QUESTIONS - TEST for GENERAL MEDICINE

CONSERVATIVE DENTISTRY

- Explain aetiology of dental caries:

- What is a rampant caries?

- What is the role of nutrition in prevention of dental caries?

- Characterize the prevention of dental caries by oral hygiene:

- What does it mean the fluoride prevention of dental caries?

- How is performed diagnostics of dental caries?
- How is performed the treatment of dental caries?

- Which are the causes of dental pulp disorders?

- How is possible prevent the dental pulp disorders?

- What is the endodontic therapy?

- How does develop periodontitis apicalis acuta and chronica?

- How is performed diagnostics of the periodontitis apicalis acuta and chronica?

- Which possibilities includes the treatment of periodontitis apicalis acuta and chronica?
What can be cause of the oral focal infection?

-Describe pathophysiology of the oral focal infection:

-Describe pathophysiology of the dental focal infection by non-vital teeth:

-Describe pathophysiology of the dental focal infection by vital teeth:

-Which disorders can be associated with the oral focal infection?

-How can be performed removal of dental focal infection?

-How is performed prevention of the bacterial endocarditis in dental treatment?
-Which are possibilities in dental treatment of the non-cooperative and handicapped children?

-Explain term „amelogenesis imperfecta“ and how does the disorder manifest:

-Explain term „dentinogenesis imperfecta“ and how does the disorder manifest:

-Explain aetiopathogenesis of „tetracycline teeth“:

-What includes prevention of „tetracycline teeth“ development?

-What does include the extraoral stomatologic evaluation?

-What does include the intraoral stomatologic evaluation?
-Which are principles in the double-number tooth notation?
...............................................................................................................................
...............................................................................................................................
...............................................................................................................................
-Which tooth is 11 in the double-number tooth notation?
...............................................................................................................................
...............................................................................................................................
...............................................................................................................................
-Which tooth is 25 in the double-number tooth notation?
...............................................................................................................................
...............................................................................................................................
...............................................................................................................................
-Which tooth is 33 in the double-number tooth notation?
...............................................................................................................................
...............................................................................................................................
...............................................................................................................................
-Which tooth is 48 in the double-number tooth notation?
...............................................................................................................................
...............................................................................................................................
...............................................................................................................................
-Which tooth is 53 in the double-number tooth notation?
...............................................................................................................................
...............................................................................................................................
...............................................................................................................................
-Which tooth is 74 in the double-number tooth notation?
...............................................................................................................................
...............................................................................................................................
...............................................................................................................................
- Which tooth is 82 in the double-number tooth notation?

- What are the indexes of cariogenity?
PERIODONTOLOGY and DISEASES of ORAL MUCOSA

-How are divided periodontal diseases?

-Which types of the gingivitis do you know?

-What does mean the abbreviation „ANUG“?

-What can be cause of the hyperplastic gingivitis?

-Which medicaments can cause development of hyperplastic gingivitis?

-What do you understand under the term „desquamative gingivitis“ and by which disorders can it occur?
-Explain development of the periodontitis (periodontitis marginalis chronica):

-What is the gingival recessus (periodontal pocket) and which are its causes?

-Which are possibilities in treatment of the periodontitis (periodontitis marginalis chronica)?

-Which are possibilities in prevention of the periodontitis (periodontitis marginalis chronica)?

-Which are principles of splints and prosthetic treatment in periodontology?

-What is leukoplakia and how does it manifest?
-Which types of the leukoplakia do you know? Describe them:

-What is erytroplakia and how does it manifest?

-What does mean abbreviation „CIS“ in the oral pathology?

-Which are the main groups of systemic disorders with manifestation in orofacial region?

-Which are main groups of the infectious diseases with manifestation in orofacial region?

-How can manifest tuberculosis (TB) in the orofacial region?
-How can manifest syphilis (lues) in the orofacial region?
.............................................................................................................................
.............................................................................................................................
.............................................................................................................................
-Write viral infections with manifestation in the orofacial region:
.............................................................................................................................
.............................................................................................................................
.............................................................................................................................
-How do manifest HIV and AIDS in orofacial region?
.............................................................................................................................
.............................................................................................................................
.............................................................................................................................
-What does mean abbreviation „HPV“ in the oral pathology?
.............................................................................................................................
.............................................................................................................................
.............................................................................................................................
-How does manifest candidosis (candidiasis) in the oral cavity?
.............................................................................................................................
.............................................................................................................................
.............................................................................................................................
-How do manifest haematologic diseases in the oral cavity?
.............................................................................................................................
.............................................................................................................................
.............................................................................................................................
-How does manifest diabetes mellitus in the oral cavity?
.............................................................................................................................
.............................................................................................................................
.............................................................................................................................
-How do manifest vitamin deficiencies in the oral cavity? Introduce an example:
ORTHODONTICS

- What are the functions of the dentition? Describe the differences in the function of the various groups of teeth (frontal, lateral).

