Exclusive Interviews with:
John O'Connor
Senior Vice-President (Global Sales)
Hu-Friedy

Dr Bernard Iskandar
Trisakti University, Indonesia

COVERSTORY
IDEM Singapore 2010
- The shape of things to come
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A jolly good time to meet and talk...

The long-awaited IDEM is back after two years, and it seems to be getting bigger. This is DENTAL INC.'s second IDEM, and as part of our continual efforts on keeping the dental industry abreast of the latest practices and technologies, I am pleased to announce that DENTAL INC. will have an even bigger booth at this year’s IDEM (Booth B32), and all are invited. You will meet dental laboratories, both locally as well as from the region in our booth. What’s more... look out for the live demonstrations by dental technicians at our booth, and witness how dental masterpieces are created. Step into our booth to find out more!

Also in this issue, we bring you an exclusive interview with John O'Connor, Hu-Friedy’s Senior Vice-President (Global Sales) as shares his experiences in the Asia Pacific rim, and offers some tips to doing business in China. We also have in the same column, Dr Bernard Iskandar from the Trisakti University in Indonesia sharing with us on his perspective and future developments in the field of Endodontics in Indonesia.

On the clinical front, we have our advisor Prof Laurence Walsh taking us on another exciting topic in MI Dentistry; while Dr Corigliano Massimo explains the wonderful uses of CGF in regenerative medicine in dentistry.

Before I sign off this page, I would like to use this note to invite you to send us, not only your comments and feedback, but also contributions - be it clinical reports or technical articles. Nothing beats the joy of sharing your knowledge with your peers. DENTAL INC. is always proud to be that platform between you and your target audience.

See you at our booth during IDEM!

Cheers

DAVID PHUNG
Publisher / Editor-in-Chief
New directions in Endodontics

In an exclusive interview with DENTAL INC., Dr Bernard Iskandar from the Trisakti University in Indonesia sheds light on his perspective and future developments in the field of Endodontics in Indonesia.

DENTAL INC.: Could you start by telling us about yourself and your practice?

DR ISKANDAR: I graduated from Faculty of Dentistry, Trisakti University in 1985. Before graduation, I had an opportunity to attend courses in VITA VMK, Bad Sackingen, and CM Dental Golds and Attachment Technique, German. I am certified in implant course in 1988, from the Internationale Linkow Institute, Oral Implant in Bremen, Germany. I furthered my post graduate study program from New York University in “Aesthetic and Implant Dentistry” in 1993. And after training microscope on Micro-Endodontic, I introduced the use of microscope in my private practice since 2002. Upon completion of the master program in Operative Dentistry and Endodontics from Faculty of Dentistry at Gadjah mada University in 2008, I joined the Trisakti University in 1986, as lecturer at the Public Heath Department, Microbiology Department, and later the Conservative Department in 1989. I have given many dental lectures and conducted workshops since 1995. I am the Founder of “Building Solid Foundation Study Club”, and is also the president of IKORGI (Ikatan Konservasi Gigi Indonesia or Indonesian Society of Conservative Dentistry”, Trisakti Chapter 2008-2011. Professional organization: Indonesian Dental Association (PDGI), Ikatan Konservasi Gigi Indonesia / Indonesian Society of Conservative Dentistry (IKORGI), Asian Academy of Aesthetic Dentistry (AAAD), Asian Pacific Endodontic Confederation (APEC), Society Endodontic Singapore (SES), Malaysian Endodontic Society (MES), American Association of Endodontic (AAE), Fellow of International College of Continuing Dental Education (FICDDE). I maintain a private practice (Success Dental Clinic, Jakarta) limited to endodontics.

DENTAL INC.: How would you describe the growth of endodontics in Indonesia and, in your opinion, what has driven this growth?

DR ISKANDAR: Endodontic treatment has improved tremendously as compared to 10 years ago. Now more patients want their dentists to help them keep their teeth. This is due to the fact that they now have access to all the necessary information, either from the media or their peers. Patient are more aware of the importance of treating their teeth. This trend pushes the clinicians to increase their knowledge and skills in endodontics to meet the discerning demands of their patients.

