UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Ocular Diseases

2425-5-H4102D036-H4102D153M

Aims

achievement of a good knowledge visual system and systemic diseases that can have ocular manifestations

Contents

Anatomy and physiology of the visual system, red eye, diseases that cause acute vision loss, diseases that cause chronic vision loss, systemic diseases involving the eye, pediatric pathologies, strabismus and amblyopia, refractive defects

Detailed program

Recall of the main topics of ocular anatomy and physiology and of the visual system, red eye as a manifestation of inflammatory pathologies of the anterior segment, red eye as a manifestation of other pathologies, main pathologies that can cause a sudden vision loss (acute glaucoma, retinal detachment, age related macular degeneration, retinal vascular pathologies, ischemic optic neuropathy, other optic nerve pathologies, intraocular hemorrhages), main pathologies that cause chronic reduction of vision (age related macular degeneration, chronic glaucoma, cataract), systemic pathologies with ocular involvement (diabetic retinopathy, hypertensive retinopathy, optic nerve disease, Horton's arteritis), strabismus, amblyopia, pediatric semiology, main causes of leukocoria, myopia, hyperopia, astigmatism, presbyopia

Prerequisites

knowledge of ocular anatomy and physiology, pharmacology and general pathology

Teaching form

frontal lessons

Textbook and teaching resource

Slides shown during lessons, textbook

Semester

second semester of the fifth year of the degree course

Assessment method

Written and oral exam

Office hours

by appointment

Sustainable Development Goals

GOOD HEALTH AND WELL-BEING