UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

SYLLABUS DEL CORSO

Odontoiatria Estetica

2627-4-H4601D084

Aims

The course aims to provide students with theoretical and clinical knowledge regarding aesthetic medicine procedures in the oro-facial district. Particular attention will be paid to anatomy, treatment planning, patient safety, indications, contraindications and medico-legal aspects relevant to dental practitioners.

Contents

Facial anatomy.
Facial ageing.
Botulinum toxin.
Hyaluronic acid fillers.
Complication management.
Multidisciplinary treatment planning.
Ethical and medico-legal considerations.

Detailed program

Module 1 – Introduction to Aesthetic Medicine

Evolution of Aesthetic Medicine.
The Role of the Dentist in Orofacial Treatment.
Clinical Indications and Operating Limitations.
Module 2 – Applied Anatomy

Facial Anatomy.
Adipose Compartments.
Mimic Muscles.
Arterial and Venous Vascularization.
High-Risk Anatomical Areas.
Module 3 – Facial Aging

Skeletal Changes.
Skin Changes.
Loss of Volume.
Facial Profile Analysis.
Module 4 – Botulinum Toxin

Pharmacology.
Mechanism of Action.
Aesthetic Indications.
Bruxism and Masseteral Hypertrophy.
Infiltration Techniques.
Complications and Management.
Module 5 – Hyaluronic Acid and Fillers

Characteristics of Fillers.
Rheology.
Clinical Indications.
Infiltrative Techniques.
Lips.
Nasolabial Folds.
Perioral Region.
Chin and Mandible.
Module 6 – Complications

Edema.
Ecchymosis.
Nodules.
Vascular Occlusions.
Early Diagnosis.
Emergency Management.
Use of Hyaluronidase.
Module 7 – Multidisciplinary Approach

Aesthetic Medicine and Orthodontics.
Aesthetic Medicine and Implantology.
Aesthetic Medicine and Prosthetics.
Smile Design and Facial Harmonization.
Module 8 – Ethical and Medico-Legal Aspects

Informed Consent.
Photographic Documentation.
Professional Responsibility.
Managing Patient Expectations.
Clinical Case Discussion

Guided analysis of real clinical cases with diagnostic and therapeutic planning.

Prerequisites

Knowledge of human anatomy, head and neck anatomy, physiology, pharmacology, and basic dental disciplines.

Teaching form

Lectures complemented by clinical case presentations, interactive discussions, iconographic analysis, and a review of the most recent scientific literature.

Textbook and teaching resource

Slides provided by the instructor.
Selected scientific articles.
National and international guidelines.
Clinical illustrations.

Carruthers J., Carruthers A. Botulinum Toxin.
De Maio M. Facial Aesthetics: Concepts and Clinical Diagnosis.
Sundaram H. Dermal Fillers.
Articoli scientifici aggiornati forniti dal docente.

Semester

Assessment method

Assessment through an oral interview aimed at assessing theoretical knowledge, clinical reasoning skills, and correct therapeutic planning in aesthetic medicine treatments of the orofacial area.

Office hours

Sustainable Development Goals

GOOD HEALTH AND WELL-BEING