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## Influence of exposure time to coffee on color stability of selected composite resin veneers

**Amar M Thiyab, Nik Zarina N Mahmood** and **Mohamed Ibrahim A Hassan**
MARA University of Technology, Malaysia

**Objectives:** The aim of the study is to evaluate the effect of the time and instant coffee solution on the color stability of three types of composite resin based veneer systems.

**Materials & Methodology:** Twenty-four composite resin veneer samples were selected and divided into three groups: two groups of prefabricated veneers (Edelweiss, Ultradent Inc™ (EDL) and Componeer, Coltène/Whaledent AGTM (CMP)) and one group of laboratory made (Nexco, Ivoclar Vivadent (NEX)) veneer system were tested (n=8). Specimens were prepared and stored in staining solution (instant coffee) and assessed color changes with Minolta spectrophotometer every three days for a period of 27 days, after which color differences (ΔE*) were calculated. Data collection and analysis was done using one-way ANOVA and student's t-test (α=0.05).

**Results:** One-way ANOVA revealed a significant difference in color stability between the two veneer systems. NEX group veneer system exhibited the highest color stability (ΔE*= 0.73±0.5) as compared to prefabricated veneer groups (EDL 10.07±5.15, CMP 7.41±4.64) with p value<0.05.

**Conclusions:** The color stability (ΔE*) of the laboratory made veneer system is significantly higher than the prefabricated veneer systems and more clinically accepted.

ammaralkarkhi@yahoo.com