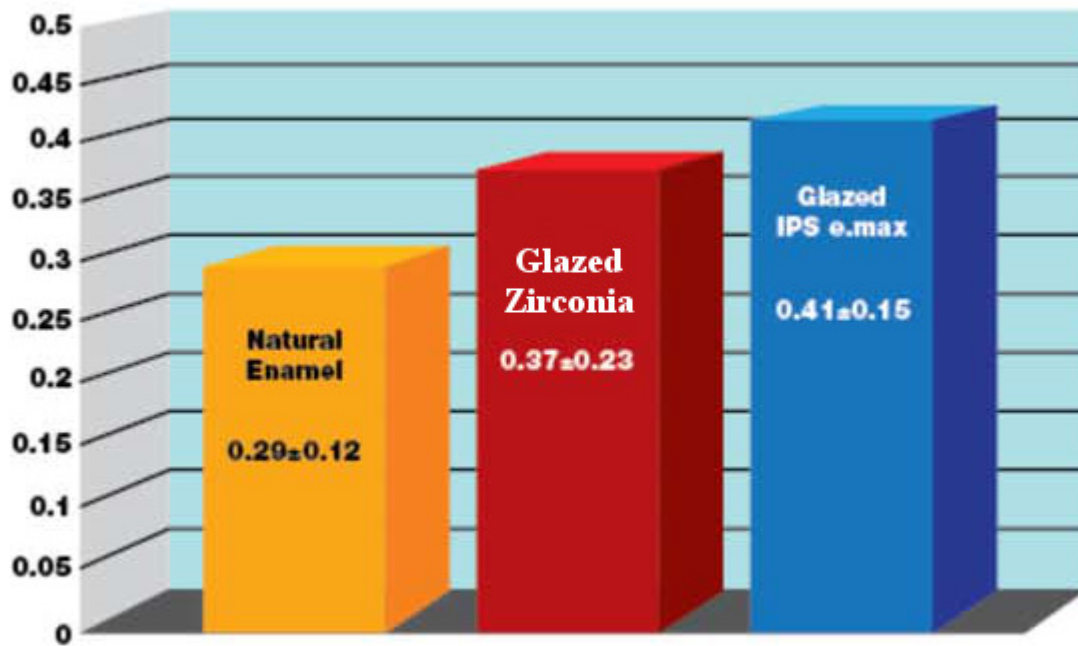


Wear of Enamel on Polished and Glazed Zirconia

(AADR Abstract ID#129615 2010 S. SHAH, C. MICHELSON, P. BECK, L.C. RAMP, D. CAKIR, and J. BURGESS

The results after 100,000 cycles show that the volume loss in mm is virtually identical between glazed IPS e.max® and glazed solid zirconia.

While studies typically provide both depth and volume measurements, depth measurements are not considered as accurate as they do not distinguish between a small deep hole versus a wide and shallow hole. Therefore, the volume loss measurement is considered more accurate.



Other studies are ongoing, and as more details emerge we will share them.

Material against Enamel Results: Volume (mm³)

Enamel 0.29 ± 0.12

Zirconia Glazed 0.37 ± 0.23

IPS e.max Glazed 0.41 ± 0.15

IPS e.max is a registered trademark of Ivoclar Vivadent.