



UANL

UNIVERSIDAD AUTÓNOMA DE NUEVO LEÓN



1. Module Information Code:

• Name of the institution and school	Universidad Autónoma de Nuevo León, Facultad de Medicina.
• <u>Name of the course (learning unit)</u>	Pediatrics
• Total number of class hours- theory and/or practice	265
• Total number of hours of independent study	185
• <u>Course modality (face-to-face, online, hybrid)</u>	Face-to-face
• <u>Type of academic term (Semester or four-month)</u>	Semester
• <u>Type of course (required/elective)</u>	Required
• Curriculum area (ACFGU, ACFB, ACFP-F, ACFP-I)	ACFP-F
• UANL credit points (whole numbers)	15
• <u>Create date (mm/dd/yy)</u>	05/10/12
• <u>Date of last amendment made (mm/dd/yy)</u>	11/ 27/20
• Person(s) responsible for the design and amendment of the module:	Dr. med. Manuel E. de la O Cavazos Dr. med. Carlos Alberto Zapata Castilleja.

2. Purpose(s)

The purpose of this Learning Unit is to provide the health professional in training with the necessary skills for the understanding and generation of new knowledge that will allow him/her to provide care and attention to the human being from the newborn to the adolescent stage, as well as its interrelation with the health-disease continuum, thus collaborating with the other basic and clinical learning units so that the graduate assumes with optimal resolution capacity the health

problems of this stage of life, within a framework of professionalism and social responsibility. That is to say, it emphasizes the diagnosis and treatment of the pathologies related to Pediatrics, therefore it contributes in the profile of graduation in what corresponds to the formation of a doctor who solves the main problems of health of the first level of attention, on having acquired the capacity of Integrating the information of the clinical history, the findings of laboratory and the scientific evidence available to prevent and to establish the diagnosis and opportune managing of the most prevalent diseases in pediatric age.

With respect to the general competencies of the University, this Learning Unit responds in the use of formal language, the correct use of language; the use of logical and critical thinking that allows it to make decisions within its sphere of influence; handling of computer tools; and it favors autonomous learning, which will allow it to consolidate its medical training. As for the specific competences of the profession, it contributes in the scientific knowledge and its applicability through the clinic, solving the health problems of the first level of attention and referring in a timely manner to other specialists. It also promotes effective communication with patients, their families and other professionals, in addition to knowing how to work in a multidisciplinary team and always practicing medical ethics, respect, confidentiality and social commitment.

3. Competences of the graduate profile

a. General competences contributing to this learning unit.

Instrumental skills:

1. Apply autonomous learning strategies in the different levels and fields of knowledge that allow them make appropriate and relevant decisions in the personal, academic and professional fields.
3. Use the information and communication technologies as access tools to information and its transformation in knowledge, as well as for learning and collaborative work with cutting-edge techniques that allow its constructive participation in society.
8. Use methods and techniques of traditional and cutting-edge research for the development of their academic work, the practice of their profession and the generation of knowledge.

Personal and social interaction skills:

11. Practice the values promoted by the UANL: truth, equality, honesty, liberty, solidarity, respect for life and anyone's, peace, respect for nature, integrity, ethics behavior and justice, within their personal and professional environment in order to make a sustainable society.

Integrative skills

14. Resolve personal and social conflicts in accordance with specific techniques in the academic field and their profession for the proper decision making.

b. Specific competences of the graduate profile that contributes to the learning unit.

Scientific Basis of Medicine

development and evolution of a disease for decision-making and medical actions.

Professional Clinical Practice

- 2.- Solves clinical problems through deductive reasoning, interpretation of findings and definition of their nature with the aim of making decisions and determine action principles of the medical practice to follow in a responsible way, impacting individual and collective health.
- 3.- Evaluate the development and evolution of the disease through the analysis of biomedical information and related physical, social and cultural factors, promoting health education and fostering preventive medicine.
- 4.- Manages properly patients with the most frequent diseases from a biopsychosocial perspective, through the application of knowledge, technical procedures and basic diagnostic, based on clinical guides and attention protocols in order to solve the main health problems from the Primary Health Care level from individuals and the community.
- 5.- Manage common medical emergencies, applying treatment, procedures and minor interventions and make appropriate and timely referrals for patients requiring critical care for the preservation of life.
- 6.- Manages human resources, diagnostic interventions, therapeutic modalities, and options on health care according to national standards, promoting a quality culture in attention and guaranteeing patients' security

Critical Thinking and Research

- 7.- Applies the scientific method for the resolution of medical problems with an innovative, analytic and self-critical attitude for preventing, diagnosing and treating diseases.

Professional Values and Ethics

- 8.- Integrates professional values and ethics into his medical practice, making no difference due to gender, race, political or sexual preference, religious beliefs, activities developed, disabilities or socioeconomic level, promoting social inclusion and contributing to the population's well-being, their life quality and human development.
- 9.- Respects the patient's integrity keeping the patient's medical information as an essential part of their professional secret in order to preserve his rights.

Organizational work

- 10.- Promotes an organizational work culture for the health field, acknowledging the multidisciplinary work, respect for institutional policies and the observance of rules in order to contribute to a comprehensive treatment of patients.

Communication

- 11.- Applies effective communication principles, establishing a respectful and sympathetic relationship with the patient, relatives, the community and other health professionals in order to use the information properly.

4. Summative Evaluation

Seminars

Workshops

Discussion

Exams

Course integrative product

8.

Course Integrative Product

Resolution of pediatric clinical cases in a written form.

9. References

Tratado de Pediatría de Nelson, Berhman y cols. 18 edición.

Manual de Pediatría de Treviño, 2° Edición.

Manual de Neonatología de Rodríguez-Bonito, 2° Edición.

Current Pediatric Diagnosis and treatment. Hathaway y col.

Guías de Práctica Clínica CENETEC

