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WILEY

"NiTi Brush for Peri-implantitis"

(Since 2010 by HANS Korea)

Global Standard for mechanical treatment of peri-implantitis

To explain "what's the NiTi Brush", we would like to mention a literature as below.

(HANS Korea has no commercial relationship with below literature)

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IMPLANT DENTISTRY

Volumetric assessment of tissue changes following combined surgical therapy of peri-implantitis: A pilot study

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Funding information: The study was supported by an Educational Grant of the Osteology Foundation, Lucerne, Switzerland

Conclusions: The peri-implant mucosa undergoes considerable volumetric changes after **combined surgical therapy.** However, tissue contraction appears to be influenced by the width of KM.

Link for literature: https://onlinelibrary.wiley.com/doi/epdf/10.1111/jcpe.13335

This literature mentioned as below.

"Subsequently, a meticulous and complete removal of granulation tissue was accomplished and the **exposed implant surfaces were decontaminated using a titanium brush** (Hans Korea Co., Ltd.)."



About HANS Korea

Concept: Manage and treat the implant as like natural teeth. Do not remove the implant.

Purpose: Development of NiTi Brush for peri-implantits treatment.

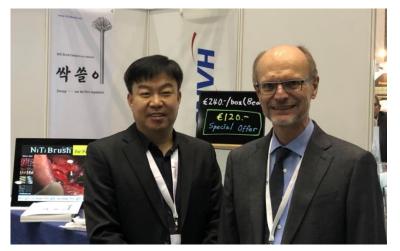
History

2010: Establishment, Patent application for NiTi Brush

The inspiration of NiTi Brush for Peri-implantits had been supplied through a meeting with two ITI fellows-Professor Dr. Baek-Soo Lee -Department of Oral and Maxillofacial Surgery, Kyung-Hee University, Seoul, Korea & DDS, PhD, FITI - Oral Surgeon Yasushi Nakajima in Osaka, Japan.

2011: FDA registration for NiTi Brush, Start sales the NiTi Brush in USA

Meet the first customer in Germany(**Jürgen Becker**: Department of Oral Surgery, Westdeutsche Kieferklinik, Universitätsklinikum Düsseldorf, 40225 Düsseldorf, Germany) during 2nd Implant expo-Dresden, Germany 2011.



2012: The clinical success case of NiTi Brush for peri-implantitis by Prof. Dr. Baek-Soo Lee in Korea

2013: CE class2a for NiTi Brush and start sales in EU.

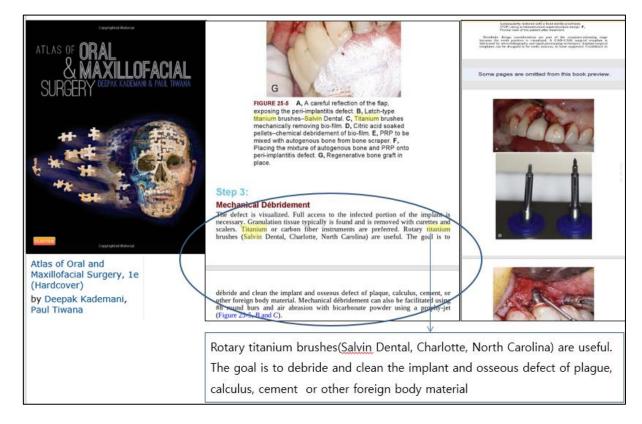
2014: Japan FDA approval for NiTi Brush and start sales in Japan.

First Literature in Japan "Comparison of Mechanical Removal Method on HA Coated Implant Surface" Akihiro SUZUKI, Motohiro MUNAKATA, Tsuyoshi MATSUURA, Noriko TACHIKAWA, Shohei KASUGAI Akihiro SUZUKI: Oral Implantology and Regenerative Oral Medicine, **Tokyo Medical and Dental University** Motohiro MUNAKATA: Department of Prosthodontic Dentistry for Function of TMJ and Occlusion, Kanagawa Dental University Tsuyoshi MATSUURA: Oral Implantology and Regenerative Oral Medicine, Tokyo Medical and Dental University Noriko TACHIKAWA: Oral Implantology and Regenerative Oral Medicine, Tokyo Medical and Dental University Shohei KASUGAI: Oral Implantology and Regenerative Oral Medicine, Tokyo Medical and Dental University

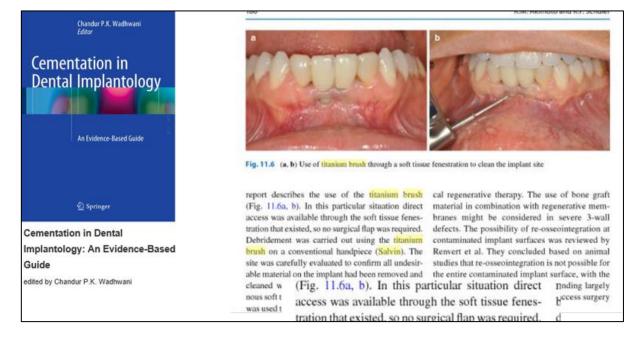


2015: First publication in USA

Atlas of Oral & Maxilloficial Surgery 2015



Cementation on Dental Implantology (2015)





