

Aesthetic Restorative & Implant Dentistry, Faculty of Dentistry, Chulalongkorn University

2nd **MiCD** 19 August 2011
Symposium Bangkok Thailand



MiCD Symposium 2011 - a new dimension to cosmetic dentistry

The second regional MiCD symposium, which took place at Chulalongkorn University in Bangkok on 19 August 2011, featured a comprehensive scientific program that encapsulates the broader scope of MiCD and its relevance in clinical dentistry today. **DENTAL INC.** brings you highlights of the Symposium.

Following the success of the first regional MiCD symposium in 2010 in the Philippines, the second MiCD symposium, held in collaboration with the Chulalongkorn University, and sponsored by Shofu Inc. and Accord Corporation Limited, proved yet another success.

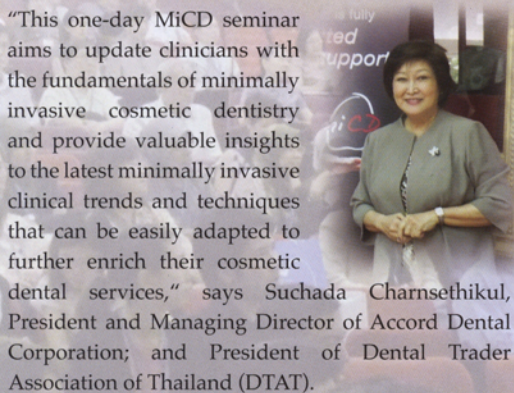
In the ever-changing and innovative dental scene, it is indeed encouraging to see a growing number of clinicians embracing the Minimally Invasive Cosmetic Dentistry (MiCD) Movement, and successfully integrating minimally invasive cosmetic dentistry in their everyday practice.



"The adoption of minimally invasive techniques and principles has added a new dimension to cosmetic dentistry as it promotes the conservation of sound tooth structure while achieving predictable smile aesthetics and a positive psychological impact on

the patient," says Associate Professor Wacharaporn Tasachan, Dean, Faculty of Dentistry, Chulalongkorn University.

"This one-day MiCD seminar aims to update clinicians with the fundamentals of minimally invasive cosmetic dentistry and provide valuable insights to the latest minimally invasive clinical trends and techniques that can be easily adapted to further enrich their cosmetic dental services," says Suchada Charnsethikul, President and Managing Director of Accord Dental Corporation; and President of Dental Trader Association of Thailand (DTAT).



"Shofu is proud to be one of the main sponsors, working closely with Chulalongkorn University and Accord Corporation Limited, to put together this second MiCD Symposium in Bangkok.

This Symposium proves to be a good platform to display the latest developments of new clinical techniques in MiCD procedures. We are fully committed to support the MiCD movement through the contribution in developing and providing dental professionals with newer aesthetic biocompatible materials to achieve their goal," says Singapore-based Patrick Loke, Shofu Inc.'s General Manager for Asia-Pacific Region.

The Symposium this year was chaired by Associate Professor Chalernpol Leevailoj, from the Department of Operative Dentistry, Faculty of Dentistry at Chulalongkorn University.



MiCD Symposium 2011 - Scientific Programme

Dr. Sushil Koirala, founding president of Vedic Institute of Smile Aesthetics (VISA); and founding president of Nepalese Academy of Cosmetic & Aesthetic Dentistry (NACAD) touched on the comprehensive concept of MiCD and its treatment protocol. In his presentation, Dr Sushil demonstrated some simple to complex clinical cases of smile enhancement which were treated satisfactorily adopting the MiCD-TP (MiCD-treatment protocol). Dr Sushil, who also maintains a private practice focusing primarily on minimally invasive cosmetic dentistry (MiCD)



and has more than 17 years of clinical experience in aesthetic dentistry, also explained why treatment modalities and protocol of any health-care service should be aimed at the conservation of the healthy tissues and establishment of its natural function and aesthetics.

