The Fourth International Dental Collaboration
Of The Mekong River Region

(IDCMR 2007)

SUMMARY REPORT

Fourth IDCMR Congress and
International Dental School Cooperation Meeting

18 to 21 November 2007

Faculty of Dentistry
Mahidol University
Bangkok
Thailand
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I. **IDCMR Background**

In order to develop the oral health resource capacity among the Mekong River Region countries, the International Dental Collaboration of the Mekong River Region, or IDCMR, was created. Dental education institutes in Cambodia, PR China, Laos PDR, Myanmar, Thailand and Vietnam joined as members.

IDCMR was established at the First Congress, 7 to 8 June 2007 in Bangkok under the theme “Practical Points in Dentistry: The Alternatives.” Subsequently, the IDCMR Secretariat Office at the Faculty of Dentistry, Mahidol University was assigned by IDCMR Executive Members.

The Second International Congress was held 4 to 5 April in Ho Chi Minh City under the theme, “Partnership for Innovative Practice in Dentistry” with 2006 and the third, “Everyone Will Enjoy Oral Health Care in Future” from 17 to 21 October in Kunming, China with a continually increasing number of participants.

In addition to the annual congress, a meeting to promote research collaboration was held 27 to 29 April in Chonburi, Thailand. The meeting was attended by 20 participants from Cambodia, Lao PDR, Hanoi, Ho Chi Minh and Thailand.

II. **IDCMR Executive Members**

- Prof. Ding Zhongjuan, Dean, School of Stomatology Kunming University of Medical Sciences, People’s Republic of China
- Prof. Tran Van Truong, Dean, National University of Odonto-Stomatology, Hanoi, Vietnam
- Prof. Hoang Tu Hung, Dean, Faculty of Odonto-Stomatology, University of Medical Sciences, Ho Chi Minh City, Vietnam
- Professor Pham Hung Luc, Rector, School of Medicine, Dentistry and Pharmacy, Can Tho University, Can Tho City, Vietnam
- Dr. Aloungnadeth Sitthiphanh, Vice President, University of Health Sciences, Lao PDR
- Prof. Suon Phany, Dean, Faculty of Odonto-Stomatology University of Health Sciences, Phnom Penh, Kingdom of Cambodia.
- Assoc. Prof. Dr. Theeralaksna Suddhasthira, Dean, Faculty of Dentistry, Mahidol University, Bangkok, Thailand.

III. **Vision and Goals**

The IDCMR vision embraces a network of dental health institutions working cooperatively to improve the oral health status with private, government and non-government institutions.

The stated IDCMR goals are: 1) resource development, both human and material, 2) data exchange and informational meetings, 3) curriculum development, 4) faculty and student exchange and 5) collaborative research.
IV The Fourth IDCMR Congress Report

This report details the events of the Fourth IDCMR Congress, 18 to 21 November 2007 at the Amari Watergate Hotel, Bangkok, Thailand

a. Precongress Program – 18 November

The Precongress Program began with registration 8:30 am 18 November. The three morning lectures were “How to Control Inflammation in Periodontitis” and “Periodontally Accelerated Osteogenic Orthodontics” by Professor Thomas E Van Dyke and “Tendencies in Implant Treatment: Which Protocols Promise Long Term Success?” by Dr. Jan Kielhorn. In the afternoon, Dr. Jan Kielhorn conducted his workshop, “Bone and Soft Tissue Management: Piezosurgery and Microsurgery at Its Best.”

A total of 134 participants attended the session.

b. IDCMR Executive Meeting

The IDCMR Executive Meeting commenced at noon with Deans and their Representatives from the Faculty of Odonto-Stomatology, University of Health Sciences, Cambodia, Professor Suon Phany and Professor Tuy Thel, the Faculty of Stomatology, Kunming Medical Science, China, Professor Xu Viao and Dr. He Hongbing, the Dean of the School of Medicine, Dentistry and Pharmacy, Can Tho University, Vietnam, Dr. Le Thi Loi, the Faculty of Odonto-Stomatology, University of Medical Sciences, Ho Chi Minh City, Vietnam, Dr. Ngo Thi Quynh Lan and Dr. Huynh Anh Lan, the National University of Odonto-Stomatology, Hanoi, Vietnam, Professor Tran Van Truong and the University of Health Sciences, Lao PDR., Dr. Aloungnadeth Sittiphanh, The Faculty of Dentistry, University of Indonesia, Dr. Angky Sokanto and the Faculty of Dentistry, Mahidol University, Thailand, Dr. M.L. Theerathavaj Srithavaj. A total of 26 representatives attended.

