

CPD QUESTIONNAIRE 11.1.1

Article: COVID-19 risk management in dental practice. Part 2: The infection chain pathway of SARS-CoV-2. Hartshorne, van Zyl, page 20

- Which of the following statements relating to SARS-CoV-2 is TRUE?
 - Is a single stranded DNA virus
 - Non-enveloped
 - Diameter 0.06 –0.14 nm
 - Very susceptible to standard disinfection methods
 - It invades the host target cells by using the sialic receptor for viral entry
- Which of the following statements relating to the stability of the SARS-CoV-2 in different environmental conditions is TRUE?
 - Not sensitive to heat
 - Is unstable in a wide range of pH values (pH 3-10)
 - Is stable on stainless steel for 2 days
 - Is stable on glass for 10 days
 - Still present on the outer layer of a surgical mask after 7 days
- Which of the following statements relating to SARS-CoV-2 reservoirs is TRUE?
 - A place where the infectious cycle starts, replicate and survive
 - They can produce outside a cell
 - Lower viral loads are detected in nasal passages
 - There are no viruses in the upper respiratory tract of asymptomatic hosts
 - Salivary glands do not support SARS-CoV-2 replication
- Which of the following statements relating to how SARS-CoV-2 leaves the host reservoir is TRUE?
 - Cannot be transmitted through faecal route
 - Can only exit through the nose
 - Can exit the mouth during breathing
 - Cannot exit the mouth in aerosols when performing aerosol generating procedures
 - Cannot exit the mouth in sputum when coughing
- Which of the following statements relating to transmission of SARS-CoV-2 through respiratory droplets and aerosols is TRUE?
 - Expelled particles carrying pathogens exclusively disperse by either droplet or airborne transmission
 - Respiratory droplets are formed from the fluid lining of the respiratory tract
 - Lower viral loads have been detected in the nasal passages
 - Coronavirus cannot transmit through oral droplets (sputum)

Article: COVID-19 risk management in dental practice. Part 2: The infection chain pathway of SARS-CoV-2. Hartshorne, van Zyl, page 20

- SARS-CoV-2 is primarily transmitted through which one of the following:
 - Respiratory droplets
 - Airborne (aerosols)
 - Physical contact with infected droplets
 - All of above
- Which of the following statements relating to droplet and aerosol of transmission of SARS-CoV-2 is TRUE?
 - Viral particles can be aerosolized during dental procedures
 - Breathing and talking does not emit aerosol particles
 - Aerosol particles are >5 µm
 - Aerosol particles cannot be inhaled into the respiratory tract
- Which of the following statements relating to the portal of entry and life cycle of SARS-CoV-2 is TRUE?
 - Droplet and aerosol entry points are only through the nose and eyes
 - The S-protein of the virus allows it to attach to the ACE2 receptor on the host cell
 - Recent studies show that ACE2 receptors are not expressed on the oral mucosa
 - Mature virion exit the cell through the process of endocytosis
- Which of the following statements relating to susceptible host and risk factors for COVID-19 is TRUE?
 - The role of human genetics in determining clinical response is very specific and clearly defined
 - Elderly female individuals are more susceptible to COVID-19
 - Individuals with underlying hypertension are not at risk for COVID-19
 - Most individuals admitted to hospital with COVID-19 had underlying co-morbidities
- Which of the following statements relating to asymptomatic infections is TRUE?
 - Asymptomatic infections are more common in elderly populations
 - Asymptomatic infections are more common in individuals with co-morbidities
 - Asymptomatic cases have the same infectivity as symptomatic COVID-19 cases
 - Asymptomatic cases do not pose any challenges to infection control

CPD QUESTIONNAIRE 11.1.2

Article: Aesthetic two stage crown lengthening for altered passive eruption: A 25-year case report and review. Van Zyl & Snyman, page 38

- What is the reported prevalence of delayed passive eruption in South Africa?
 - 19%
 - 21%
 - 12%
 - 9.5%
- What is the proposed treatment for Altered Passive Eruption type 1A?
 - Osteoplasty followed by gingivectomy
 - Gingivoplasty
 - Gingivectomy
 - Osteoplasty only
- Can gingival phenotype be modified by clinical intervention?
 - No, it is determined by genetics only
 - Yes, but only in identical twins
 - Yes, it can
 - Not- it is impossible
- What is the suggested distance between bone crest and planned gingival margin after crown lengthening?
 - 5-6 mm
 - 2 mm in more than 90% of cases
 - ≥ 3mm
 - Between 2-3mm
- With regards to Altered Passive Eruption subgroup A, where is the alveolar bone crest located?
 - 1-3mm coronal to cemento-enamel junction
 - 1-3mm apical to cemento-enamel junction
 - At the cemento-enamel junction
 - Can be above or below the cemento-enamel junction

Article: Stress, burnout, substance abuse and impairment amongst members of the dental profession. Meyer, page 56

- Which of the following statements characterizing the dental professions are TRUE ?
 - Patients and society place a dentist in a challenging and vulnerable position
 - Dentistry is a rewarding but demanding profession
 - Dentists have to deal with difficult situations on a daily basis
 - All of the above
- Patients with a Type A personality trait are claimed to have higher levels of perceived stress and increased levels of burnout (TRUE or FALSE?)
 - True
 - False
- Which of the following statement regarding professional burnout is TRUE?
 - Orthodontists have the highest level of burnout
 - General dentists and oral surgeons have the lowest level of burnout
 - Most dentists with burnout are mentally and emotionally exhausted
 - Tendency by dentists to feel satisfied with their accomplishments
- Which of the following statements relating to substance and alcohol abuse is FALSE?
 - Cannabis is a licit substance
 - Smoking may be the most commonly abused substance among dentists
 - Alcohol may be associated with work stress amongst dentists
 - It is reported that the prevalence of addiction to alcohol or drugs for dentists is probably 12-19%
- Which of the following statements regarding prescription drug is TRUE?
 - A study has suggested that 31% of dentists use opiate and anti-anxiety prescription drugs
 - The ability of dentists to prescribe drugs for themselves is technically illegal
 - Relevant legislation is applied effectively in South Africa to protect both the profession and public against self-prescribing by dentists
 - All of the above