



قائمة الاسئلة

Exam of Clinical Periodontology and Seminar II Course 2024/2025

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- 1) Diagnosis of Systemic Lupus Erythematosus requires:
 - 1) - Positive ANA
 - 2) - Clinical symptoms as fever, rash, arthritis, serositis, kidney, or neurological involvement.
 - 3) - Immunological tests as Anti-dsDNA, anti-Sm, low complement
 - 4) All the above
- 2) SLE may lead to a higher risk of periodontitis, as SLE is characterized by immune system dysregulation, with overactive phagocyte cells and elevated production of pro-inflammatory cytokines, such as interleukin (IL)-1b and IL-18, which may have pathogenetic roles in periodontitis.
 - 1) TRUE.
 - 2) - False .
- 3) b2-glycoprotein is a protein found in the blood that can become a target for autoantibodies in
 - 1) - Sjögren's Syndrome
 - 2) Systemic Lupus Erythematosus
 - 3) - Systemic Sclerosis
 - 4) - Scleroderma
- 4) Tear production ≤ 5 mm/5 min is....
 - 1) - Ocular Staining Score
 - 2) - Serological Tests
 - 3) Schirmer's Test
 - 4) - All the above
- 5) Dignosis of Sjögren's Syndrome by biopsy taken from major salivary gland focus score ≥ 1 (lymphocytic infiltration).
 - 1) - TRUE.
 - 2) False .
- 6) Classification Criteria of Sjögren's Syndrome according (ACR/EULAR 2016) are:
 - 1) Total score ≥ 4 based on biopsy, serology, and objective tests.
 - 2) - Total score ≥ 6 based on biopsy, serology, and objective tests.
 - 3) - Total score ≥ 8 based on biopsy, serology, and objective tests.
 - 4) - Total score ≥ 10 based on biopsy, serology, and objective tests.
- 7) Raynaud's Phenomenon is common feature of....
 - 1) - Sjögren's Syndrome
 - 2) - Systemic Lupus Erythematosus
 - 3) Systemic Sclerosis
 - 4) - Rheumatoid Arthritis
- 8) Impact of systemic Sclerosis on the periodontium are:
 - 1) - Microglossia
 - 2) - Narrowing periodontal ligament space
 - 3) Gingival recession
 - 4) - All the above
- 9) The 1987 criteria for rheumatoid arthritis diagnosis also included clinical features and required at least....





- 1) 4 of these 7 criteria
 - 2) 4 of these 8 criteria
 - 3) 3 of these 6 criteria
 - 4) 3 of these 7 criteria
- 10) Rheumatoid arthritis patients have a significantly increased risk of developing severe periodontitis due to restricted mouth opening.
- 1) TRUE.
 - 2) False .
- 11) Major clinical criteria of Behçet's disease are:
- 1) Recurrent Oral Ulcers
 - 2) Positive Pathergy Test
 - 3) Arthritis
 - 4) All the above
- 12) Use curcumin as an adjuvant therapy after receiving teeth cleaning and root planing treatment for periodontal diseased patients. Topically applied in the following forms EXCEPT:
- 1) Curcumin mouthwash
 - 2) Curcumin sustained-release tablet
 - 3) Curcumin sustained-release gel
 - 4) Curcumin sustained-release fibers
- 13) Various strategies have been explored to enhance curcumin's bioavailability, including the use of, aiming at improving its stability in human systems
- 1) Nanoparticle formulations and structural analogs
 - 2) Black pepper
 - 3) Microparticles
 - 4) Macroparticles
- 14) Mechanism of Curcumin on the treatment of periodontitis is discussed from the aspects of
- 1) Anti-oxidant.
 - 2) Anti-inflammatory
 - 3) Enhance wound healing
 - 4) All the above
- 15) Probiotics are broadly categorised in to:
- 1) Lactobacillus
 - 2) Bifidobacterium.
 - 3) Lactobacillus and Bifidobacterium.
 - 4) Candidia
- 16) Probiotics modulate both local and systemic immunity by stimulating(dendritic cells)to activate a Th 1or Th 2response ,which enhances adaptive immunity and regulates bacteria induced inflammation.
- 1) TRUE.
 - 2) False .
- 17) Probiotics alter microbial aggregation by inhibiting certain bacteria such as....
- 1) Fusobacterium nucleatum
 - 2) Lactobacillus casei ,
 - 3) Weissella cibaria
 - 4) Aggregatibacter actinomycetemcomitans
- 18)reduced plaque scores by %20 whenused as a mouth rinse.
- 1) Lactobacillus casei ,
 - 2) Weissella cibaria
 - 3) Lactobacillus reuteri
 - 4) Lactobacillus brevis