Assoc. Prof. Dr Theeralaksna Suddhashithra, Dean of the Faculty of Dentistry, Mahidol University, was appointed chair of the Executive Meeting and members discussed the agenda items covering: Annual Progress Reports by each member institution, and Future Projects. The main discussion points included determining that the the National University of Odonto-Stomatology, Hanoi, Vietnam, will serve as the IDCMR Secretariat Office to host IDCMR 2008.

IDCMR future plans include collaboration in:

- short courses for undergraduate and post graduate student exchange
- post graduate studies
- joint research
- setting up priority areas of collaboration for 2008
- submitting joint projects to international agencies for funding

The Chair concluded the meeting at 4:40 pm.
c. Opening Ceremony

The Congress consisted of the Opening Ceremony, Events on the 19 through 21 November and Postcongress Program on 22 November

The first day of the international congress witnessed the Opening Ceremony started with a speech by HRH Princess Maha Chakri Sirindhorn and the addresses of the President of Mahidol University, Professor Dr Pornchai Matangkasombut.

Assoc Prof Dr Theeralaksna Sudhasthira, Dean of the Faculty of Dentistry, Mahidol University announced the names of those members, distinguished guest speakers and sponsors selected to receive special plaques in recognition of their contributions to IDCMR 2007.

This was followed by a group photo and multimedia presentation on His Majesty King Rama the Ninth.

The Cocktail Social followed and ended at 9:30 pm. A total of 389 participants from over 17 countries attended.

d. Congress Program

i. Congress Program 19 November Events

November 19, the second day of the IDCMR Congress, showcased several plenary sessions. The Opening Session was “Knowledge Management for Oral Health Promotion” by Professor Vicharn Panich from the Knowledge Management Institute in Thailand.

At 10 am the Trade Exhibition featuring over 30 invited dental health care promoters was officially opened along with poster presentation viewing.

A total of 38 poster presentations were set up adjacent to the main hall.

Plenary Lecture Two featured IDCMR Collaborative Research.

Members of the IDCMR Research Collaboration Team presented their progress on three current collaborative research projects:

1.) Dental Clinic Microbial Infection by Cambodia - Dr Vorn Vutha, Lao PDR - Associate Professor Sengphouvanh Ngonephady, Thailand - Associate Professor Sroisiri Thaweboon, Ho Chi Minh, Vietnam - Professor Ngo Thi Quynh Lan, Dr Tran Thi Nguyen Ny and Hanoi, Vietnam - Dr Truong Manh Dung

2.) Second Hand Smoke Patterns by Cambodia - Dr Vorn Vutha, Thailand - Dr Salunya Tancharoen and Ho Chi Minh, Vietnam - Dr Do Thu Hang and Dr Huynh Anh Lan.
3.) Fluoride Analysis of Drinking Water by Cambodia - Dr Hong Someth, Lao PDR - Dr Hue Vang, Thailand - Associate Prof Siriruk Nakornchhai, Ho Chi Minh, Vietnam - Dr Hoang Trong Hung and Hanoi, Vietnam - Dr Truong Manh Dung

Chaired by Assoc Prof Surachai Dechkunakorn, Associate Dean for Research, Faculty of Dentistry, Mahidol University, the group of 23 representatives discussed future projects and the strengths and weaknesses of conducting collaborative research.

The discussion was concluded at 11:15.

Plenary Lecture One was conducted by Professor Hideo Ogura, Chairman of the Department of Dental Materials Science, School of Life Dentistry at Niigata, Nippon Dental University. The lecture, entitled, “Advances in Composite Resins,” was delivered 11.15 to noon.

