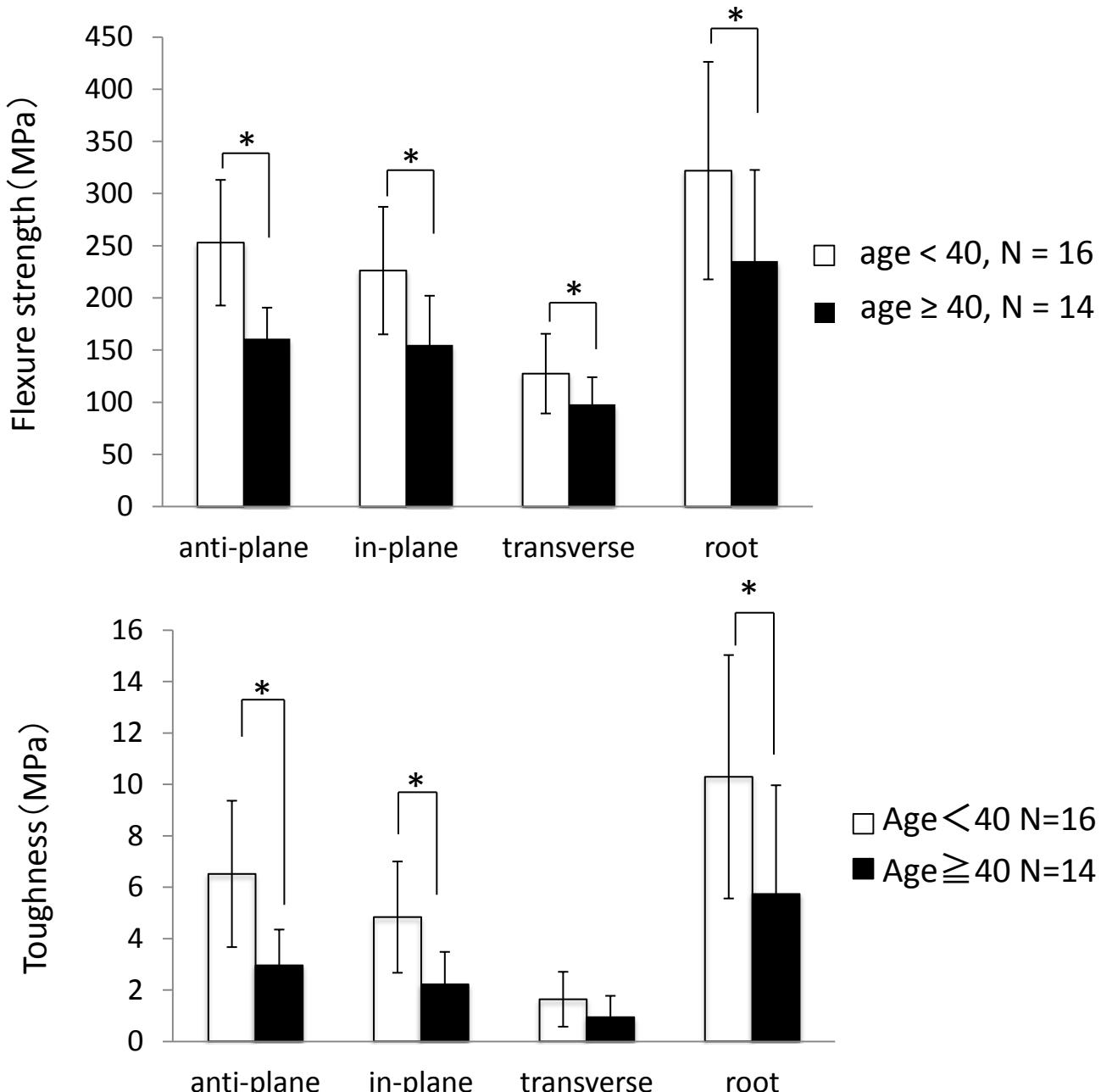


# Comprehensive analyses of how tubule occlusion and AGEs diminish strength of aged dentin

Yuko Shinno, Takuya Ishimoto, Mitsuru Saito, Reo Uemura, Masumi Arino,  
Keishi Marumo, Takayoshi Nakano, Mikako Hayashi



Appendix. Flexure strength and toughness of human crown and root dentin with different tubule orientations in the aged (age  $\geq 40$ ) and the young (age  $< 40$ ) groups.

\*: Statistically significant differences between the aged and young groups (*t*-test,  $p < 0.05$ ).