DENTAL INC.: Has this growth created unforeseen problems and, if so, what are these challenges?

DR ISKANDAR: The problems come in different ‘shapes’ and ‘sizes’. The nature of the problem is also different. Take for instance, some clinicians perform insufficient and improper treatment, such as using the step-back technique, underfilling obturation, and lack of knowledge in infection
control procedures. As a result, many re-treatment cases are now arising. And the most unfortunate of all... more teeth are being extracted unnecessarily. The answer to these problems is, in my opinion, equipping clinicians with the information on how to do a proper endodontics treatment through lectures and workshops. This will help raise the standard of the clinicians, and this will in turn benefit the patients as well as the clinicians.

DENTAL INC.: Can you identify the greatest innovations that have recently occurred in the field of endodontics?

DR ISKANDAR: Since the greater taper file was introduce for the first time, endodontic treatment has moved to a golden era. This innovation enables clinicians to create more space to put antibacterial agent into the root canal and also obturate it in a 3-dimensional format. The working length measurement device is also very helpful - it helps in reducing the radiographic exposure, and in turn reduces the working time. The use of dental operating microscope also increases the success rate of endodontic treatment because it enhances lighting and magnification. MTA or mineral trioxide aggregate, is an excellent material that creates an extraordinary breakthrough for pulp capping, packing certain canals, and managing radicular repairs. This material can be used in canals that exhibit reverse apical architecture, such as immature roots or iatrogenic transportations. With this material of choice we can repair perforations - both nonsurgically and surgically - and is commonly utilized in retrograde preparations to seal canals. The MTA cementum can grow over this non-resorbable and radiopaque material. This enables us to do our evaluation from the radiographic results, hence allowing a normal periodontal attachment apparatus to grow. MTA can set within 4 to 6 hours, and is generally not compromised by slight moisture, creating a good seal.

DENTAL INC.: What are the various clinical applications where ultrasonic technology improves endodontic procedural success?

DR ISKANDAR: The various clinical applications where ultrasonic technology improves endodontic procedural success are: a partial list of ultrasonic endodontic procedures today that include removing restorative segments following sectioning procedures, eliminating pulp stones, seek for extra canals, chasing calcified canals, exposing previously missed canals, and activating intracanal irrigants. In the field of nonsurgical retreatment, ultrasonic applications include eliminating core materials from the pulp chamber, retrieving posts and broken instruments, and removing obturation materials like gutta-percha, silver points, carrier-based obturators, and resin pastes. Additionally, ultrasonics is used to vibrate MTA and serves to adapt this material so we can seal canals that are immature or blunderbuss, or have been zipped, transported, or perforated because of iatrogenic or pathologic events. Ultrasonic root-end preparation in conjunction with the microscope went on to revolutionize the field of surgical endodontics.

DENTAL INC.: Undoubtedly, one of the major innovation that has significantly improved clinical endodontics is NiTi rotary files. Can you describe when NiTi was introduced to you and how it has evolved and benefited you?

DR ISKANDAR: The greater taper file I was first introduced to was the Quantec file in 1998. And as for NiTi rotary, it would be Profile from Denstply in 1999. Since that time the I change my mindset of doing endodontic treatment - greater taper really performs better. It also saves me time and increases efficiency. I see myself finishing my cases in a single visit treatment. These NiTi file are more flexible. I no longer had to deal with the fear of file breakage as compared to the 5st file. I’m now using various system in my practice, and I can combine them to get my best result.

DENTAL INC.: Can you describe the advantages of using NiTi rotary files?

DR ISKANDAR: NiTi alloy are very flexible, so that is already an advantage! NiTi rotary shaping files have nearly eliminated the iatrogenic events such as blockage, ledges, and apical transportation. Other important advantages of shaping canals with NiTi files are improved efficiency, the opportunity to do more “one visit” endodontic procedures, hence
increase my profit as a practice. Others advantages of using NiTi files are fewer postoperative pain and the ability to open canals more easily, faster and with less effort. It also creates more consistent and uniformed canal shapes.

