

Radiology diagnosing imaging and radiotherapy techniques

INTEGRATED COURSE: PROFESSIONAL ETHICS

CFU: 4

SSD: MED/50; M-PSI/01

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MODULE: Medical Sciences and Techniques (Ethics and Communication)

CFU: 2

SSD: MED/50

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MODULE: Clinical Psychology, group Dynamics

CFU: 2

SSD: M-PSI/01

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PREREQUISITES

No preliminary cognitive prerequisites are required at the beginning of the lessons

LEARNING OBJECTIVES

The course aims to provide students with specific skills on the fundamental issues of ethics, ethics and communication. At the end of the course, the student must be able to understand the psychological implications related to professional practice and emotional involvement with the patient; knowing how to develop the skills necessary to assist the person with health problems by knowing the cognitive, adaptive and emotional processes in patients who face acute, chronic and chronic / degenerative disease processes.

LEARNING OUTCOMES

Al termine dell'insegnamento lo studente dovrà conoscere/essere in grado di avere i seguenti requisiti :

1) knowledge and understanding

- know the psychological aspects inherent in the relationship with the patient, the fundamental aspects and principles of a therapeutic relationship
- have a thorough knowledge of the stages of change in patients with disabilities, with chronic and degenerative diseases. Knowing the cognitive processes involved in the phase of change and the obstacles to be faced



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- knowing the individual needs, perceptions and expectations of people and acquiring the importance of aligning with the realistic expectations of health professionals in the therapeutic path
- know the obstacles of an individual, environmental and social nature inherent in the processes of adaptation to acute diseases and chronic / chronic degenerative processes.
- know the adaptive and maladaptive behaviors in chronic and chronic / degenerative diseases
- know and identify the role of the patient's emotions and motivation in chronic processes
- know the stress management mechanisms in the workplace (the consequences and cost of work stress, interventions to promote the well-being of employees, etc.)
- know the quality indicators of health care in the complexity of a changing health system
- Know the key contents of ethical and deontological principles;
- Know the correct communication and relational skills that allow a better knowledge of the patient in his diagnosis and treatment path;
- Know the legal principles regarding health responsibility and patient safety
- Know your professional profile, specific responsibilities, professional organization and protection of the profession
- Illustrate the knowledge acquired and know how to apply them from an operational aspect.

2) applying knowledge and understanding

- Knowing how to apply the principles of therapeutic communication in the relationship with the patient
- Knowing how to implement the best relational strategy to establish a collaborative path with the patient
- Facing the individual, environmental and social obstacles in the therapeutic path with the patient manage the psycho-social aspects in the adaptation processes
- Manage the emotions involved in the therapeutic relationship with the patient
- knowing how to apply one's skills to approach the patient in a therapeutically appropriate manner
- be able to recognize work-related stress and know how to manage it

At the end of the course, the student must be able to:

- Apply responsible and ethical conduct,
- Comply with applicable regulations;
- Consciously apply the acquired knowledge, in order to provide the services correctly and guarantee the safety of the patient;
- autonomously investigate the aspects relating to the specific field to which the student will devote himself as part of his professional activity;

3) communication skills

At the end of the course, the student must be able to:

- Know, in an adequate way, the terminology and the related scientific aspects specific to the topics dealt with;

- apply their knowledge and skills to the professional context, in order to communicate effectively with:

- a) the user and accompanying persons

- b) the team he works with, coordinating and collaborating properly and proposing a timely, critical, proactive and resolving analysis of inconveniences and problems.

4) making judgements

- be able to formulate their own assessment of the possible obstacles of an individual, environmental and social nature involved in each therapeutic path

- knowing how to observe and collect additional information to achieve greater knowledge and awareness of the elements to be considered in the relationship with the patient

- recognize symptoms and signs of cognitive obstacles intervening in the therapeutic path

At the end of the course, the student must know:

- carry out general assessments relating to the topics covered

5) communication skills

- knowing how to communicate effectively with the patient. Knowing how to choose the form and means of communication suitable for the patient, in relation to the communication techniques acquired

- knowing how to adequately communicate information to the patient, knowing and recognizing possible obstacles of an individual (e.g. cognitive and emotional), social and environmental nature in the communication process

6) learning skills

- develop the learning skills necessary for the purpose of a constant updating of communication techniques with various types of patients

- develop the learning ability of observing the relationship and the obstacles that may intervene

- develop relational and communication skills for the exercise of the profession

- at the end of the course the student must be able to proceed in complete autonomy in the individual study of some specific issues

- have the ability and competence to draw on bibliographic sources relating to evidence based practice, in order to constantly update and acquire new skills.

