculty / School:** 127 - Facultad de Ciencias de la Salud

275 - Escuela Universitaria de Enfermería de Huesca

375 - Escuela Universitaria de Enfermería de Teruel

**Degree:** 559 - Degree in Nursing

560 - Degree in Nursing

561 - Degree in Nursing

**ECTS:** 6.0

**Year:** 4

**Semester:** First semester

**Subject Type:** Compulsory

**Module:**

## 1. General information

## 2. Learning goals

## 3. Assessment (1st and 2nd call)

## 4. Methodology, learning tasks, syllabus and resources

### 4.1. Methodological overview

The learning process that has been designed for this Topic is based on the following:

The Topic has a theoretical and applied orientation, therefore, the activities that are planned are focused on the acquisition of a series of knowledge and its use in the resolution of practical cases related to the clinical and therapeutic aspects of care of the different pathologies

In its research aspect, it is studied how to carry out a systematic review and carry out one of the syllabus of the program as the fieldwork of the Topic.

The training activities of this Topic have a time commitment per student of 40 hours of Master Class, 10 hours of Practice sessions and the rest dedicated to work and study of the student to complete the assigned 150 hours.

Classroom materials will be available via Moodle.

Further information regarding the course will be provided on the first day of class.

The order of delivery of the contents can be modified depending on the circumstances and the organizational needs of the center. Given the current situation, the possibility is considered that teaching can also be done online.

### 4.2. Learning tasks

The program provides for students the assistance to get the achievement of the expected results. It includes the following activities:

**Theoretical classes:** Lectures and Sessions explanatory content. Always accompanied by forum debate. relevant and

innovative aspects of the different pathologies were presented, focusing on the pathophysiology, physical examination, diagnostic tests, combined treatment and special procedures, nursing diagnoses and the planning and evaluation of nursing interventions specific for each patient.

**Practice sessions:** Special clinical situations and solving cases. Analysis of the related literature with seminars.

**Guided study:** Working with students in small groups, the ability to perform work review. The key aspects of what is a revision are presented and then, it begins.

**Working Group:** Preparation of seminars, data analysis, information searching and extra readings.

**Tutoring/evaluation:** Direct attention to the student. Identification of learning problems. Orientation in the subject. They are evaluated about learned skills and attitudes that have been detected so as to deficiencies in other training activities.

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### 4.3. Syllabus

Each thematic block teaches the students about various disorders, their pathophysiological mechanisms, how the disorder manifests itself in the patient, how is diagnosed, therapeutic tools available and nursing care conducive to a favorable evolution.

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#### 1. Pathology of the Kidney and Urinary Tract:

- 1.1. -Topic I.....Anatomo-functional reminder.
- 1.2. -Topic II.....Semiology urinary tract.
- 1.3. -Topic III.....Screening and diagnostic methods.
- 1.4. -Topic IV.....Acute Renal Failure.
- 1.5. -Topic V.....Chronic Renal Failure.
- 1.6. -Topic VI.....Glomerulopathies.
- 1.7. -Topic VII .....Tubulointerstitial nephropathies.
- 1.8. -Topic VIII.....Infectious pathology of the kidney and urinary tract.
- 1.9. -Topic IX .....Obstructive uropathy. Urolithiasis
- 1.10.-Topic X.....Tumors of the urinary tract
- 1.11.- Practice sessions I .....Renal replacement therapy: renal transplantation, hemofiltration, Dialysis. Peritoneal and Hemodialysis.

#### 2. Pathology of the Endocrine System

- 2.1. -Topic XI..... Anatomo-functional reminder
- 2.2. -Topic XII..... General pathology of the endocrine system.
- 2.3. -Topic XIII.....Screening and diagnostic methods.
- 2.4. -Topic XIV..... Hypothalamic syndrome.
- 2.5. -Topic XV.....Pituitary Pathology: GH, PRL and ADH.
- 2.6. -Topic XVI ..... Thyroid disease: Hyperthyroidism, Hypothyroidism. Goiter. Thyroid cancer.
- 2.7. -Topic XVII..... Adrenocortical pathology.
- 2.8. -Topic XVIII.....Pathology adrenal medulla.
- 2.9. -Topic XIX..... Pathology of gonads.
- 2.10.-Topic XX..... Parathyroid.

#### 3. Metabolic Diseases

- 3.1 - Topic XXI..... Diabetes Mellitus.
- 3.2.- Topic XXII..... Hypoglycemia
- 3.3.- Topic XXIII.....Hypercholesterolemia Hypertriglyceridemia.
- 3.4.- Topic XXIV..... Hyperuricaemia. Gout
- 3.5.- Topic XXV..... Obesity
- 3.6.- Practice sessions II..... Diabetes Education

#### 4. Hematologic Diseases

- 4.1.- Topic XXVI .....Anatomo-functional reminder

- 4.2.- Topic XXVII .....Screening and diagnostic methods.
- 4.3.- Topic XXVIII .....Red Series: Anemias and Poliglobulias.
- 4.4.- Topic XXIX .....White Series: Leukemias and Lymphomas.
- 4.5.- Topic XXX ..... Pathology of hemostasis: Bleeding diathesis
- 4.6.- Practice sessions IV .....Bone marrow transplant.

#### 5. Pathology of the Nervous System

- 5.1.- Topic XXXI.....Anatomo-functional reminder.
- 5.2.- Topic XXXII.....Screening and diagnostic methods.
- 5.3.- Topic XXXIII..... Pathology Motility, Tone and Reflexes.
- 5.4.- Topic XXXIV..... Sensitivity Pathology. Ataxia.
- 5.5.- Topic XXXV ..... Topographic neurological syndromes.
- 5.6.- Topic XXXVI..... Aphasias
- 5.7.- Topic XXXVII.....Pathology extrapyramidal system.
- 5.8.- Topic XXXVIII.....Cerebrovascular disease.
- 5.9.- Topic XXXIX..... Coma
- 5.10.-Topic XL..... Epilepsy.
- 5.11.-Topic XLI..... Intracranial hypertension.
- 5.12.-Topic XLII..... Brain tumors.
- 5.13.-Practice sessions III..... Bedridden patient/Subcutaneous administration

#### 6. Infectious Diseases

##### Borne diseases Airway

- 6.1. -Topic XLIII.....Tuberculosis.
- 6.2. -Topic XLIV..... Flu.
- 6.3. -Topic XLV..... Meningitis.

##### Borne diseases gastrointestinal tract

- 6.4. -Topic XLVI..... Typhoid and other Salmonellosis.
- 6.5.-Topic XLVII..... Disenteric syndrome: Amebic and bacillary dysentery.
- 6.6. -Topic XLVIII.....Hepatitis A and E.

##### Borne diseases parenteral via

- 6.7. -Topic IL..... Hepatitis B, C and D.
- 6.8. -Topic L..... Acquired Immunodeficiency Syndrome (AIDS)

##### Zoonotic Diseases:

- 6.9. -Topic LI..... Hidatidosis
- 6.10.-Topic LII.....Brucellosis.
- 6.11.- Practice sessions IV..... Punctures.

### 4.4. Course planning and calendar

Schedule sessions and presentation of works at the beginning of the course and along the same, both in the sessions and the ADD (Digital Teaching Ring), will be scheduled the dates and deadlines for the different activities of the subject.

### 4.5. Bibliography and recommended resources

<http://psfunizar10.unizar.es/br13/egAsignaturas.php?codigo=25444>