Plenary Lecture Two was conducted by Dr Philippe Guettier, an R & D Consultant for Maillefer Instruments on “Nonsurgical Endodontic Retreatment” from 13:30 to 15:00 pm.

Plenary Lecture Three was conducted by Dr Jan Kielhorn Germany on “Special Lecture in Implantology” from 15:30 to 16:30 pm.

The remainder of the afternoon was devoted to oral presentations. From 18:00 to 21:00 pm, the Welcome Reception was held featuring student performances from the many assembled dental institutions.

ii. Congress Program – 20 November International Schools Deans Meeting

The morning commenced with Plenary Lecture 4 by Dr Frank Klaus, Austria.

It was followed by Plenary Lecture Five, “Interdisciplinary Approaches for Esthetic Restorations” by the team of Assistant Professor Ananya Promsudthi, Dr Chotiros Kuphasak, Assistant Professor Porntip Veerayangkul and Assistant Professor Watcharaporn Kuphasak, of Mahidol University Faculty of Dentistry.

In the afternoon, oral presentations were given continuously.

At 15:00, 15 International Dental Institutions met for the “International Dental School Cooperation Night.” Members presenting their dental educational institutes included:

<table>
<thead>
<tr>
<th>Name</th>
<th>Institute</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr. Callum Durward</td>
<td>International University of Cambodia</td>
</tr>
<tr>
<td>Professor Suon Phany</td>
<td>University of Health Sciences, Cambodia</td>
</tr>
<tr>
<td>Professor Xu Biao</td>
<td>Kunming Medical College, PR China</td>
</tr>
<tr>
<td>Professor Lone Schou</td>
<td>University of Copenhagen, Denmark</td>
</tr>
<tr>
<td>Professor L.P. Samaranayake</td>
<td>University of Hong Kong, Hong Kong</td>
</tr>
<tr>
<td>Dr. Angky Soekanto</td>
<td>University of Indonesia, Indonesia</td>
</tr>
<tr>
<td>Professor Takeyasu Maeda</td>
<td>Niigata University, Japan</td>
</tr>
<tr>
<td>Professor Hideo Ogura</td>
<td>Nippon Dental University, Japan</td>
</tr>
<tr>
<td>Professor Yuzuru Kaneko</td>
<td>Tokyo Dental College, Japan</td>
</tr>
</tbody>
</table>
The meeting adjourned at 17:15 and was followed by a dinner cruise.

iii. Congress Program – 21 November

Plenary Lecture Six on “Advances in Endodontics” was given from 8:30 to 9:30 by Professor Gianluca Gambarini followed by Plenary Lecture Seven, “Current Tooth-bonding Strategies and Their Effectiveness” by Professor Bart Van Merbeck.

At noon, the Awards Ceremony was held presenting cash awards for oral and poster presentations by participating students and dental health professionals.

The IDCMR Research Award Program objective is to encourage and give recognition for outstanding research. Applicants must submit their research abstracts separately to be considered for recognition.

Applicants submit research in any field related to oral health, basic science, oral biology and dental biomaterials, including clinical and restorative treatment.

Poster Presentations for Undergraduates were awarded under the IDCMR Clinical Professor Jurai Nakapaksin Apprentice Researcher Awards – given in recognition of dental students for most innovative research poster presentation with a First Prize of 10,00 baht, Second Prize of 8000 baht and Third Prize of 5000 baht.

The best Oral Presentations for Undergraduates was awarded the Dean’s Award, given in recognition of the most innovative research oral presentation, a top prize of 10,000 baht.

Oral Presentations by Postgraduate students, oral health practitioners and dental researchers were awarded under the IDCMR Emeritus Professor Somsak Chuckpaiwong Best Research Award, given in recognition for most innovative research oral presentation with a First Prize of 20,000 baht, Second Prize of 15,000 baht and Third Prize of 10,000 baht.