Dr. Dinos Kountouras, lecturer in the Department of Restorative Dentistry at the Aristotle University of Thessaloniki in Greece; and founding and current President of the Hellenic Academy of Aesthetic Dentistry, presented on the topic titled "Minimally



Invasive Cosmetic Dentistry: Customized Rehabilitation of the Smile using Minimal and non Invasive Restorations". In his presentation, Dr Dinos shared with the delegates why modern restorative dental treatment should be characterized by the adoption of a minimally invasive methodology. He also explained in his presentation how current aesthetic restorative materials have optical and mechanical properties that closely mimic the respective properties of dental tissues and can be used to create minimal or non-invasive biomimetic restorations that best replace or augment missing tooth structure.



Associate Professor Adrian Yap, Consultant and Prosthodontist at Singapore's Raffles Hospital, and an Adjunct Associate Professor at the Faculty of Dentistry, National University of Singapore (NUS) and

School of Science and Technology, SIM University (UniSIM). In his two-part lecture, he focused on the occlusion and materials aspect of MiCD as well as the uses of Giomer in MiCD. Dr. Yap is known for his expertise in Temporomandibular Disorders, Occlusion and Restorative Dentistry and has lectured worldwide in these areas. Dr. Yap has received numerous clinical, research and teaching awards and serves on the editorial boards of several international journals.

Dr. José Roberto Santana de Moura Junior, President of the International Federation of Esthetic Dentistry (IFED) presented on the topic titled "Precision in Minimally Invasive Direct Composite Restorations: a Microscope Perspective". In his presentation, he touched on the many aspects that must be carefully considered in order to achieve superior esthetic results and longevity on an everyday basis. Dr Moura Jr., who maintains a private practice in Taubate, Brazil. He also discussed the use of the operative microscope during the whole restorative procedure that is ergonomically comfortable for the dentist, less time consuming than with no magnification and achieving the most satisfying, long lasting results for the patient.



Dr. Noboru Takahashi, clinical lecturer at the Tokyo Medical and Dental University and Vice-President of Design Technique International discussed the growing trend towards more conservative dental procedures in cosmetic dentistry. In his presentation titled "Challenges in achieving the Ultimate Restoration: A Minimally Invasive Approach", Dr. Noboru highlighted crucial elements for attaining



optimal functional and aesthetic outcome in direct aesthetic restoration while adopting a minimally invasive approach. He also addressed the “predictability” and “productivity” of the direct aesthetic restorations, achieved via accurate diagnosis, meticulous treatment planning and step by step clinical procedures. Delegates were also treated to the concepts of “3D Gradation Layering Method” and “Anatomic Navigation System” formulated by Dr Noboru with an insight to the latest direct aesthetic restorative resin systems and a special focus on the unique functional direct bioaesthetic restorative material – Giomer and its usage.

Dr. Ko Hinoura, visiting Lecturer, Nihon University School of Dentistry, Niigata University, Kyushu University and Indiana University School of Dentistry, explained in his presentation the notion of caries as an oral disease and the technique to

treat caries, including how the adhesive restoration and conservative cavity preparation design have changed since the introduction of the guidelines by G. V. Black. In his presentation titled “Downsizing caries treatment to prolong tooth life”, Dr Hinoura discussed the philosophy behind his “downsizing” treatment - reducing the oral bacteria to maintain oral hygiene - with an attempt to comprehend and put all the current knowledge together, such as prevention, remineralization, ion exchange and adhesion, with an aim to restore the carious tooth in the simplest and least invasive manner.

Dr. Suhit R. Adhikari, founding member and President of Nepalese Academy of Cosmetic and Aesthetic Dentistry (NACAD). In his presentation, ‘MiCD case documentation – the Digital Way’, Dr Suhit showed the delegates in detail how to document MiCD cases, the Digital Way. As case documentation



becomes an increasingly essential component of any treatment protocol for treatment planning, rendering the planned treatment and follow up, digital technology is being widely adopted in dentistry today and considered critical for case documentation, practice management and continual self-assessment. Through the use of many interesting slides, Dr Suhit also showed how digital case documentation saves time and space; and how individual patient data can also be efficiently archived, retrieved and viewed, even from different geographical locations.

The Symposium left delegates with many take-home messages. It helped reinforced the fundamentals of MiCD; and provided valuable insights to the latest minimally invasive clinical trends and techniques that can be easily adapted to further enrich their cosmetic dental services. 