

# Titanium Plasma Spray

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## Description

Molten titanium is sprayed onto the surface of a machined implant to increase the surface area of the implant promoting initial stability and osseointegration.

## Advantages

Increased surface area and roughness definitely adds to mechanical stabilization of the implant and may ultimately improve osseointegration.

## Disadvantages

There may be a high degree of variability in the process.

## Recommendations

Acceptable but not used very much anymore...