EFFECT OF VENNER THICKNESS AND SHADE OF CEMENT ON THE COLOR PARAMETERS OF EMPRESS CERAMIC

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ABSTRACT

The present study was done to examine the effectof venner thickness and shade of resin cement on the color parameters of ceramic system. Disc specimen with core of 1 mm thickness and veneer thickness of 0.5, 0.7 and I mm thickness of leucite Empress ceramic. Color parameters L*. a* and b* of CIELAB colo r space against gray background were measured. It was found that increasing the ceramic thickness resulted in a statistical significant decrease of L* and an increase of a*, h* and AE. Also the color parameter of the ceramic not only affected by the veneer thickness but also by (lie shade of cement especially with decreasing veneer thickness.

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