



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## COURSE SYLLABUS

### Functional Anatomy of The Stomatognathic Apparatus

2122-1-H4601D037

---

#### Aims

Aim of the course is to analyze the cranio-cervical and stomatognathic anatomy showing how the different anatomic structures work together to obtain specific functions and in particular chew and swallow

#### Contents

Analysis of the functions of stomatognathic apparatus analyzing the muscular, articular and teeth's morphology. This allows to create a relationship between anatomical shape and functionality of the system

#### Detailed program

Analysis of the movements of mandible, hyoid bone and cervical spine during mandibular movements, chewing and swallowing:

muscular activation

TMJ movements

Relationship between the shape and the function of different teeth

Morfogenic function of the complex tongue-lips-cheeks on the development of the face

Cranial development analysis

Basic concept of posture analysis and occluso-postural relationships

**Prerequisites**

Human anatomy

**Teaching form**

Lecture

**Textbook and teaching resource**

L. Fonzi

Anatomia funzionale e clinica dello splancnocranio

Edi.Ermes.

**Semester**

Second semester 1<sup>st</sup> year

**Assessment method**

active participation to the activities

**Office hours**

By appointment after phone or mailing contacts

---