

Elastic modulus of the metallic and ceramic components of restorative systems

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Elastic modulus of high-stiffness material is difficult to measure especially with small test pieces available with dental materials. Data are required both for the design of restorative prostheses and for comparative testing of, for example, bonding between components. NIOM is comparing existing measurement methods to establish and improve the attainable precision and to apply this to a series of high-stiffness metals and ceramics.