

68427 - Introduction to paediatrics research

Información del Plan Docente

Academic Year	2016/17
Academic center	104 - Facultad de Medicina
Degree	530 - Master's in Introduction to Medical Research
ECTS	5.0
Course	1
Period	Second semester
Subject Type	Optional
Module	---

1.Basic info

1.1.Recommendations to take this course

1.2.Activities and key dates for the course

2.Initiation

2.1.Learning outcomes that define the subject

2.2.Introduction

3.Context and competences

3.1.Goals

3.2.Context and meaning of the subject in the degree

3.3.Competences

3.4.Importance of learning outcomes

4.Evaluation

5.Activities and resources

5.1.General methodological presentation

The learning process that is designed for this subject is based on the following:

The course has a fundamentally applied orientation so that the activities proposed focus on the implementation of a number of fundamental principles of pediatrics at different stages of growth and development to specific cases in the field of clinical practice, notarization and / or clinical research.

5.2.Learning activities

The program that the student is offered to help you achieve the expected results includes the following activities ...

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The program that the student is offered to help you achieve the expected results includes the following activities ...

1. Master classes

2. Discussion forums through teaching digital ring

3. Literature review articles of interest Content Agenda with brief summary of some of them and critical of greater scientific relevance article

5.3.Program

PROGRAM

Nutrition and exploration nutritional status in children

1. Basic concepts in child nutrition

2. Body composition anthropometric assessment bioelectrical impedance . Absorptiometry and densitometry techniques.

3. Dietary surveys

4. Energy expenditure. Concepts and valuation. Rating activity and fitness.

Nutrition newborn normal and pathological

1. Evaluation of growth nutritional status and newborn

2. Breastfeeding for term and preterm newborn

3. Infant formula and special in feeding the newborn normal and pathological

4. Nutrition preterm newborn

Advances in pediatric endocrinology

1. Infant Obesity

2. Metabolic syndrome in child and adolescent obesity

3. Diabetes mellitus: new aspects

Advances in pediatric clinical genetics

1. Introduction to genetics in pediatrics: family tree

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2. The dysmorphic child

3. Chromosomopathies

5.4.Planning and scheduling

CalendarIt will be developed within the following dates and times: Tuesdays 10, 17, 24, 31 January, 7,14 and 21 February 2017 in time from 16 to 20h. Part of the course will be taught through the digital teaching ring, the teaching material will be introduced and forum participation is generated. Students bring their work and subsequently discussed in the classroom. all necessary information will be provided on the first day of class.

The final exam will take place on February 28, 2017. sessions and presentation of works

5.5.Bibliography and recomended resources