

Hydroxyl Apetite Plasma Spray

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Description

Hydroxyl Apetite is sprayed onto the surface of a machined implant to produce a rougher surface configuration.

Advantages

The HA increases the surface area and it also provides an accelerated bio-integration. There is a definite advantage to using HA on dental implants because it is osteoconductive and promotes rapid and more complete osseointegration.

Disadvantages

HA is soluble in oral fluids and if the HA is exposed, it will cause implant failure with accelerated bone loss.

Recommendations

Acceptable with proper technique to prevent exposure of the HA.