- 19) Criteria of an ideal microorganism used as probiotics are the following EXCEPT:
- 1) - Resistant to low ph
 - 2) - Non pathogenic
 - 3) Non human origin
 - 4) - High cell viability
- 20) Probiotics act as an alternative to antibiotics.
- 1) - TRUE.
 - 2) False .
- 21)ability to reduce the impact of AGEs suggests it could be beneficial in managing inflammation associated with diabetes and smoking, both of which are risk factors for increased AGE formation (Gu, Y, 2021).
- 1) SAGE's
 - 2) - Probiotics
 - 3) - Curcumin
 - 4) - All the above
- 22) Obesity modulates the host immune response in several ways, contributing to the development and progression of periodontitis as:
- 1) Increase pro-inflammatory cytokines
 - 2) - Decrease Nutrophils function
 - 3) - Increase dental plaque
 - 4) - All the above
- 23) Chronic stress seems to have long-term effects associated with dysregulation of innate and cellular immune responses resulting:
- 1) - Increase pro-inflammatory cytokines
 - 2) - Decreased quantities of leukocytes
 - 3) - Increases quantities of suppressor T cells.
 - 4) All the above
- 24)has been shown to give rise to several bioactive peptides, such as Catestatin, which may contribute to inflammation.
- 1) - Catecholamines
 - 2) - Tumor necrosis factor alpha.
 - 3) Chromogranin A
 - 4) - Substance P
- 25) Anemia is not a disease but rather a symptom complex that may result from one of underlying causes:
- 1) - Decreased production of RBCs
 - 2) - Blood loss
 - 3) - hypersplenism
 - 4) All the above
- 26)is needed for enzymatic reactions required for the synthesis of purines and pyrimidines of deoxyribonucleic acid (DNA) and ribonucleic acid (RNA) and thus for the synthesis of proteins.
- 1) - Vitamine C
 - 2) - Vitamin B12
 - 3) Folate
 - 4) - Cobalamin
- 27)is characterized by the premature destruction of red blood cells, leading to a shortage of these cells in the bloodstream.
- 1) Hemolytic anemia
 - 2) - Sickle Cell Anemia
 - 3) - Thalassemia's





- 4) - Autoimmune disorders
- 28) Complications of sickle cell anemia can occur from 20 to 40 years of age, are more likely to manifest certain complications:
- 1) - Painful events
 - 2) - Fever
 - 3) - Pulmonary hypertension
 - 4) Osteonecrosis of hip and shoulder
- 29) Vitiligo and shows premature graying of the hair three features that are more common in patients with
- 1) Pernicious anemia
 - 2) - Aplastic anemia
 - 3) - Iron deficiency anemia
 - 4) - Folate Deficiency Anemia
- 30) Acquired Immunodeficiency Syndrome (AIDS) oral manifestation according WHO staging in clinical Stage 4 are:
- 1) Oral hairy leukoplakia
 - 2) - Severe weight loss
 - 3) - Persistent generalized lymphadenopathy
 - 4) - All the above
- 31) Erythematous candidiasis more common in HIV-positive individuals with CD4+ counts between....
- 1) - less 200 cells/ μ l.
 - 2) - less 100 cells/ μ l.
 - 3) 200-500cells/ μ l.
 - 4) - 100-500cells/ μ l.
- 32) Periodontal treatment protocol in HIV patients depend mainly on:
- 1) Patient's health status
 - 2) - Stage of HIV
 - 3) - Age of patient
 - 4) - All the above
- 33) Current guidelines recommend a daily intake ofOmega-3 polyunsaturated fatty acid per day for people without cardiovascular disease.
- 1) - 50 g
 - 2) - 500 g
 - 3) - 50 mg
 - 4) 500 mg
- 34) As a consequence of possessing properties, ω -3 PUFAs has been accepted as an adjunct therapy in the treatment of periodontitis.
- 1) - Anti-microbial
 - 2) - Antioxidant
 - 3) Anti-inflammatory
 - 4) - All the above
- 35) There are no nutritional deficiencies that by themselves can cause gingivitis or periodontal pockets and thereby can aggravate the injurious effects of local factors and excessive occlusal forces.
- 1) TRUE.
 - 2) - False .
- 36) Oral changes common to deficiencies are gingivitis, glossitis, glossodynia, angular cheilitis, and inflammation of the entire oral mucosa.
- 1) Vitamins B
 - 2) - Vitamins C
 - 3) - Vitamins K





