UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Therapy of Obesity: From Lifestyle To Bariatric Surgery; Through Novel Pharmacologic Treatment Options

2021-5-H4101D324

Aims

Aim of this set of lessons is to deliver and evidence based medicine (National and International Guidelines) supported therapeutic tool for the treatment of obesity

Contents

Pathophysiology of obesity

Life-style intervention

Drugs

Bariatric surgery

Detailed program

Pathophysiology of obesity, visceral-obesity and ectopic fat accumulation.

Structured intervention on life-style (nutrition, physical exercise, psychologic evaluation, social influence) and potential future relevance of nutrigenetics, nutrigenomics, and modulation of microbioma

Drug therapy with historical background on old drugs and detailed analysis of available drugs: : Orlistat, SGLT2-i, bupropione/naltrexone, GLP1-RAs, dual or tri-agonists (GLP1, GIP, Glucagon)

Bariatric surgery: indications/contraindications, endocrine-metabolic, psychologic, nutritional evaluations, surgical approaches (gastric banding, sleeve gastrectomy, gastric by-pass and bilio-pancreatic diversion), prevention of surgical and nutritional complications

Prerequisites

5 year

Teaching form

Lessons

Textbook and teaching resource

Recording of the lessons and slide-kits

Semester

second semester

Assessment method

Attending

Office hours

By email