ISMI: A new Society for Implantology



_The International Society of Metal Free Implantology (ISMI) was established in January 2014 in Constance (Germany). Founding president of the new society is Dr Karl Ulrich Volz from Constance, a resident implantologist and pioneer in the field of ceramic implants. Members of the founding group are renowned dental implantologists from Germany and abroad.

Aim of the new society is promoting metal-free implant dentistry as an innovative and particularly future-oriented direction within the field of implantology. In this context, ISMI supports its members with training and education opportunities as well as with regular expert and market information. In addition, ISMI campaigns in their public relations, i.e. in circles of experts as well as in patient communication, for a comprehensive establishment of metal-free implant treatment concepts.

ISMI | INT. SOCIETY OF METAL FREE IMPLANTOLOGY

In addition to patient advertising and public relations, ISMI offers its members a range of benefits, such as an individual homepage for every member, a specialist online archive and a chat on „Metal Free Implantology", training opportunities and a monthly newsletter.

_Metal-free implantology

For more than 40 years, titanium implants have proven to be excellent dental implants. Although the roots of implantology were metal free, the then available aluminium oxide ceramic has not worked for reasons of stability. The developer of these implants, Prof. Dr Willi Schulte, told Dr Volz shortly before his death in a personal letter that he was still convinced that the future belongs to zirconia implants.

Dr Rudelt from Hamburg has worked very successfully with zirconia implants for over 30 years. He handed on human histologies to Dr Volz, documenting a 20-year span of results. Unfortunately, his promising work could not be continued due to the economic crisis in Japan and the thus affiliated end of financial support by the main sponsor KODAK. Dr Ulrich Volz then took up the issue again in the year 2000 because the patients of his environmental medical clinic, as well as the resident doctors Dr Joachim Mutter and Dr Johannes Naumann (formerly Environmental Medicine, University of Freiburg/Breisgau) persisted on the use of metal-free implants. Over the past 13 years, Dr Volz successfully inserted more than 8,000 zirconia implants and characterised the trend towards metal free implantology.

Today, zirconia is an established material for dental implants. Stability, osseointegration and prosthetic options more and more achieve the level of conventional titanium implants. The broad use of titanium dioxide in cosmetics and medicines causes an growing number of incompatibilities. The patients' demand for highly aesthetic, tissue-friendly, anti-allergic and metal-free zirconia increases year by year. Market experts estimate that the proportion of zirconia implants is to reach at least 10 per cent, more likely 25 per cent in the next years.

For more information on metal-free implantology, visit www.ismi.me._

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