SYLLABUS

Psychology

The General Psychology Course aims to provide the theoretical background knowledge of clinical psychology and group dynamics

Topics covered:

- . **Clinical psychology:** definition of clinical psychology, history of psychology, theoretical models.
- **Behaviour:** violation of social norms, subjective distress, disability, dysfunction and impairment
- **Clinical assessment of behaviour and personality:** assessment methods in clinical psychology (interviews, questionnaires, etc.)
- **Psychological interventions:** psychotherapy, psychodynamic perspectives
- **Learning:** classical and operant conditioning methods underlying behavioural strategies
- **Cognitive-behavioural therapies:** new approaches of therapeutic intervention in clinical psychology
- **Groups:** types, stages of development, group formation steps.
- **Conflict:** influence patterns in groups, conflict resolution, group strength
- **Leadership in groups:** attributes, skills and profile of the leader

Ethics and communication

1. introduction to ethics and deontology, concepts and fundamental values of professional ethics in the modern healthcare context;
2. elements of patient safety, professional responsibility and health law;
3. the communication relationship for health professionals: enhancement of communication and information with the user, with the team, with the outside world.

COURSE STRUCTURE

The method of conducting the lessons is mainly frontal, equal to a total of 40 hours of classroom lessons, in modules of 2-3 hours depending on the academic calendar. The teaching involves the active participation of the student in the critical discussion of the topics covered. The use of case studies, exercises and simulations carried out during the lesson is foreseen. The educational objective will also be achieved through reflective or self-directed learning and / or through the preparation of papers to be carried out at the end of the lesson, based on the teacher's decision, which will then be discussed and analyzed in class.

The teaching is entirely in English

COURSE GRADE DETERMINATION

For the purposes of the assessment, it is mandatory that the student has complied with the obligation to attend classes.

The exam is written and includes multiple choice questions and fewer open questions. The evaluation is expressed out of thirty, up to a maximum score of 30 with honors / 30. The exam lasts 1 hour.

The exams will take place at the end of the teaching semester and the dates of the sessions will be promptly communicated in the classroom and via the Gomp portal.

To pass the exam, it is necessary not to obtain a grade lower than 18/30.

The final exam grade will be calculated according to the following criteria:

Not suitable: Poor or lacking knowledge and understanding of the topics; limited capacity for analysis and synthesis, frequent generalizations of the requested contents; inability to use technical language.

18-20: Just sufficient knowledge and understanding of the topics, with obvious imperfections; just sufficient capacity for analysis, synthesis and autonomy of judgment; poor ability to use technical language.

21-23: Sufficient knowledge and understanding of the topics; sufficient ability to analyze and synthesize with the ability to reason with logic and coherence the required contents; sufficient ability to use technical language.

24-26: Fair knowledge and understanding of the topics; discrete ability to analyze and synthesize with the ability to rigorously argue the required contents; good ability to use technical language

27-29: Good knowledge and understanding of the required contents; good ability to analyze and synthesize with the ability to rigorously argue the required contents; good ability to use technical language.

30-30L: Excellent level of knowledge and understanding of the required contents with an excellent ability to analyze and synthesize with the ability to argue the required contents in a rigorous, innovative and original way; excellent ability to use technical language

OPTIONAL ACTIVITIES

There are no optional activities in the teaching

READING MATERIALS

Book: Patient Centered Care in Medical Imaging and Radiotherapy by [Aarthi Ramlaul](#), Vosper
Publisher: Churchill Livingstone; 1st Edition (March 26, 2013)

Amanda Bolderston (2016). Patient Experience in Medical Imaging and Radiation Therapy. *Journal of Medical Imaging and Radiation Sciences*, 47:356-361



Patrick Davey , Anna Rathmell, Michael Dunn , Charles Foster, Helen Salisbury, Medical Ethics, Law and Communication at a Glance, ed. Wiley Blackwell, USA, 2017

Loewy, Erich E.H., Textbook of Healthcare Ethics, ed. Springer, Milano 2002

material written by the professor, referring to the lessons