

Turkish Journal of Medical Sciences

Turkish Journal

of

Medical Sciences


Investigation of Plaque Formation by Scanning Electron Microscopy

Ece KOPARAL 1

Rengin TÖTÖNCÜ 2

1 Departments of Pedodontics, Faculty of
Dentistry, Ege University, İzmir-Turkey

2 University of Cologne, Clinic of Dental
Medicine, School of Dentistry, Department of
Operative Dentistry and Pedodontology,
Germany.

 [Keywords](#)

 [Authors](#)



medsci@tubitak.gov.tr

[Scientific Journals Home Page](#)

Abstract: The aim of this study was to investigate plaque formation on natural tooth surfaces by a replica technique, which offers investigation of oral hard tissue surfaces by scanning electron microscopy. This method is recommended in cases where direct investigation is impossible such as when non- extracted teeth are investigated or when extracted teeth are expected to be influenced by the dehydration and drying process. The representative photographs demonstrate the accumulation of plaque in two days.

Key Words: Replica technique, scanning electron microscope, dental plaque.

Turk J Med Sci 2000; **30**(2): 119-124.

Full text: [pdf](#)

Other articles published in the same issue: [Turk J Med Sci,vol.30,iss.2.](#)