

- 1 The level of microleakage is usually:**
- Detectable only by electron microscopy techniques
 - Clearly detectable
 - Clinically undetectable
 - None of the above
- 2 Insufficient sealing of dental restorations can lead to:**
- Pulpitis
 - Marginal discoloration
 - Secondary caries
 - All of the above
 - None of the above
- 3 Over time, resin-based composites placed in conjunction with dental adhesives:**
- Seal the restoration margins through the formation of corrosion products
 - Have a positive influence on the prevention of microleakage
 - Lose their sealing ability
- 4 Incremental placement and curing during restorative procedures can lead to:**
- Less microleakage at the gingival margin
 - The same amount of microleakage at the gingival margin
 - Both of the above
 - None of the above
- 5 Clinically acceptable margins in metallic restorations have been reported to be:**
- 70 - 300 microns
 - 50- 70 microns
 - 150 - 200 microns
- 6 Antibacterial effects of a restoration is an important safeguard against secondary caries. Composite resins:**
- Have been found to inhibit secondary caries
 - Have little or no antibacterial properties
 - Accumulate more bacteria compared with other restorative materials
 - a and b
 - b and c
- 7 The average bacteria has a diameter of:**
- 10 microns
 - 2 - 3.5 microns
 - 0.3-1.5 microns
 - Less than 0.3 microns
- 8 It was found that the use of methylene blue as a tracer led to:**
- Lower microleakage scores than other microscopic evaluations
 - Similar microleakage scores than other microscopic evaluations
 - Higher microleakage scores than other microscopic evaluations
 - None of the above
- 9 It has been reported that, due to the deposition of corrosion products at the cavity-restoration interface, an initial poor seal of fresh amalgams:**
- Deteriorates with aging
 - Improves with aging
 - Shows no change with aging
- 10 The results of in vitro marginal integrity studies on dental restorative systems have been found to be:**
- Contradictory
 - Conclusive
 - Controversial
 - a and c

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