DENTAL INC.: With all the advantages of using NiTi rotary instruments, why are many clinicians reticent to embrace this important technology?

DR ISKANDAR: I think the main reason for not using the NiTi rotary instruments is the fear of instrument breakage. Another concern is a clinician’s ‘fear’ that dentistry is advancing so rapidly. Clinicians have to keep up to date with all these new information and techniques. To them, this is investment - both monetary as well as time. And if we wait too long, the gap becomes wider and harder to catch up. People are very hard to change. If we willing to change, it would be better to have them move in small steps. This step-by-step approach to learning helps each clinician to gradually move towards their potential, and will ultimately serve as the blueprint to building greater practice success.

Cost is another issue, a monetary investment associated with purchasing a new torque control electric motor, instruments, and the costs associated with training. However, they must understand that these costs will ultimately be offset if we compare with it with the numerous advantages. The reduction in chair time visit is a good example!

DENTAL INC.: What about all the new NiTi file lines that have recently come to market? Could you explain why there is a need for more rotary instruments?

DR ISKANDAR: As far as I know there are more than 10 NiTi files in the market. They all come with different designs and geometries. And as a clinician we look for NiTi files with better flexibility, and have better cutting efficiency, safe and easy to use. Something simple, not fanciful.

Take for instance, the TF by SybronEndo are good and very aggressive. I have worked on some cases with the TF files and the result, I must say, is excellent! With TF, I can speed up my working time on each patient. But of course each system have their own characteristics and it takes time obtain mastery of the system. I like this system because it reduces the number of files used. It is faster and very aggressive!

DENTAL INC.: Could you please predict some of the future developments we will see in clinical endodontics?

DR ISKANDAR: The answer to this question would be: better understanding in diagnosis and treatment planning from the clinician because of the fundamental knowledge. Instrument to refinig the access opening like using the ultrasonic with vari tips, and bur. The using of dental operating microscope. Irrigating device are safer and more efficient. Other developments I hope to see would be a new material that sets faster than Mineral Trioxide Aggregate (MTA). If there were such a material, we no longer need to wait 4 to 6 hours, before we can continue with the next step. I also hope to see better metal and design that will optimise performance in cleaning and shaping.
SybronEndo Study Club - paving the way to endodontic success

Jointly organised by SybronEndo and Cahaya 3 Bintang Abadi, the three-day SybronEndo Study Club, which took place from 29 to 31 January 2010 in Jakarta, Indonesia, proved yet another success after its debut in Kuala Lumpur, Malaysia a few months ago. Themed "How to maximize your clinical success", the informative lectures addressed a span of very practical endodontic issues. **DENTAL INC.** brings you exclusive highlights of the course.
pecially designed by experienced lecturers and practitioners in the field of endodontics – Dr Bernard Iskandar, from Indonesia; and Dr Jeeraphat Jantarat and Dr Kallaya Yanpiset from Thailand, the course was indeed carefully planned by the practitioners for the practitioners to learn more biological bases and better hone their technical skills.

According to Anita Siregar, Director of Cahaya 3 Bintang Abadi, it took them about 3 months to put this three-day lecture and hands-on session together.

"It is not only SybronEndo’s objective, it is also our aim as their distributor, to raise the standards of our local doctors with new science, technology and procedures in Endodontic treatment," says Anita.

"In term of market size, Indonesian market is huge in potential. The number of dentists practising in Indonesia is still relatively low. Hence, there is a pressing need for continuing education, especially in the field of Endodontics. With that said, the SybronEndo Study Club in Indonesia fills this need. It brings local and foreign doctors together, so they can share their knowledges, skills and experiences. This 3-day course also allows doctors to meet their counterparts in person. It is expected that this will facilitate communication among them in the future. In dentistry, sharing is the key to advancement. Every doctor has his/her own local experiences, which could be very useful to others," explains Anita.

