

HEALTH PLANNING AND MANAGEMENT

Total credits: 4.5	Theory credits: 3.5	Practical credits: 1
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GENERAL OBJECTIVES

- Introduce medical students to the health system and basic techniques and concepts for health planning and administration.
- Provide the scientific and applies bases of health management so that students may development them professionally in any medical specialty.
- Facilitate the acquisition of a common language to foster interdisciplinary understanding of clinical disciplines and the different levels of management (macro, meso and micromanagement).
- Provide students with the ability to analyze the organizational, financial and social implications of their medical actions.

SPECIFIC OBJECTIVES

- Learn the different healthcare models and financing systems in order to assess their social significance.
- Describe the characteristics of the Spanish and Catalan health systems to optimize professional practice. Know the characteristics of other international health systems in both the European Union and low-income countries.
- Present the different organizational models of the health system.
- Learn the foundations of health planning to facilitate knowledge-based management.
- Describe the information systems used in the development of clinical management grounded in scientific evidence.
- Identify the different professional roles in the management of change in health organizations.
- Learn methods of assessing costs and results in healthcare in order to rationalize medical decision making. Describe the different types of financial assessment to be applied according to the characteristics of the health problem concerned.
- Distinguish technical quality and perceived quality in order to apply the bases of continuous improvement. Learn institutional models of quality improvement in order to integrate professional practice adequately into a competitive environment.

PROGRAMME

Theory

1. *Health Planning and Management*

Health policies and efficient healthcare models. Healthcare in the EU. The Spanish and Catalan health systems. Health systems in developing countries. Strategic planning. Planning parameters. Organization and care resources. Hospital care. Primary care. Emergency care. Preventive care. Social healthcare. Mental healthcare. Pharmaceutical care. The role of the infirmary.

2. *Direction and clinical management of health services.*

Foundations of clinical management. Information systems, encoding and *case-mix* measurement. Clinical management of medical, surgical and general services.

3. *Human resource management in healthcare*

Leadership and management of health teams. The healthcare employment structure.

4. Financial management

Measurement and analysis of costs and results in healthcare. Economic assessment of health activities. Minimizing costs. Cost-benefit analysis. Cost-effectiveness analysis. Cost-utility analysis.

5. Healthcare quality management

Quality policies and models. Indicators of technical quality. Monitoring perceived quality. Designing a Quality Plan.

Field practice (4 groups of 15 students)

- Analyze and solve 3 cases of registered complaints (0.2 credits)
- Evaluate patient expectations (focus groups) (0.2 credits)
- Create indicators of healthcare quality (0.2 credits)
- Evaluate hospital use by reviewing clinical histories (0.2 credits)
- Conflict management in human resources (0.2 credits)

LEARNING RESOURCES AND TEACHING METHODOLOGIES

1. Theory classes
2. Field practice
3. Presentation of practical case
4. Subject tutorials