- 4) - Vitamins A
- 37) Medications such as epinephrine and other vasopressor amines should be given with caution in patients with treated thyrotoxicosis.
- 1) - TRUE.
 - 2) False .
- 38) Oral and periodontal manifestations of leukemia are:
- 1) - Infection
 - 2) - Bleeding
 - 3) - Swelling
 - 4) All the above
- 39) For patients with chronic leukemia and those in, scaling and root planing can be performed without complication but periodontal surgery should be avoided if possible.
- 1) - Pre-chemotherapy
 - 2) - Chemotherapy
 - 3) Remission
 - 4) - Non of the above
- 40) Thrombasthenia purpuras occur as a result from the following EXCEPT:
- 1) - aspirin ingestion
 - 2) - von Willebrand's disease
 - 3) - Glanzmann's disease
 - 4) Vitamin K deficiency
- 41) Anaphylaxis crisis mangement is repeat give adrenaline at 5 minute intervals until an adequate response. The dose of adrenaline in adult patients are:
- 1) - 0.1 ml of 1:1000
 - 2) - 0.2 ml of 1:1000
 - 3) - 0.3 ml of 1:1000
 - 4) 0.5 ml of 1:1000
- 42) In Epileptic seizures with prolonged convulsive seizures (5 minutes or more) or repeated rapidly must be give the patient:
- 1) Midazolam
 - 2) - B2 bronchodilator
 - 3) - Oxygen
 - 4) - Adrenaline
- 43) The uncommon possible causes of unconsciousness in dental office are:
- 1) - Vasodepressor syncope
 - 2) - Epilepsy
 - 3) - Hypoglycemic reaction
 - 4) Hyperglycemic reaction
- 44) If dietary calcium intake in adequate or high they are:
- 1) - Active absorption in the jejunum and ileum
 - 2) Passive absorption in the jejunum and ileum
 - 3) - Active transcellular calcium transport in the duodenum
 - 4) - Passive transcellular calcium transport in the duodenum
- 45)plays a central role in the rapid control of calcium homeostasis. Its actions on bone, kidney and intestine increase the flow of calcium into the extracellular fluid and increase the concentration of calcium in blood
- 1) PTH hormones
 - 2) - Vitamin D
 - 3) - calcitonin.
 - 4) - All the above





- 46) A receptor that plays an essential part in regulation of extracellular calcium homeostasis and expressed in all tissues related to calcium control, i.e. parathyroid glands, thyroid cells, kidneys, intestines and bones.
- 1) + G protein
 - 2) - Cadherin
 - 3) - Integrins
 - 4) - Selectin
- 47) Occur following rapid administration of citrated blood and may also be seen following heparin, protamine or glucagons administration.
- 1) - Hypercalcaemia
 - 2) - Acute hypercalcaemia
 - 3) + Hypocalcaemia
 - 4) - Hyperparathyroidism
- 48) Thyroid hormones influence the following EXCEPT:
- 1) - Bone and soft tissue healing
 - 2) - Tissue trophicity
 - 3) - Metabolic activity.
 - 4) + Calcium absorption in the gastrointestinal tract.
- 49)alleles are linked to increased susceptibility to hypothyroidism and periodontitis.
- 1) + HLA-DRB1
 - 2) - HLA-DRB3
 - 3) - HLA-DRB4
 - 4) - HLA-DRB5
- 50) Primary hyperparathyroidism is due to generalized disorder of calcium, phosphate, and bone metabolism. While secondary hyperparathyroidism is due to long-standing PHPT results in autonomous parathyroid glands
- 1) - TRUE.
 - 2) + False .
- 51) Serum levels of.....effects parathyroid hormone.
- 1) - Magnesium
 - 2) - Vitamin D
 - 3) - Cortisol
 - 4) + All the above
- 52) Several autoimmune conditions involve your immune system attacking cells in your liver, including:
- 1) + Autoimmune hepatitis
 - 2) - Hemochromatosis
 - 3) - Wilson's disease
 - 4) - All the above
- 53)causes your liver to absorb copper instead of releasing it into your bile ducts. Eventually, your liver may become too damaged to store more copper, allowing it to travel through your bloodstream and damage other parts of your body, including your brain.
- 1) - Autoimmune hepatitis
 - 2) - Hemochromatosis
 - 3) + Wilson's disease
 - 4) - Alpha-1 antitrypsin
- 54) Damage your liver by overexposing it to certain drugs and supplements. Many times, this damage can be reversed once you stop taking the drug. Overdosing on..... is the most common cause of dose-dependent toxicity.
- 1) - Opioids
 - 2) - Ampicillin





- 3) Acetaminophen
4) Barbiturates
- 55) Liver function tests are the following EXCEPT:
1) Aspartate transaminase
2) Alanine transaminase
3) International normalized ratio
4) Bilirubin
- 56) Dentinal tubules devoid of the covering cementum layer have been suggested as possible pathways for bacteria in endodontically infected teeth, leading to
1) Further periodontal breakdown.
2) Periapical lesion
3) Periodontal abscess
4) All the above
- 57) The most productive part in dentinal tubules have a protective against inward diffusion of noxious bacterial products are:
1) Covering cementum layer
2) Dentinal fluid
3) Dentinal tubules
4) All the above
- 58) Non physiologic pathways to the pulp tissue are the following EXCEPT:
1) Root/tooth fractures
2) Root perforation
3) External root resorption
4) Root anomalies
- 59) Recent studies suggest that the microbiota of an acute dentoalveolar abscess (acute periapical periodontitis) is usually polymicrobial, similar to periodontal disease.
1) Porphyromonas
2) Fusobacterium
3) Prevotella
4) All the above
- 60) Management strategies for concurrent endodontic and periodontal diseases with communication are:
1) Endodontic treatment, periodontal therapy , finally root canal filling.
2) Endodontic treatment, root canal filling finally periodontal therapy.
3) Endodontic treatment, intracanal medication, periodontal therapy , reasses finally root canal filling.
4) Periodontal therapy, endodontic treatment, intracanal medication, reasses finally root canal filling.

