Digitized Occlusion - using something old with something new
by Todd Ehrlich, DDS, FAGD

1. The Biogeneric Tooth Model calculation is similar to:
   1. ☐ An electrical wiring diagram
   2. ☐ Face recognition software used for government intelligence agencies
   3. ☐ Computer chip design
   4. ☐ Plasma television display

2. The reference tooth for the Biogeneric Tooth Model calculation can be:
   1. ☐ A tooth within the prepared quadrant.
   2. ☐ A tooth outside the prepared quadrant designated by the clinician.
   3. ☐ A referenced tooth from a model.
   4. ☐ All of the above.

3. An advantage of optical impressions vs. physical impressions is:
   1. ☐ Optical impressions are faster than physical impressions.
   2. ☐ Quality of clinical conditions can be evaluated during the impression rather than after.
   3. ☐ Distortion does not occur over time with optical impressions.
   4. ☐ All of the above.

4. The digital models are articulated
   1. ☐ With a scan of the buccal surfaces.
   2. ☐ In maximum intercuspation.
   3. ☐ In a repeatable and defined position.
   4. ☐ All of the above.

5. A major advantage of “Buccal Bite” imaging is:
   1. ☐ The depth of buccal abfractions can be determined.
   2. ☐ The clinician can see if the patient is truly in their static maximum intercuspation position.
   3. ☐ The buccal contour of the restoration will blend better with adjacent teeth.
   4. ☐ The digital models can be dynamically moved in lateral and protrusive directions.
6. The Biogeneric Copy design method is utilized to:
   1. [ ] Duplicate the preoperative three-dimensional surface of the tooth and/or restoration.
   2. [ ] Copy the Biogeneric mathematical calculation for multiple teeth.
   3. [ ] Determine the outline of the computer generated proposal.
   4. [ ] Mathematically articulate upper and lower models.

7. The preoperative surface can give the clinician clues to motion paths of the mandible during the design phase.
   1. [ ] True
   2. [ ] False

8. The Biogeneric Copy design method by itself is limited to the preoperative occlusal pattern and may not represent the true intermaxillary space.
   1. [ ] True
   2. [ ] False

9. Combining the Biogeneric Tooth Model calculation with the Biogeneric Copy method allows the digital restoration design to:
   1. [ ] Be compared to the preoperative surface.
   2. [ ] Have a mathematical calculation of the virgin anatomy for the tooth.
   3. [ ] Be built to the opposing teeth, much like with triple tray models.
   4. [ ] All of the above.

10. Designing multiple restorations concurrently has many advantages, but the major advantage of designing two maxillary centrals at the same time is:
    1. [ ] The time of designing is reduced.
    2. [ ] The patient has input on the design.
    3. [ ] The centrals can be rotated or lengthened together.
    4. [ ] The esthetic position of the midline can easily be designed between the two teeth.

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- [ ] Some  
- [ ] Moderate  
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