- When does the eruption of deciduous dentition usually start and when does it end?

- When does the eruption of permanent dentition usually start and when does it end?

- How are the anomalies of teeth classified?

- Define the terms: dentoalveolar and skeletal orthodontic anomaly.

- What is the etiology of orthodontic anomalies?
-Which bad habits may influence the development of the orthodontic anomalies?

-Which diseases in childhood may lead to a damage of the temporomandibular joint and how it is manifested in the impairment of the mandibular growth?

-Describe the true mandibular prognathism (extraorally, intraorally) and its complications:

-Describe the micrognathism (extraorally, intraorally) and its complications:

-Describe the open bite (extraorally, intraorally) and its etiology:

-What is the prevention of the orthodontic anomalies?
- What are the possibilities of the orthodontic treatment?

- Which orthodontic appliances are more efficient – removable or fixed? Explain why.

- How are the clefts classified?

- What is the treatment protocol in complete cleft - cheilo-gnato-palatoschisis (CHGPS)?
DENTAL PROSTHETICS

-Which are contents and targets of dental prosthodontics?

.................................................................................................................................................................
.................................................................................................................................................................
.................................................................................................................................................................

-Which fixed dental restorations do you know?

.................................................................................................................................................................
.................................................................................................................................................................
.................................................................................................................................................................

-Define artificial dental crown and write, which materials can be used for its fabrication:

.................................................................................................................................................................
.................................................................................................................................................................
.................................................................................................................................................................,

-Define fixed bridge and write, which materials can be used for its fabrication:

.................................................................................................................................................................
.................................................................................................................................................................
.................................................................................................................................................................,

-How are divided removable dentures and write, which materials can be used for their fabrication:

.................................................................................................................................................................
.................................................................................................................................................................
.................................................................................................................................................................

-Which reconstructive dentures do you know?

.................................................................................................................................................................
.................................................................................................................................................................
.................................................................................................................................................................
What are obturators and which are their functions?

What are epitheses and which are their functions?

Which consequences can be from worn and incorrectly designed dentures?

How can be replaced teeth by surgical-prosthetic means?

At which ages is performed prosthetic therapy in a patient with complete cleft (cheilo-gnatho-palatoschisis, abbr. CHGPS)?
DENTOALVEOLAR and MAXILLOFACIAL SURGERY

- Write 4 basic radiodiagnostic methods used in maxillofacial surgery:
  ........................................................................................................................................
  ........................................................................................................................................
  ........................................................................................................................................
  ........................................................................................................................................

- How are divided X-ray methods used in dental radiology (by which criterion)?
  ........................................................................................................................................
  ........................................................................................................................................
  ........................................................................................................................................

- What does mean abbreviation OPG v dental radiology?
  ........................................................................................................................................
  ........................................................................................................................................
  ........................................................................................................................................

- Which is the basic X-ray skull projection in maxillofacial surgery? Why?
  ........................................................................................................................................
  ........................................................................................................................................
  ........................................................................................................................................

- Name imaging method of first choice by resistance on the neck or in the region of salivary glands? What about its advantages?
  ........................................................................................................................................
  ........................................................................................................................................
  ........................................................................................................................................

- Which imaging method would you indicate in a fracture of maxillofacial skeleton? CT or MRI? Explain why:
  ........................................................................................................................................
  ........................................................................................................................................
  ........................................................................................................................................
-Which imaging method would you indicate in suspect tumour of a salivary gland? CT or MRI? Explain why:

........................................................................................................................................................................
........................................................................................................................................................................
........................................................................................................................................................................

-Which basic types of anaesthesia are used in maxillofacial surgery?

........................................................................................................................................................................
........................................................................................................................................................................
........................................................................................................................................................................

-What mean abbreviations OTI and NTI in relation to the general anaesthesia (narcosis)?

........................................................................................................................................................................
........................................................................................................................................................................
........................................................................................................................................................................

-Write at least 3 indications for extraction of teeth:

........................................................................................................................................................................
........................................................................................................................................................................
........................................................................................................................................................................

-Write at least 3 relative contraindications for extraction of teeth:

........................................................................................................................................................................
........................................................................................................................................................................
........................................................................................................................................................................