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2016: First literature in Italy by Dr. Mario Roccuzzo



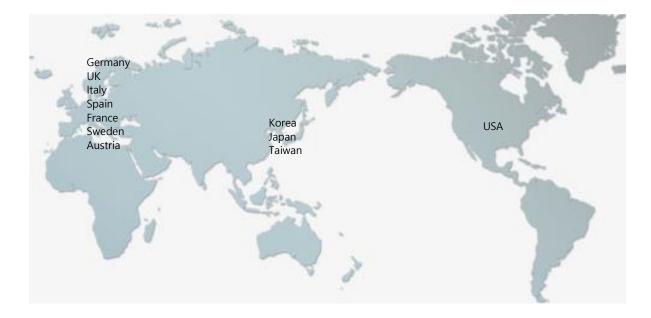
"I often use NiTi Brush to clean and decontaminate the surface of the implants affected by peri-implantitis, before attempting a regenerative procedure.

Its reduced dimension allow me to reach every area, even if the space is limited"

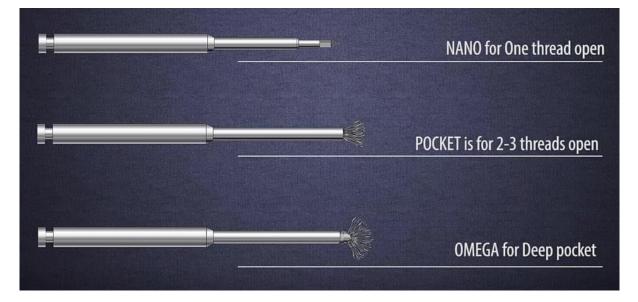




2017: Start the sales of NiTi Brush in leading countries of EU



2018: Full line up of NiTi Brush models-Nano, Pocket and Omega



Link for movie: https://www.youtube.com/watch?v=4aD8y9nwGWA

Catalogue: http://www.nitibrush.com/upload/NiTi%20brush%20for%20periimplantitis%20Catalogue%20Rev003.pdf

2019: Renewal of CE class2a certificate(expiry date: 26 May 2024)

2020: Overcome the COVID19, First year for "+" profit balance in P&L statement



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Epilogue: 10 years journey of NiTi Brush for peri-implantitis.

2010, two ITI fellows-Professor Dr. Baek-Soo Lee & DDS, PhD, FITI Yasushi Nakajima and I(HANS Kim-owner of HANS Korea) discussed a topic of peri-implantitis sharing SAKE(traditional Japanese drink) in Osaka, Japan until the early morning. It's the starting of the NiTi Brush for peri-implantitis.

From the fall of 2011, I started the business trip for the promotion of "NiTi Brush for peri-implantitis". Prof. Hom Lay Wang(The University of Michigan School of Dentistry) was the first professor who started to use the NiTi Brush

for peri-implantitis in USA. At the same time, during the AAP 2011, "Chrixxxxx Fxxx, PhD" of Institut Strauman

AG(Peter Merian-Weg 12 CH-4052 Basel, Switzerland) visited HANS Korea's exhibition booth for a discussion of NiTi Brush. But, "NiTi Brush for peri-implantitis" was not completed products, and scientific evidence for NiTi Brush for peri-implantitis was not enough at that time.

Prof. J. Becker was the first professor who picked up the NiTi Brush in Europe during the 2nd Implant expo 2011, Dresden, Germany. And, dr. Mario Roccuzzo was the first doctor who released the first literature for "NiTi Brush for peri-implantitis" in Europe. Now, NiTi Brush for peri-implantitis is an important material of "Hans-on course of dr. Mario Roccuzzo" from 2017.

Some doctors said to me "Prof. Frank Schwarz is lecturing on your NiTi Brush in the lecture hall, do you know it?" in europerio9-RAI, Amsterdam, Netherlands 2018. I never ever met Prof. Frank Schwarz, .but it's a fact.

10 years of long journey with sincere effort makes "NiTi Brush for peri-implantitis" a trustful solution of periimplantitis together with completed product range and reliable scientific evidence produced by the key opinion leader of implantology.

Korean old saying "10 years make mountain & river be changed".

You are seeing the game changer of peri-implantitis-the NiTi Brush for peri-implantitis, at this moment.

"NiTi Brush": new identification & paradigm of peri-implantitis treatment NiTi Brush, it's the history & evidence for future implantology.

> Presented only by HANS Korea June 2021 HANS Kim

Founder & owner of HANS Korea