"I am deeply grateful to Dr Kevin Hor from Malaysia and Dr. Pribadi Santoso from Gajah Mada University for their help during the 3-day course. More than 40 doctors attended the event. And they were all satisfied with the course. We believe that Sybron Endo Study Group has fulfilled the doctors’ eagerness in learning, and enriched Indonesian dentistry with novel endodontic procedures and product knowledge with its hands-on session. In addition, the established communication among practitioners paved the way for future advancement in Indonesian dentistry,” says Anita.

"Indonesia is a unique and diversified country. It comprises of people from all walks of life. SybronEndo in Indonesia is specially tailored to suit the Indonesian endo market."
Indonesia falls within the S.E.A. market and it has shown potential growth in terms of the interest to learn and better equip themselves in every way possible,” says Ow Yang Wandee, SybronEndo’s Regional Manager (South East Asia).

“We have, for the past 3 years, invested strongly and that has shown potential growth for SybronEndo’s products in Indonesia. The university has embarked on the rotary files in a big way. We are now embarking on the Study Club to grow the market; and we have introduced the “Train the Trainer Program” to find doctors who are willing to spend time and effort to be trained and in return, train the market. This positive method is an ever-growing education program that will one day explode to a full grown Endo market as we can see it through the eyes of an endodontic practitioner,” says Ow Yang.

“Currently, we have a few local opinion leaders who are working closely with us to train the other fellow colleagues in working and learning the new methods of Endo. We are very positive in our endeavor and we are looking forward to the new change and challenge ahead,” adds Ow Yang.

“I think this Study Club organised by SybronEndo is good. It provides an excellent platform for clinicians to share information and discuss treatment procedures and results. It also enables the participants to learn from other experienced clinicians and lecturers,” says Dr Bernard Iskandar.

“In a lecture or hands-on session, the speakers are very important. This is because they need to deliver the information and pass on the techniques to the participants. They must have a clear understanding of what the participants need, and deliver the required information in a simple way. I must say that the two distinguished speakers from Thailand did a very good job, as all have benefited greatly from their lectures,” notes Dr Iskandar.
The SybronEndo study club is an event that is very useful for endodontists and all dentists that are interested in endodontics. I hope this event can be held regularly. The doctors’ lectures are very interesting. After this course, I gained a deeper knowledge of SybronEndo’s products, and all the supporting instruments including topics starting from indication, preparation, canal techniques, irrigation, medication, obturation, and also dealing with complications during the procedures. I also obtained much advice from senior dentists about the advantages of using SybronEndo’s products. More importantly, I tried the products myself and I’m very satisfied with them.

-Drg Dony

I feel that I have benefited a lot from the 3-day lectures and hands-on sessions. The lectures were easy to understand and the doctors are very knowledgeable in their respective disciplines. It is indeed a great learning experience for me.

-Drg Dian Maifara

The event is very good. I learnt a great deal and made some good contacts during the 3-day course. Nothing beats learning from my peers - listening to their success as well as failed cases. I like the three speakers. They are very interesting. The tips and tricks to endodontic treatment, which they have taught us, are very useful. Endodontic treatment with the use of SybronEndo’s product is easy and hassle-free. I can now look into saving more teeth. I’d like to thank SybronEndo for this 3-day course.

-Drg. Rishellini

I would say the Study Club is good. All three speakers were excellent. They provided us with up-to-date endodontic techniques and introduced us to some very useful endodontic instruments. The lectures were very useful and interesting. I find it easier and faster when doing canal treatment with the use of SybronEndo’s products.

-Drg. Sri Mayangsari

After attending this course, I gained a better understanding of SybronEndo’s products. This 3-day course enables us to share information and discuss our experiences and problems with our peers as well as the speakers.

-Drg. Sukarman

The 3-day course is very nice. It really opens my mind. I learnt so many new things from the 3 speakers. I also like products and I’m ready to use SybronEndo products now.

-Drg. Edward
Presentation of Certificates