

Acid Etch

Last Updated Thursday, 21 September 2006

Description

An acid wash is used to roughen the machined surface with the goal of improving osseointegration. Chemical etching may be used in combination with grit-blasting.

Advantages

Perceived advantage is a microscopic increase in surface area which may be attractive to osteoblastic activity. There may be a resultant increase in mechanical locking of the implant in the bone. To date, there is nothing that proves this to be a superior surface for a dental implant.

Disadvantages

None, except for the possibility of contamination which I have not seen....

Recommendations

Acceptable provided contaminants have been totally removed from the surface.