

Tensile Bond Strength Of Composite Resin To Glass-Ionomer Cement

Esam Naguib * And Faten Kamel *

The tensile bond strength between composite resins chemically cured and light cured to glass ionomer cement was studied. In addition, the tensile bond strength of dentin bonding agent was studied using human dentin in vitro.

It was found that, the tensile bond strength of composite resin is significantly greater to glass ionomer cement than to dentin with dentin adhesive. In addition, tensile bond strength between light cured composite resin and glass ionomer is significantly higher than that between chemically activated composite resin and glass ionomer.

- Lecturer of Operative Dentistry Dept., Faculty of Oral and Dental Medicine, Cairo University.

* Johnson & Johnson Dental Products Company, East Windsor, NJ.

** Kulzer & Co., Gm bH, Bereich Dental, W. Germany.

*** Scotch bond, 3 M Dental Products, St. Paul.