



FDI POLICY STATEMENT

Quality of Dental Implants

Original version adopted by the General Assembly in September 2004, New Delhi, India

Revised version adopted by the General Assembly: 26th September 2008, Stockholm, Sweden

Background

More than 220 implant brands produced by about 80 manufacturers are commercially available worldwide. These are made from different materials, undergo different surface treatments and manifest in different shapes, lengths, widths, forms, coatings and prosthetic components. Clinicians can in theory choose from more than 2,000 variants.

The FDI World Dental Federation recognises that:

- overall, implants made from titanium and titanium alloys appear to perform well clinically in properly surgically prepared bone, regardless of small variations in design
- more scientific evidence is needed to determine the effects of dental implant materials, geometry and surface topography on their clinical performance and long-term treatment outcomes. The study methodology needs to be standardised. Hence, there is inconclusive evidence for promoting a category of specific implants or implant systems over others
- even some clinical trials on dental implants that show relatively short follow-up periods need scientifically agreed outcome measures
- some implants are manufactured and sold without compliance to international standards. It would be prudent to only use dental implants which have proven clinical performance, conform to international standards such as those from ISO and are in compliance with requirements of regulatory bodies

Bibliography

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