

INTERNATIONAL SYMPOSIUM - MANI SILK ROTARY SYSTEM
DEPT OF CONSERVATIVE DENTISTRY AND ENDODONTICS
SREE BALAJI DENTAL COLLEGE & HOSPITAL

Endodontics: The branch of dentistry concerned with the morphology, physiology and pathology of the human dental pulp and periradicular tissues. Its study and practice encompasses the basic and clinical sciences including the biology of the normal pulp and the etiology, diagnosis, prevention and treatment of diseases and injuries of the pulp and associated periradicular conditions. The scope of endodontics includes, but is not limited to: the differential diagnosis and treatment of oral pains of pulpal and/or periapical origin, vital pulp therapy such as pulp capping and pulpotomy, nonsurgical treatment of root canal systems with or without periradicular pathosis of pulpal origin, the obturation of these root canal systems, selective surgical removal of pathological tissues resulting from pulpal pathosis, intentional replantation and replantation of avulsed teeth, surgical removal of tooth structure such as in root-end resection, bicuspidization, hemisection and root resection, root-end filling endodontic implants, bleaching of discolored dentin and enamel (teeth), retreatment of teeth previously treated endodontically, and treatment procedures related to coronal restorations by means of post and/or cores involving the root canal space.

The success of endodontic treatment depends upon the appropriate use of various hand and rotary endodontic instruments. The introduction of nickel-titanium (NiTi) rotary files to endodontics, almost two decades ago, has changed the way root canal preparations are performed, enabling more complicated root canal systems to be cleaned and shaped with fewer procedural errors.

Mani Inc, Japan is one of the pioneers in the manufacture of hand instruments and dental burs. The company has been contributing to global medical & dental welfare through its research, development, production and distribution of its products worldwide.

Since the introduction of rotary endodontic systems, there is a constant evolution in the cross-sectional design & metallurgy of rotary endodontic instruments to create an ideal glide path leading to proper cleaning and shaping of the root canal. One such effort taken by Mani Inc has led to the introduction of Mani Silk rotary system.

This international symposium combined with clinical demonstration & workshop on Mani Silk Rotary system was organised by the Dept of Conservative Dentistry & Endodontics, Sree Balaji Dental college & Hospital, Chennai on 3rd August 2017 under the able guidance of the Head of the Dept –

Prof. Dr. A. Subbiya. Mr. Shuhei Takahashi, Mani Inc, Japan gave a lecture explaining the various medical and dental instruments manufactured by the company. He also described the use of the Mani filter that enables identification of duplicate instruments and helps the clinicians to check the originality of Mani files and burs. Mr. Takahashi also demonstrated and conducted the workshop on the clinical use of Mani Silk rotary system. The symposium was attended by all the faculty members and post graduate students from the Dept of Conservative Dentistry and Endodontics.



Mr. Shuhei Takahashi, Mani Inc, Japan giving a lecture



Mr. Takahashi interacting with faculty members



Mr. Takahashi demonstrating to the post graduate students and faculty members



Prof Dr. A. Subbiya & Mr. Takahashi with the faculty members



Prof Dr. A. Subbiya & Mr. Takahashi with the post graduate students



Prof Dr. V.G. Sukumaran & Prof Dr. A. Subbiya facilitating Mr.Takahashi with the traditional Tanjore plate