That afternoon the participants were given a Bangkok City Tour to the Grand Palace and The Emerald Buddha Temple.

e. Postcongress Program – 22 November

Professor Gianluca Gambarini presented his lecture, “A Rationale Approach to NiTi Rotory Instrumentation” from 9:00 AM – 12.00 PM. In the afternoon, he conducted a workshop on “Canal Preparation Using NiTi Rotory Instrumentation, assisted by Assistant
Professor Jeeraphat Jantarat, Dr. Kallaya Yanpiset and Associate Professor Supachai Sutimuntanakul of the Faculty of Dentistry, Mahidol University.

V. SUMMARY

In summary, The Fourth IDCMR Congress 2007 and International Dental School Cooperation Meeting was successfully implemented. Over 362 participants from over 17 countries actively participated in the events.

The next IDCMR Congress has been scheduled 17 to 19 October, 2008 to be hosted by The National University of Odonto-Stomatology, Hanoi, Vietnam.
ANNEX

Congress Program

November 18, 2007
8.30 – 14.00 Registration
12.00 – 16.30 IDCMR Executive Meeting
13.00 – 16.30 IDCMR Research Collaboration Meeting
18.00 – 19.00 Opening Ceremony:
H.R.H. Princess Maha Chakri Sirindhorn
19.00 – 21.00 Cocktail Social (Invited Guests)

November 19, 2007
8.00 – 16.30 Registration
9.00 – 10.00 **Plenary Lecture 1:** Knowledge Management for Oral Health Promotion
Professor Vicharn Panich, Thailand
10.00 – 10.30 Opening of Trade Exhibition/Coffee Break/Poster Viewing
10.30 – 11.15 **Plenary Lecture 2:** IDCMR Collaborative Research and Academic Projects
IDCMR Representatives
11.15 – 12.00 **Plenary Lecture 3:** Advances in Composite Resins
Professor Hideo Ogura, Japan
12.00 – 13.00 Lunch
13.00 – 13.30 Poster Presentation
13.30 – 15.00 **Plenary Lecture 4:** Current Concepts in Endodontics Technique and Retreatment
Dr. Philippe Guettier, France
15.00 – 15.30 Coffee Break/Poster Viewing
15.30 – 16.30 **Plenary Lecture 5:** Special Lecture in Periodontics
Professor Thomas E. Van Dyke, U.S.A.
16.30 – 17.30 Oral Presentation
18.00 – 21.00 Welcome Reception

November 20, 2007
8.00 – 16.30 Registration
8.30 – 09.30 **Plenary Lecture 6:** Special Lecture in Implantology
Dr. Jan Kielhorn, Germany
9.30 – 10.00 Coffee Break/Poster Viewing
10.00 – 12.00 **Plenary Lecture 7:** Interdisciplinary Approaches for Esthetic Restorations
Assistant Professor Ananya Promsudthi, Thailand
Dr. Chotiros Kuphasuk, Thailand
Assistant Professor Porntip Veerayangkul, Thailand
Assistant Professor Watcharaporn Kuphasuk, Thailand
12.00 – 13.00 Lunch
13.00 – 13.30 Poster Presentation
13.30 – 15.00 **Plenary Lecture 8:** To be announced
15.00 – 15.30 Coffee Break/Poster Viewing
15.30 – 16.30 Oral Presentation
18.00 – 21.00 International Dental School Cooperation Night (Invited Guests)
November 21, 2007
8.00 – 10.30 Registration
8.30 – 10.00 **Plenary Lecture 9:** Current Tooth-bonding Strategies and Their Clinical Effectiveness
Professor Bart Van Meerbeek, Belgium
10.00 – 10.15 Coffee Break
10.15 – 11.15 **Plenary Lecture 10:** Advances in Endodontics
Professor Gianluca Gambarini, Italy
11.15 – 12.15 **Plenary Lecture 11:** Special Lecture in Prosthodontics
12.15 – 13.15 Lunch
13.30 – 16.30 Bangkok Tour

Precongress Program

November 18, 2007
8.30 – 14.00 Registration

**Implant Course**
9.00 – 12.00 **Lecture:** Tendencies in Implant Treatment: Which Protocols Promise Long Term Success?
Dr. Jan Kielhorn, Germany
12.00 – 13.00 Lunch
13.00 – 16.00 **Workshop:** Bone and Soft Tissue Management: Piezosurgery and Microsurgery at Its Best
Dr. Jan Kielhorn, Germany

