



DR. RAKSHITH HEGDE

“Smartfix™ : Smart solution for edentulous patients”

Dr Rakshith Hegde, is a renowned prosthodontist & professor in A B Shetty Memorial Institute of Dental Sciences, Mangalore. He has done MDS Prosthodontics including crown & bridge from Rajiv Gandhi University, Diploma in WeldOne™ Concept. He has been accredited by DENTSPLY Sirona Implants and DGOI Germany to conduct courses in India. He has 5 International and 16 National publications and has been awarded for best paper for 33rd IPS conference. He has been invited as speaker at various national and international events like ISSPD Thailand, ICOI South Asia, IDC, WCOI and India Internal Dental Congress. A very sought out and experienced implantologist, he is member of various societies like Indian Prosthodontics Society, Indian Society of Prosthodontics-Restorative-Periodontics. Member of DGOI Germany, Asia Pacific Association of Implant Dentistry.

Ankylos® Implant System has features that make it unique: intrinsic platform switching, an integral part of the original implant design; the conical connection, virtually without micro gap; the square thread and the distinctive implant body design. Rehabilitation with maxillary full-arch implant supported prosthesis in elderly patients is complicated by the pneumatization of the maxillary sinuses as well as ridge resorption – resulting in limited alveolar bone height for implant placement in the posterior maxilla. The **SmartFix™** concept is an implant-prosthetic procedure for the immediate restoration of edentulous patients with screw-retained bridges or bar dentures in the maxilla and mandible which provides stable prosthetic fit, avoids critical anatomical areas by using angled implants. The **Smartfix™** concept involves use of two straight implants in the pre-maxilla and two tilted distal implants placed so as to avoid sinus augmentation procedures as well as obtain sufficient antero-posterior spread. Thus, the completely edentulous maxilla can be rehabilitated with a fixed prosthesis supported by 4 to 6 implants. In the mandibular arch due to resorption in the posterior mandibular alveolar ridge we might need to consider tilting of the posterior implants to avoid damage to the inferior alveolar canal and 2 straight implants in anterior region.



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