

OCCUPATIONAL THERAPY IN SURGICAL PATIENTS

Degree in Occupational Therapy

Course 2022-23

Code: 804162

Module: 3

Subject: TO in Clinical Conditions

Type of course: Compulsory

Course: Second

Semester: consult calendar

Department: Surgery

Credits: 9 ECTS

TEACHING STAFF

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<p>DESCRIPTION – OBJECTIVES</p> <p>It is a core course whose main objective is the training in theoretical and practical knowledge of the surgical pathological processes. Many of these processes determine some degree or form of subsequent disability and the necessary action of the Occupational Therapist. The aim is that the students through the knowledge of the physiopathological bases, characteristics and complications of surgical diseases are trained to develop a comprehensive an integral work of assistance to patients in their activities, both common in daily life and work activities, and as a priority objective to guarantee a proper guarantee a correct psychic and physical recovery of the patient.</p>	<p>CONTENTS</p> <p>General Surgical Pathology</p> <ul style="list-style-type: none">o Research and Occupational Therapy 1.o Research and Occupational Therapy 2.o Research and Occupational Therapy 3.o Minimizing surgical aggression: multimodal rehabilitation.o Sequelae of the COVID-19 pandemic.o Local anesthesia.o Trauma: concept and classification. Healing 1.o Trauma: Concept and classification. Healing 2.o Contusions and Wounds 1.o Contusions and Wounds 2.o General Anesthesia. Complications. Sequelae.o Sequelae of Surgical Oncology. <p>Special Surgical Pathology</p> <ul style="list-style-type: none">o Cranio-encephalic pathology. Treatment Surgical treatment. Complications and sequelae.o Cranioencephalic pathology. Evolution postoperative. Chronic paino Sequelae of spinal cord injuries and disc herniation.o Sequelae of thoracic surgery.o Pneumothorax. Types and sequelae.o Cardiac surgery in occupational therapy.o Peripheral venous insufficiency and its complications. Ulcers. Thrombophlebitis. Pulmonary embolism.o Arterial pathology. Ischemia. Amputations.
<p>COMPETENCIES</p> <p>They are those corresponding to the Module and Subject to which this subject this subject belongs to</p> <p>General Competences CG.06., 08., 10., 11., 12., 13., 14. and 17.</p> <p>Specific Competences CE M1.2., M1.6., M1.7., M1.8., M2.29., M2.3., M3.1., M3.2., M3.3., M3.4. y M4.2</p>	

- o Cardiac Surgery in Occupational Therapy
- o Thyroid cancer.
- o Maxillofacial and cervical pathology. Disorders of occlusion and swallowing 1.
- o Maxillofacial and cervical pathology. Disorders of occlusion and swallowing 2.
- o Hernias and eventrations. Complications and sequelae.
- o Morbid obesity.
- o Pelvic floor.
- o Complications and sequelae of esophagogastric surgery.
- o Colorectal cancer.
- o Pediatric surgery 1.
- o Pediatric surgery 2.
- o Breast pathology 1.
- o Breast pathology 2.
- o Breast Pathology 3.

Pathology of the Locomotor System

- o Polytraumatized.
- o Joint physiopathology. Acute and chronic arthritis.
- o Arthrosis.
- o Bone pathology: infections and necrosis.
- o Tumoral bone pathology.
- o Pathology of muscles, tendons, sheaths and serous serous bags.
- o Pathology of the peripheral nervous system.
- o Bone dysplasias.
- o Chronic polyarthritis.
- o Fractures.
- o Treatment of fractures. o Complications. Sequelae.
- o Trauma of the shoulder girdle. Shoulder dislocation.
- o Fractures of the proximal extremity and humeral diaphysis.
- o Trauma of the elbow.
- o Fractures of the forearm and wrist.
- o Hand traumas.
- o Pelvis and proximal femur extremity fractures.
- o Fractures of the diaphyseal and distal femur extremity.
- o Traumatic injuries of the knee.
- o Fractures of the tibia and injuries of the ankle.
- o Fractures and dislocations of the foot.
- o Special pathology of the foot.

EVALUATION CRITERIA

It will be carried out considering the activities performed:

works, personal and group presentations (face-to-face or through the Virtual Campus) and participation in discussions after the exposition of the topics.

Attendance, degree of participation and knowledge acquired in the seminars.

Assimilation of the knowledge included in the syllabus the syllabus by means of a Final Examination by means of multiple-choice questions with four answer options.

The voluntary or accidental infringement of the rules for the conduct of the the exam will prevent the evaluation of the exam.

the student will sit for the oral examination of the subject oral examination of the subject to establish his knowledge of the subject. If it is confirmed In the event that the cheating is confirmed as intentional, it will be considered a very serious misconduct, and will be brought to the attention of the the Service Inspectorate to take the disciplinary measures it deems appropriate.

BIBLIOGRAPHY

- ARIAS, J.; ALLER, M.A.; ARIAS, J.I.; LORENTE, L., Surgical Physiopathology. Traumatismos, Infecciones, Tumors, Editorial Tebar, Madrid, 1-564, 1999.
- ARIAS, J.; ALLER, M.A.; FERNÁNDEZ-MIRANDA, E.; ARIAS, J.I.; LORENTE, L., Propedéutica Quirúrgica. Editorial Tébar, Madrid, 1-721, 2004.
- GREENE, W.B., Netter Orthopedics. Editorial Masson, Barcelona, 2007.
- MCRAE, R.; ESSER, M., Practical Treatment of Fractures, 4th ed. Elsevier, Madrid, 2003.
- MARCO, F.; URDA, A.L. Traumatología y Ortopedia para el Grado de Medicina, 1st ed., Elsevier, Barcelona, 1-576, 2015.
- MARTINEZ, L.J. How to search and use scientific information. Guide for undergraduate students. Ed Universidad Cantabria, Santander, 1-210, 2016.

LINK OF INTEREST

Web of the Department:

www.ucm.es/cirugia/librodetexto

Cardiopulmonary Resuscitation Web: www.erc.edu