

World-renowned dental expert Dr. Robert Schroering visits India to discuss the All-on-4® treatment protocol: Changing patient lives with a minimally invasive solution for edentulous rehabilitation

Media release

It provides edentulous patients with an efficient and reliable restoration using four implants to support immediately delivered full-arch prosthesis.

Kolkata, India, September, 2016

All-on-4® treatment concept stands for “All teeth on only four dental implants”.

Dr. Robert Schroering, a renowned Dental Surgeon from USA and also an authority in All-on-4® treatment concept, conducted workshop at AMRI Medical Centre, Southern Avenue in Kolkata to educate dental implant professionals on how patients can have Immediate Function and excellent aesthetics with a limited number of implants, and to and shared his global experience. Dr. Schroering performed two live surgeries in the master class to demonstrate this technique. The treated patients expressed happiness as they walked out of surgery with an immediately delivered, fully functional set of teeth.

This ingenious dental implant protocol was specifically innovated over twenty years ago by world-renowned European implantologist Dr. Paulo Malo in association with leading implant company Nobel Biocare, to provide edentulous or soon-to-be edentulous patients with a new, non-removable bridge supported by only four strategically placed dental implants.

Classified as a disability by the WHO (World Health Organization), edentulism affects 60 million people in India alone, with 91.2% of the nation’s elderly population toothless to some degree. These patients experience rapid permanent loss of the underlying jaw bone which can contribute to nutritional deficiencies (due to the inability to chew solid food), and speech impairment. In addition, patients do not feel confident to smile, which can impact their emotional and psychological health as well.

According to the Indian Journal of Dental Research, the majority of patients remain untreated for edentulism. Until recently, patients only had two suitable treatment options; removable dentures and dental implant surgery. Approximately 40 % of patients choose removable dentures but it only restores 10% of the normal teeth function and it does not prevent the underlying bone loss. A conventional dental implant surgery requires placing 6-8 implants per jaw. In many of these cases patients require bone grafting before implants are placed because this situation is accompanied by bone loss. The associated additional cost and time (12–18 months) delays relief (a set of functional teeth) for the patients.

This breakthrough in dental technology was designed to keep the patient’s needs and concerns at the forefront. This new minimally invasive surgery requires no bone grafting and allows patients to walk out the same day with functional teeth. In addition the All-on-4® treatment concept can be more cost effective due to the fact it only requires four implants.

The use of angulated implants at the back to overcome deficient bone and/or anatomical limitations is what sets the All-on-4® procedure apart from other treatments. It reduces, and in many cases eliminates, the need for bone grafting. The quick recovery time and long-term success of the treatment can make a world of difference for the patients. Imagine coming out of an implant surgery; being able to bite straight on a juicy apple!

The dream of new fixed teeth can now be a reality for patients and help them enjoy a quality life once more.

This work is recognized worldwide by the dental and medical fraternity as setting a new standard in fixed oral rehabilitation. Hundreds of thousands of patients have been treated with the All-on-4® treatment concept and it is backed by long-term clinical evidence.

AMRI Hospitals, a multi-specialty healthcare facility in Eastern India with specialization in Oncology, Neuro Sciences, Cardiac Sciences, Orthopedics, Emergency & Trauma care, Gynecology & Childcare is the largest player in private sector with its existing strength of around 1000 beds. With its state-of-the-art equipment and modern facilities, AMRI is ensuring that people from Eastern India are provided affordable high quality medical care in the region, so that patients need not travel to other parts of the country for medical treatment. Capacity expansion is also underway at AMRI for additional beds in its existing facilities in Kolkata. A 400 bedded state-of-the-art super-specialty hospital has recently become operational in Bhubaneswar. AMRI Hospitals will soon be setting up a new 400 bedded facility in West Bengal with an investment of Rs.500 crs. The Group is committed to serve the people of Eastern India and has plans to add another 600-700 beds in the next 3-4 years.

Nobel Biocare is a world leader in the field of innovative implant-based dental restorations. The company's portfolio offers solutions from single tooth to fully edentulous indications with dental implant systems (including key brands NobelActive®, Brånemark System® and NobelReplace®), a comprehensive range of high-precision individualized prosthetics and CAD/CAM systems (NobelProcera®), diagnostics, treatment planning and guided surgery solutions (NobelClinician® and NobelGuide®) and biomaterials (creos™). Nobel Biocare supports its customers through all phases of professional development, offering world-class training and education along with practice support and patient information materials. The company is headquartered in Zurich, Switzerland. Production takes place at five sites located in the United States, Sweden, Japan and Israel. Products and services are available in over 80 countries through subsidiaries and distributors.

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