

MODULE DESCRIPTION (SUMMARY PROGRAM).

1. Module Information Code:	
• Name of the Institution and School	Universidad Autónoma de Nuevo León, School of Medicine
• <u>Name of the Learning Unit</u>	Basic Clinical Integration II
• Total classroom hours for theory and/or practice.	45 hours
• <u>Total extra classroom hours</u>	45 hours
• Course Modality	Schooled
• Type of academic period in which the module is offered	5th semester
• Type of Learning Unit in the Curriculum	Compulsory
• Curriculum area:	ACFP-F
• <u>UANL credit points</u>	3
• Date of module creation:	June 14, 2016
• Date of last amendment:	February 01, 2021
• Person(s) responsible for the module design and amendments:	Dra.med. Raquel Garza Guajardo, Dra.med. Oralia Barboza Quintana Professors: Dr. Med. Marco A. Ponce Camacho, Dr. Med. Juan Pablo Flores Gutierrez, Dra. Natalia Vilches Cisneros, Dr. Med. Luis Angel Ceceñas Falcón, Dra. med. Gabriela Sofía Gomez Macias, Dr. Rodolfo Franco Marquez, Dr. Álvaro Barboza Quintana, Dr.med. Alberto Niderhauser García, Dra. Adriana Guadalupe Áncer Arellano, Dra.med. María de Lourdes Chávez Briones, Dra. med. Ivett Carmelila Miranda Maldonado.

2. Purpose(s):

The main purpose of this learning unit is for the student to analyze through clinical cases, the physiopathology, the anatomo-clinical correlation and the main pathological mechanisms of inflammatory, immunological and common diseases of the skin, gynecological tract, the mammary gland, the digestive tract, the genitourinary tract and the lung.

It is directly linked to the basic learning units such as: Pathology, Anatomy, Histology, Physiology, Immunology, to understand the diverse physiopathological mechanisms involved; as well as to the clinical area, analyzing the groups affected by the diseases, their topography, the clinical manifestations, the main macro and microscopic aspects, the natural evolution of the disease and its prognosis, and basic generalities of the diagnosis.

It contributes to the general and specific competencies of the profession by analyzing clinical cases to establish the clinical-pathological correlation, based on clinical reasoning. It favors the handling of information in an ethical and professional way.

It highlights the application of autonomous learning strategies and the use of information technologies for its analysis, which allows it to make a judgment and transform it into knowledge. Likewise, collaborative work is privileged.

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.

4. Dominate their native language in oral and written form with correctness, relevancy, opportunity and ethics adapting its message to the situation or context, in order to transmit of ideas and scientific findings.

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

Specific Competencies of Surgeon and Midwife

- 1.- Use the medicine scientific fundaments considering economical, psychological, social, cultural and environmental factors which contribute to the development and evolution of a disease for decision-making and medical actions.
- 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. Manages information and communication technologies as a tool for accessing to information and transform it into knowledge, as well as for learning purposes and collaborative work with cutting-edge techniques which allow an edifying participation in society.
- 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.
- 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.
- 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.

4. Summative Evaluation

- Clinical cases
- Written Evaluation
- Course Integrative Product

5. Course Integrative Product

Documentation of the analysis and discussion of clinical cases of the main inflammatory, infectious, immunological, preneoplastic and neoplastic pathologies in our country.

6. References

Textbook:

- Kumar V. Abbas A, Aster JC (2015) *Robins y Cotran Patología Estructural y Funcional*. España. Elsevier Saunders.

Electronic sources:

- Base de datos: CLINICAL KEY: <https://www.clinicalkey.com/>
- Base de datos PUBMED: <http://www.ncbi.nlm.nih.gov/pubmed>
- Pathology outlines.com: <http://www.pathologyoutlines.com>
- The pathology Guy: <http://www.pathguy.com>
- PATHMAX: <http://www.pathmax.com>

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