**Periodontics Course**
9.00 – 12.00 **Lecture:** How to Control Inflammation in Periodontitis
Periodontally Accelerated Osteogenic Orthodontics (PAOO)
Professor Thomas E. Van Dyke, U.S.A.
12.00 – 13.00 Lunch

Postcongress Program

November 22, 2007
8.30 – 12.00 Registration
9.00 – 12.00 **Lecture:** A Rationale Approach to NiTi Rotary Instrumentation
Professor Gianluca Gambarini, Italy
12.00 – 13.00 Lunch
13.00 – 16.00 **Workshop:** Canal Preparation Using Rotary NiTi
Professor Gianluca Gambarini, Italy
Assistant Professor Jeeraphat Jantarat, Thailand
Dr. Kallaya Yanpiset, Thailand
Associate Professor Supachai Sutimuntanakul, Thailand

*Note

Participants who attend workshops will receive a set of rotary instrument and an Endodontics Manual Textbook.
IDCMR Executive Meeting

Sunday, November 18, 2007
12 to 4:30 pm
Amari Watergate Hotel
Bangkok, Thailand

Agenda

1. Official IDCMR By-laws

2. IDCMR Joint Programs
   2.0 Continuing Education
   3.0 Postgraduate Courses

3. Activities
   • Regional Training
   • Exchange Visits

4. Others
IDCMR Executive Meeting Minutes

Amari Watergate Hotel 12 to 4:40 pm

Members Present
Deans and their Representatives (a total of 26 representatives attended):

Faculty of Odonto-Stomatology, University of Health Sciences, Cambodia
Professor Suon Phany, Professor Tuy Thel

Faculty of Stomatology, Kunming Medical Science, China
Professor Xu Biao, Dr. He Hongbing

School of Medicine, Dentistry and Pharmacy, Can Tho University, Vietnam
Dean Dr. Le Thi Loi

Faculty of Odonto-Stomatology, University of Medical Sciences, Ho Chi Minh City, Vietnam
Dr. Huynh Anh Lan, Dr. Ngo Thi Quynh Lan

National University of Odonto-Stomatology, Hanoi, Vietnam
Professor Tran Van Truong

University of Health Sciences
Dr. Aloungnadeth Sittiphanh

Faculty of Dentistry, University of Indonesia
Dr. Angky Sokanto

Faculty of Dentistry, Mahidol University, Thailand
Dr. M.L. Theerathavaj Sritthavaj

Assoc. Prof. Dr Theeralaksna Suddhasthira,
Dean of the Faculty of Dentistry, Mahidol University, was appointed chair of the Executive Meeting

Members discussed the agenda items covering: Annual Progress Reports by each member institution, and Future Projects. The main discussion points included determining that the Faculty of Odonto-Stomatology, University of Medical Sciences, Hanoi, Vietnam, will serve as the IDCMR Secretariat Office to host IDCMR 2008.

IDCMR future plans include collaboration in:
- short courses for undergraduate and post graduate student exchange
- post graduate studies
- joint research
- setting up priority areas of collaboration for 2008
- submitting joint projects to international agencies for funding

The Chair concluded the meeting at 4:40 pm.
IDCMR 2007 International Dental Schools Cooperation Meeting Minutes

Amari Watergate Hotel  3:00 to 5:17 pm

Members Present
Dr. Callum Durward  International University of Cambodia
Professor Suon Phany  University of Health Sciences, Cambodia
Professor Xu Biao  Kunming Medical College, PR China
Professor Lone Schone  University of Copenhagen, Denmark
Professor L.P. Samaranayake  University of Hong Kong
Dr. Angky Soekanto  University of Indonesia, Indonesia
Professor Takeyasu Maeda  Niigata University, Japan
Professor Hideo Ogura  Nippon Dental University, Japan
Professor Yuzuru Kaneko  Tokyo Dental College, Japan
Dr. Alongnadeth Sithiphanh  University of health Sciences, Lao PDR
Dr. Le Thi Loi  Can Tho University, Vietnam
Dr. Huynh Anh Lan  University of Medical Sciences, Ho Chi Minh, Vietnam
Professor Tran Van Truong  University of Odontostomatology, Hanoi, Vietnam

