UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Sex Andgender in Rehabilitation: Basics and Clinical Applications

2425-2-I0201D160

Aims

the morphological, biochemical, physiological and social assumptions that contribute to determining the health status of individuals, including from a gender perspective;

Contents

Gender medicine, how it came about and what it is about
Basic concepts of gender rehabilitation applied to rehabilitation.
The individual rehabilitation project and the gender rehabilitation

Detailed program

implement skills to foster a multidimensional clinical approach according to a comprehensive view of the concept of health; promote awareness of gender differences in the medical field;
analyze and evaluate diseases with a medical and scientific approach from a gender perspective to improve not only knowledge about the various aspects underlying differences but also the appropriateness of health intervention;

analyze and evaluate onset, symptoms, and effectiveness of treatments remembering how for the same disease, different problems may occur in men and women.
Pain and prevention

Prerequisites

no

Teaching form

Frontal teaching 2h
interactive teaching - clinical practice activity 5h

Textbook and teaching resource

Klein, S. L., Schiebinger, L., Stefanick, M. L., Cahill, L., Danska, J., De Vries, G. J., ... & Zucker, I. (2015). Sex inclusion in basic research drives discovery. Proceedings of the National Academy of Sciences, 112(17), 5257-5258.
Soldin, O. P., & Mattison, D. R. (2009). Sex differences in pharmacokinetics and pharmacodynamics. Clinical pharmacokinetics, 48(3), 143-157.
Fadiran, E. O., & Zhang, L. (2014). Effects of sex differences in the pharmacokinetics of drugs and their impact on the safety of medicines in women. In Medicines for women (pp. 41-68). Cham: Springer International Publishing.
Bartosch, P. (2023). Frailty and its relationship with osteoporosis related outcomes, mortality and visual perception of health in older community-dwelling women. Lund University, Faculty of Medicine.
Clarke, B. L., & Khosla, S. (2010). Pathophysiology of Age-Related Bone Loss in Men. Radiol Clin North Am, 48(3), 483-95.

https://www.fondazioneosteoporosi.it/
https://www.reumatismo.ch/reumatismo-dalla-a-alla-z/osteoporosi

Porter, S. (2014). Tidy's-Manuale di Fisioterapia. Edi Ermes. Cap 27. Fisioterapia per la salute delal donna.
Ainslie, T. (2020). Guida alla fisioterapia. Valutazione e trattamento. Cap. 11 Ostetricia e ginecologia

Semester

second semester

Assessment method

Group Project work

Office hours

by appointment

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Sustainable Development Goals

GOOD HEALTH AND WELL-BEING | QUALITY EDUCATION | GENDER EQUALITY