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Reducing the Alloy Thickness of Base Metal Ceramic Restorations
(Course # 19839)

1. The method of porcelain fracture is a complex phenomenon and experiments of this type are complex in vitro, and even more taxing in vivo.
    a. True
    b. False

2. The control group was used to determine the possible increase in thickness of base metal allows compared to noble metal alloys.
    a. True
    b. False

3. The standard deviation of the control group was 5.01 N.
    a. True
    b. False

4. In this study, only group C presented similar strength values to that of the noble metal alloy control.
    a. True
    b. False

5. The hypothesis, that a significant reduction in thickness can be achieved using a base metal alloy when compared to the strength of a noble metal alloy was accepted.
    a. True
    b. False

6. If the porcelain thickness is at the minimum permissible thickness to match a shade of 1mm the alloy shouldn't be reduced below .2mm.
    a. True
    b. False

7. Increasing the metal alloy thickness decreased the metal ceramic restoration's strength.
    a. True
    b. False

8. The importance of the coefficient of variation values was that they indicate the minimal variation of the specimens.
    a. True
    b. False

9. If sufficient base metal alloy thickness of a minimum of .4mm is allowed for the alloy thickness, it allows the restoration to resist porcelain fracture better.
    a. True
    b. False

10. From the results obtained, it could be argued that the alloy thickness is not the main contributing factor to enhancing the strength of metal ceramic restorations.
    a. True
    b. False

Passing quiz grades are worth ½ point documented scientific credit. Quiz results will appear on the NBC CDT Online Education Tracking System at www.nadl.org under the Certification Section, which is updated on or around the 15th of every month. Once completed, send your quiz to the National Board for Certification in Dental Laboratory Technology at the address or fax number below. Name: _____ CDT #: _____ Date:_____ 325 John Knox Rd, Suite L103, Tallahassee, Florida 32303 (850) 222-0053 FAX This quiz is provided to test the technician's comprehension of the article's content, and does not necessarily serve as an endorsement of the content by NADL or NBC.