Assoc Prof Dr Theeralaksna Suddhasthira, Dean of the Faculty of Dentistry, Mahidol University, opened the IDCMR 2007 International Dental Schools Cooperation Meeting at 3 pm

Members began the discussion by presenting their Annual Progress Reports and Institutional Backgrounds, including a discussion of Future Projects. The main points included:

- undergraduate and post graduate student exchange
- faculty exchange
- joint research and information sharing
- joint student activities

At 15:00, 15 International Dental Institutions met for the “International Dental School Cooperation Night.” Members presenting their dental educational institutes included:

The meeting adjourned at 5:15 pm and was followed by a dinner cruise.
Opening Address for the 4th International Dental Collaboration of the Mekong River Region
by
Her Royal Highness Princess Maha Chakri Sirindhon
Sunday 18th November 2007
Amari Watergate, Bangkok, Thailand

It is a great pleasure for me to be here at the opening ceremony of the 4th International Dental Collaboration of the Mekong River Region or IDCMR scientific congress. My pleasure is further added greatly as this congress is organized in the year celebrating His Majesty’s eightieth birthday. Throughout these long years, His Majesty is the King of hearts because His Majesty has devoted multifariously not only to Thai people but also extended to our neighbors. With love and compassio

To conquer any obstacles in oral health science, dental professionals with knowledge, technical expertise, moral behavior and responsibility is extremely needed. It is a full responsibility of every dental institution in producing such qualified personnel to pursue that goal. Educational administration therefore has to be improved and modernized constantly to fit for any challenges of oral diseases and for globalization millennium. Teaming up among dental colleges for educational sharing, exchanging, researching and cooperating is a necessary and appropriate manner. I wish to congratulate the host organizations of IDCMR networking on their successful collaboration aiming to improve and promote dental education for fulfillment of good oral health in our communities.

I would like to thank Mahidol University, the Faculty of Dentistry for hosting this scientific meeting. And my gratitude also goes to the governmental, non-governmental, and private agencies for their multifarious supports as well as to distinguished guests participating in this meeting. Without your meaningful contributions, this meeting does not come into fruition. I truly believe that the Congress will make a valuable contribution to dental education and development in the region and beyond.
I am now delighted to declare this international congress open and wish the congress a great success. And wish you all pleasant and fruitful during this few days in Thailand.
President’s Report at the Fourth International Dental Collaboration of the Mekong River Region

By

Professor Dr. Pornchai Matangkasombut

President of Mahidol University

Sunday 18th November 2007

Amari Watergate, Bangkok, Thailand

The Fourth IDCMR academic meeting has been organized here in Bangkok by the Faculty of Dentistry, Mahidol University to celebrate His Majesty the King’s eightieth birthday anniversary this coming December 5. As everyone knows, His Majesty the King of Thailand has dedicated his life to ensure that his people enjoy a higher quality of life including living standard and health. With sophisticated vision, His Majesty has inspired both medical, dental and public health personnel to realize the prominence of oral health on overall health. To response to His Majesty’s recommendation, the Faculty of Dentistry, Mahidol University has kept improving our efficacy in teaching, researching and servicing by producing dental professionals with technical expertise, knowledge, ethical behavior and responsibility as well as dental services inside and outside the institution.

Moreover, for nearly a decade, Your Royal Highness has continually, generously and actively supported the Princess Mobile Dental Services to provide dental services to the underprivileged police border patrol schools and people in the remote areas throughout...
Thailand. The Her Royal Highness Princess Mobile Dental Services deliver dental care, dental preventive programs as well as research projects to further develop a better oral health care in a systematic process.

