COURSE SYLLABUS

Communication and Diagnostic Reasoning in Healthcare Settings

2021-2-F5104P017

Learning area

METHODS AND TECHNIQUES FOR TREATMENT AND REHABILITATION

Learning objectives

Knowledge and understanding

?   Logical and statistical bases, and common psychological biases, in diagnostic reasoning

?   Theoretical knowledge on communication and relationships in health care

Applying knowledge and understanding

?   Application of the logical principles of diagnosis to neuropsychological testing

?   Understanding and intervention on communication and relational problems in healthcare settings

Contents

The first module is an introduction to diagnosis in Evidence Based Medicine, with applications to neuropsychological testing. Some typical psychological diagnostic errors will be discussed. The second module

describes the most influential models of doctor/patient relationships and communication in health, discussing the psychological and social variables involved.

Detailed program

?   Sensitivity and specificity of a diagnostic test

?   Building diagnostic decision trees

?   Cognitive biases in diagnosis

?   Communication and social interactions with the staff in medical care according to a psychodynamic and clinical perspective

?   Communication and social interactions within medical staff

?   Telemedicine, communication and the new technologies

Prerequisites

First module: good numeracy skills, good comprehension of written English, bases of probability calculus, good background knowledge of diagnostic testing in neuropsychology, availability of a laptop for each student or small group of students.

Second module: no prerequisites

Teaching methods

Lectures.

In the first module, there will be homework and direct training to the building and analysis of computerized decision trees.

Assessment methods

Computer-based written test with optional oral exam. The first part of the written test is based on closed-choice questions, for checking the extension of the knowledge og the progra's topics. If the first part is passed, the

student will answer to a second part, including some open questions aimed at checking in-depth the understanding, argumentation ability, and analytic skills on some critical topics of the program. If the written exam is passed, both the teacher and the student have the option to require an oral interview for a still more in-depth evaluation. If neither the teacher nor the student require the oral interview, the vote of the open question section of the written test will end the exam; otherwise, the vote assigned at the end of the oral interview will end the exam.

Textbooks and Reading Materials

Primo modulo:

- Hunink, M., Glasziou, P. et al. (2014). Decision Making in health and medicine, 2nd edition. Cambridge UP. Capitoli 2, 3, 5 e 13 (quest'ultimo facoltativo)
- Diapositive
- Free software Silver Decisions

Secondo modulo:

Rubinelli S., Camerini L., Schulz P. (2010). Comunicazione e salute. Apogeo.

Milanese R. Milanese S. Il tocco, il rimedio e la parola. La comunicazione tra medico e paziente come strumento terapeutico (2015). Ponte alle Grazie

(eventuali materiali aggiuntivi distribuiti dal docente sul sito elearning del corso)