

Self Assessment Questions

Dental Materials Update: Through the Eye of a Clinician-Researcher

with Dr. Nathaniel Lawson

- 1) What are some of the advantages of bulk-fill flowable composites?
 - a) Depth of cure of 4mm or more
 - b) Lower shrinkage stress than conventional flowable composites
 - c) Good flow properties to adapt to the preparation
 - d) All of the above

- 2) What is the function of a wedge in a section matrix system?
 - a) To create separation force
 - b) To adapt the matrix band to the cervical unprepared tooth surface
 - c) To adapt the matrix band to the buccal/lingual aspect of the tooth surface
 - d) To shape the interproximal wall of composite

- 3) Which is not a reason why polishing is important?
 - a) To achieve the gloss of a natural tooth
 - b) To prevent external stains
 - c) To prevent plaque accumulation
 - d) To increase the strength of a composite restoration

- 4) Which type of ceramic is entirely crystalline?
 - a) Zirconia
 - b) Lithium disilicate
 - c) Porcelain
 - d) Resin composite

- 5) Which type of zirconia is the strongest?
 - a) 5Y
 - b) 4Y
 - c) 3Y

- 6) Which of the following can prevent black stains from occurring under crowns?
 - a) Cleaning tooth preparation with 10% EDTA after hemostatic agent
 - b) Cleaning tooth preparation with phosphoric acid after hemostatic agent
 - c) Cleaning tooth preparation with bleach after hemostatic agent
 - d) Using ferric sulfate instead of aluminum chloride hemostatic agent

- 7) Which can permanently remove black stains that occur under crowns?
 - a) Bleach (sodium hypochlorite)
 - b) Hydrogen peroxide
 - c) Air abrasion
 - d) Phosphoric acid

- 8) How many microns of enamel are removed with 60 seconds of microabrasion?
 - a) 25
 - b) 100
 - c) 1000