

# Zirkonzahn®



## ZIRCONIA CERAMIC MATERIAL

METAL FREE DENTAL RESTORATIONS WITH  
HIGH QUALITY CERAMIC MATERIAL

*No black margins, extremely solid,  
excellent biocompatibility, high translucency.*

ZIRKONZAHN *human zirconiumtechnology*  
WWW.ZIRKONZAHN.COM

# Zirconia - the ceramic material for metal free dental restorations

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*Zirconium is one of the oldest and most abundant elements in the terrestrial crust and it is the basis for Zirconium oxid (yttrium stabilized Zirconium dioxide). This first-class-performance-material was successfully used for artificial limbs and joints in the medical field in the last decades and now, this material, which is very difficult to process, is also available to the dental industry. Due to its excellent biological characteristics, Zirconium is nowadays the preferred material for dental restorations.*

*Tests revealed that in case of the use of zirconia no allergic reactions in the oral cavity area are to be expected in the mouth area. In case of correct constructions, firmness is given even after 50 years. Almost any kind of dental restoration is possible in zirconia. It is possible to make bridges of all sizes, cemented or screwed, also implant superstructures can be realized with this material.*



For more information about zirconium please have a look at the website [http://en.wikipedia.org/wiki/Zirconium\\_dioxide](http://en.wikipedia.org/wiki/Zirconium_dioxide)

100% WHITE TEETH



- *high translucency*
- *no black margins*
- *extremely solid*
- *absolutely metal free*
- *excellent biocompatibility*

METALLIFEROUS



METAL FREE, ZIRCONIA



*Zirconia's translucency favours the aesthetic and natural look of the dental restoration. Those characteristics are enhanced by the possibility to colour the frame structures with 16 different colour liquids. This fact guarantees longevity, because there are no black margin in case of age-related retreat of the gums, as this might be the case with metal restorations. Furthermore this very acid-proof material prevents the absorption of pollutants and makes cleaning easier.*

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