

PEDIATRICS

Degree in Occupational Therapy

Course 2022-23

Code: 804163

Module: 3

Subject: Occupational Therapy

Subject type: Compulsory

Department: Public and maternal and child health

Credits: 6 ECTS

Course: Second

Teaching period: check calendar

FACULTY

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Sentchordj, Lucia

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Vecino López, Raquel

Villa Alcázar, Emilio

SHORT DESCRIPTION

Through the theoretical lessons, of 50 minutes of duration, theoretical knowledge is taught

necessary, integrated with the knowledge practices of the seminars to achieve the objectives. Both theoretical lessons and seminars are taught by specially qualified teachers within the field of Pediatrics for the different topics.

OBJECTIVES

1. Know the characteristics of the normal child from birth and throughout development until adulthood, the relationship with the family and their environment, as well as preventive aspects and actions to promote health in this period.
2. Know childhood diseases delving into those that are chronicled or produce sequelae (transient or permanent) that prevent normal daily activity. Know treatment options and measures intervention aimed at improving the quality of life and provide autonomy to the pediatric patient.
3. Know family risk situations and social, which influence the health and development of the child and adolescent.

COMPETENCES

They are those corresponding to the Module and Subject to which belongs to this subject.

General Competences

CG.06., 08., 10., 11., 12., 13., 14.y 17.

Specific Competences

EC. M1.2., M1.6., M1.7., M1.8., M2.29., M2.3.,

M3.1., M3.2., M3.3., M3.4. and M4.2.

THEORETICAL

Topic 1. Introduction. occupational therapy in pediatrics.

Topic 2. Psychomotor development in the child

Topic 3. Occupational therapy in children with delay in psychomotor development.

Topic 4. Newborn at term and preterm. Exploration and care. Problems associated with prematurity and sequelae

Topic 5. Diseases and syndromes with hypotonia. Intervention from occupational therapy in the Down's Syndrome

Topic 6. Diseases and syndromes with hypertonia. Intervention from occupational therapy

Topic 7. The growth and development of the child and its assessment (auxology, anthropometry and nutritional assessment).

Topic 8. Adolescence: conduct disorders and risks.

Topic 9. Child feeding: breastfeeding, artificial feeding, complementary feeding, special situations. feeding techniques

Topic 10: Therapy intervention occupational food. Issues more frequent. perspectives from sensory integration

Topic 11. Infectious diseases prevalent in the childhood. Vaccines

Topic 12. Risk factors and prevention of Cardiorespiratory arrest. Revival cardiopulmonary in pediatrics.

Topic 13. Disorders of the locomotor system

Topic 14: Intervention in rehabilitation units. Spina bifida.

Topic 15 Intervention in occupational therapy in muscular dystrophy, congenital malformations and obstetric brachial palsy

Topic 16. Infant Cerebral Palsy. Definition, classification and frequent associated problems

Topic 17. Intervention in PCI from Therapy occupational

Topic 18. Visual neurosensory disorders.

Topic 19. Auditory neurosensory disorders.

Topic 20. Sensory integration part 1

Topic 21. Sensory integration part 2

Topic 22. Language and learning disorders.

Topic 23. Developmental disorders: delay maturational, cognitive deficit, PDD and disorders of the Autistic spectrum.

Topic 24. Intervention from occupational therapy in attention deficit hyperactivity disorder and in autism spectrum disorder

Topic 25. Child abuse. ethics in pediatrics

Topic 26. Occupational therapy models in the childhood. Family-centered occupational therapy. Attention to the caregiver.

Topic 27: Patient subjected to invasive techniques. Patient care with special chronic pathology.

Topic 28: Challenges for the future: intervention in the child of palliative care

Topic 29 Family experience with occupational therapy

PRACTICAL

Seminars

1. Assessment of normal psychomotor development and pathological. prematurity. Early attention

2. Sensory Integration. Strategies

3. Assessment/assessment instruments pediatric in occupational therapy.

4. Cardiopulmonary resuscitation in pediatrics.

5. Prevention and action in accidents and emergency situations in childhood

TEACHING METHODOLOGY

- 2-3 theoretical classes a week for 100% of enrolled students.
- Theoretical-practical teaching through seminars to be held in small groups of students (one third of the total enrolled).

EVALUATION CRITERIA

- Evaluation of theoretical topics through standard exam test
- Assistance to theoretical-practical seminars.
- Optional completion of personal work with the possibility of increasing the note of the course

BIBLIOGRAPHY

- Barbara A. Boyt Schell, Glen Gillen, Marjorie E. Scaffa. Willard and Spackman Therapy Occupational 12th ed., Ed. Panamericana, 2021
- Kielhofner Human Occupation Model: Theory and Application 4th ed., Ed. Pan American, 2011
- Mulligan, S. Occupational Therapy in pediatrics: evaluation process Ed. Pan American.2021
- B Polonio Occupational Therapy in the childhood: theory and practice Ed. Medica Pan American, 2021
- M Á Domingo Sanz. Therapy Occupational in pediatrics Ed Synthesis. 2015
- Robert M. Kliegman, Joseph St. Geme, Nathan Blum, Samir S. Shah, Robert C. Tasker. nelson Treatise on pediatrics, 21 ed. 2020
- M Moro, S Malaga, L Madero. Cross Pediatric Treatise. 11 ed. 2014
- Fejerman N, Arroyo. Motor Disorders Chronic Diseases in Children and Adolescents, Editorial Pan American, 2013.
- Bowyer P, Cahill SM. Pediatric Occupational Therapy Handbook: a guide to diagnoses and evidence-based interventions. Mosby Publishing.
- www.aota.org/Practice/Children-Youth.asp
- ENOTHE document, European Network on Higher Education in Occupational Therapy, on Competencies in Occupational Therapy