

Why choose a zirconia implant?

Zirconia dental implants are increasing in popularity. More and more companies are offering zirconia implants as part of their portfolio. High aesthetics, increasing cases of titanium sensitivity along with clear health advantages are indicating zirconia as material of choice for dental implants. The main reasons for choosing zirconia include:



Outstanding aesthetics

The beautiful white tooth colour of zirconia looks natural and cannot be seen through mucosal tissue.



Optimal osseointegration

Results of clinical studies demonstrate that osseointegration of zirconia implants is comparable with titanium implants.

Allergies and sensitivities

Some patients may be allergic to metal. Zirconia implants, made of a non-metal, ceramic material, have not been documented to cause any allergic reaction in patients.



Low plaque affinity

Zirconia implants have low plaque affinity creating an oral environment that promotes healthier mucosa, low amounts of inflammatory infiltrate and good soft-tissue integration resulting in a lower risk for peri-implant disease.



Strength

Zirconia shows superior biomechanical properties like high fracture toughness and bending strength, giving zirconia implants the ability to withstand masticatory forces.



Health conscious patients

Nowadays, patients are more health conscious than ever before. Zirconia implants address these patient needs. They are white, coloured like a natural tooth and provide a highly-aesthetic and metal-free alternative to implants made of titanium.

Biocompatible

Zirconia is a biocompatible material, which was FDA approved and thus considered to be safe. This means that implants made of zirconia interact favourably with the human body and are non-toxic.



Scientifically proven

In Europe zirconia implants have been in use since the late 1980's and in US since 2007 with very promising results.



No release of titanium ions

Recent studies are indicating that increased levels of dissolved titanium, which are released into the surrounding tissue by titanium implants, are associated with peri-implantitis.¹



Closer to nature

Blood flow in tissue surrounding zirconia is similar to that in soft tissue around natural teeth.²

Changes for the better

Dental ceramic is one of the most preferred materials in modern fixed prosthodontics. Metal amalgam fillings are hardly in use in dentistry anymore and the next step will be for dental professionals to adopt zirconia implants as material of choice in their practices.



contact

TAV Dental

Shlomi, Israel

Phone: +972 4 9808615

info@tavdental.com

www.tavdental.com

Literature



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