Clinical anatomy

The special changes of anatomical structure during life
Occlusal plane
Occlusal plane

Camper's line
Plane of occlusion

Retromolar pad
Occlusal plane

Retromolar pad
Occlusal plane

Retromolar pad
Plane of occlusion
Upper and lower incisors
Appearance
Lip support
Landmarks of the upper edentulous jaw

- Labial frenum (Frenulum labii superioris)
- Buccal frenum (Frenulum vestibularis)
- Incisive papilla (Papilla incisiva)
- Torus palatinus
- Raphe palati
- Maxillary tuberosity (Tuber alveolare maxillae)
- Plica pterygomandibularis
Clinical anatomy of upper jaw

- Mobile mucosa
- Moveable mucosa
- Tight mucosa
- Vestibular sulcus between the buccal frenum and the maxillary tuberosity
- Alveolar ridge
- Vibrating line
- Foveae palatinae
Landmarks of the lower edentulous jaw

- Retromolar pad
- Plica transversalis retromylohyoidea
- Buccal shelf
- Alveolar ridge
- Buccal sulcus
- Lingual frenum
- Labial sulcus
Clinical anatomy
Retromolar pad

- Arcus palatoglossus
- Plica verticalis buccae
- Retromolar pad
- Tuberculum-masseter space
- Lingual pouch
- Buccal shelf
- Edentulous ridge
Changes of the TMJ with ages

- Dentition – development of occlusion
- Growth of jaws (mandible, maxilla)
- Elongation of Mandibular Ramus
- Decreasing of angle between Mandibular Ramus and Corpus
- Decreasing of ability to adaptive and regenerative → TMJ lesion

Remodelling in TMJ

Neonate → Adult → Elderly
Clinical radiological anatomy
Clinical radiological anatomy