

## Shot Blasted

Last Updated Thursday, 21 September 2006

### Description

A machined implant is blasted with a material that can then be removed by washing the implant in a specific solvent. This will create an irregular, roughened surface that might be more conducive to osseointegration. Grit blasting may be combined with chemical etching.

### Advantages

Again, an increase in surface roughness may promote ossteoblastic activity and get a faster/stronger level of osseointegration. To date, there is no proof of this.

### Disadvantages

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

### Recommendations

Acceptable provided contaminants have been totally removed from the surface.