-Is haemophilia an absolute contraindication for extraction of teeth?

........................................................................................................................................................................
........................................................................................................................................................................
........................................................................................................................................................................
- Describe pathogenesis of subperiostal and submucosal dentogenous abscesses:

- Which are differences in clinical picture of subperiostal and submucosal dentogenous abscesses?

- What does mean the term trismus?

- Why does develop difficult eruption of wisdom teeth (dentitio difficilis)?
  Which teeth are involved by this condition?

- Which are subjective complaints of a patient by difficult eruption of wisdom teeth (dentitio difficilis)?

- Which are similar and different signs in a patient with difficult eruption of the wisdom teeth (dentitio difficilis) and tonsilitis?
- Describe clinical picture of submandibular abscess of dental and non-dental origin:
........................................................................................................................................
........................................................................................................................................
........................................................................................................................................

- Describe clinical picture of perimaxillar abscess of dental and non-dental origin:
........................................................................................................................................
........................................................................................................................................
........................................................................................................................................

- Describe clinical picture of parapharyngeal abscess of dental and non-dental origin:
........................................................................................................................................
........................................................................................................................................
........................................................................................................................................

- Which osteomyelitis is more frequent; in the lower jaw (mandible) or in the upper jaw (maxilla)? Why?
........................................................................................................................................
........................................................................................................................................
........................................................................................................................................

- Describe clinical picture of osteomyelitis of the mandible (extraorally, intraorally). What is Vincent´s sign?
........................................................................................................................................
........................................................................................................................................
........................................................................................................................................

- Which are 2 processes causing radiolucency in an X-ray by osteomyelitis?
- Why is radiolucency observable on X-ray until after 10-14 days?

- What is aim of preprothetic surgery (operations on bones a sof tissues)?

- How are divided dental implants? Which of them are prefered recently?

- Which materials can be used for dental implants? Which of the materials are mostly used recently?

- What does it mean „orthognatic surgery“? Write examples:

- Describe patient with a fracture of maxillofacial skeleton resp. injury of the face (extraorally, intraorally):
-How are divided fractures of the mandible? Where are they most frequent?

-How can be provisionally immobilized fractures of the facial skeleton? What is funda?

-How are divided fractures of the maxilla resp. of the midface?

-What is classification after Le Fort? Describe fractures after Le Fort types I, II, III:

-Which type of osteosynthesis is mostly used in maxillofacial traumatology recently?

-Explain „ABC rule“ in first aid in the maxillofacial traumatology:
- Describe coniotomy (cricothyreotomy):

- What is coniopunction and when is it used?

- Describe tracheotomy:

- When and how is performed the anterior nasal tamponade?

- Explain mechanism of so called „whiplash injury“:

- Which kinds of sialoadenitis do you know? Write examples:
- What is clinical sign of the sialolithiasis? In which major salivary gland is most frequent?

- How are divided sialoses (parotideomegalies)?

- Characterize Sjögren sicca syndrome in the oral cavity and in other locations?

- Which are basic types of cysts in the salivary glands and where occur they?

- Characterize suspect lymphadenopathy (LAP) in the head and neck region – inflammatory lymph node (lymphadenitis):

- Characterize suspect lymphadenopathy (LAP) in the head and neck region – cancer lymph node (lymphadenopathia maligna):
- How are divided bone cysts in the upper and lower jaws?
- How are divided neck cysts?
- Name benign tumours in the orofacial region (by tissues):
- Which is the most common histological type of malignant tumour in the orofacial region? From which tissue does it originate?
- Where is most commonly located squamous cell carcinoma (SCC) and why?
- Write examples of sarcomas in the orofacial region (by tissues). Are they frequent?
Which methods are included in complex (multimodal) treatment of malignant tumours in the orofacial region?

Is resection of the tongue sufficient surgical procedure in a patient with SCC carcina linguæ, or it requires also another surgery? If yes, what is its name?

How can be performed chemotherapy in malignant tumours of orofacial region?

Which are 2 basic types of irradiation in malignant tumours of orofacial region?

Explain terms primary, secondary and tertiary oncological prevention:

What is the main difference within primary and secondary neuralgia generally? Which is examined first?
- Characterize primary and secondary trigeminal neuralgia (n. V):

- Characterize primary and secondary glossopharyngeal neuralgia (n. IX):

- What does mean diagnosis myofascial pain dysfunction syndrome (MPDS) within temporomandibular joint (TMJ) disorders?

- Describe osteoarthritis of the temporomandibular joint (TMJ):