The quality caring and curing of oral health in people should not be restricted just only in our community but this inspiration needs to be extended to our neighboring countries along the Mekong River Region. This is corresponding to the philosophy of Mahidol University of that we have a solemn duty to improve the oral health of Thai people, our motto, “Mahidol Dental for the People.” Therefore, the International Dental Collaboration of Mekong River Region or IDCMR network was firstly established in Bangkok on June 7, 2004. The network has teamed up from eight dental institutions along the Mekong River Region as follows: Faculty of Odonto-stomatology, University of Health Sciences, Cambodia, Faculty of Stomatology, Kunming Medical College, China, Faculty of Dentistry, University of Indonesia, Indonesia, Faculty of Health Sciences, Laos People's Democratic Republic, School of Medicine, Dentistry and Pharmacy, Can Tho, Vietnam, University of Odonto-stomatology, Hanoi, Vietnam, Faculty of Odonto-stomatology, University of Medical Sciences, Ho Chi Minh City, Vietnam and Faculty of Dentistry, Mahidol University, Thailand.

The IDCMR network aims to seek intimate cooperation among peers to improve dental health education. This international collaboration is hoped to bring up self-sustained development to respond effectively to the oral health challenges of the Mekong River Region that need great shoring up.

The second IDCMR meeting was hosted in Ho Chi Minh City, Vietnam and the third, last year, in Kunming, China. In this auspicious year, the IDCMR scientific meeting has returned to be hold once again at Amari Watergate Hotel, Bangkok, during November 18 thru 22 for celebrating His Majesty the King’s eightieth birthday. Four hundred and twenty honor participants from seventeen countries around the world have joined in this meeting. These outstanding speakers and guests are from Afghanistan, Belgium, Cambodia, China, France, Germany, India, Indonesia, Italy, Japan, Laos, Nepal, Nigeria, The Philippines, The United States of America, Vietnam and Thailand.
As the commitments pronounced in the first inauguration of IDCMR network, the Fourth IDCMR Congress comprises of many activities leading to advancement of dental education and personnel. These activities include the executive dean meeting, international dean meeting, collaborative research meeting, plenary lectures, as well as oral and poster scientific exhibitions.

This academic meeting will motivate more such agreements to work together and find new ways to harness the talents of our assembled health professionals as well as to enhance the competencies of our oral health education, management and promotions.
Presenting honorable sponsors for gratitude plaques
by
Associate Professor Dr. Theeralaksna Suddhasthira
Dean, Faculty of Dentistry, Mahidol University

Sunday 18th November 2007
Amari Watergate Hotel
Bangkok, Thailand

May It Please Your Royal Highness

As previously reported by the President of Mahidol University, the 4th International Dental Collaboration of the Mekong River Region or IDCMR scientific congress 2007 cannot come into fruition without the generous contributions from our honored quests, companies as well as both governmental and non-governmental organizations.

Thus, on behalf of the Faculty of Dentistry, Mahidol University, we would like to invite Your Royal Highness to present each of them with a plaque in gratitude for their great contribution and precious participation.

The name lists of our honorable supporters, sponsors and guest lecturers are as follows:

- Professor Vicharn Panich
  Chairman of University Council, Mahidol University

- Professor Pornchai Matangkasombut
  President Mahidol University

- Professor Gianluca Gambarini
  University of Rome
  La Sapienza Dental School, Italy

- Dr. Philippe Guettier
  R&D Consultant for Maillerfer Instruments SA, France

- Dr. Jan Kielhorn
  Implant Competence Center
  Oehringen, Germany
- Professor Hideo Ogura  School of Life Dentistry  
  Nippon Dental University  
  Niigata, Japan

- Professor Thomas E. Van Dyke  Boston University  
  Goldman School of Dental Medicine  
  U.S.A.

- Professor Bart Van Meerbeek  Catholic University of Leuven  
  Leuven, Belgium

- Associate Professor Supachai Sutimuntanakul  
  Faculty of Dentistry,  
  Mahidol University

- Assistant Professor Watcharaporn Kuphasuk  
  Faculty of Dentistry,  
  Mahidol University

- Assistant Professor Ananya Promsudthi  
  Faculty of Dentistry,  
  Mahidol University

- Assistant Professor Jeeraphat Jantarat  
  Faculty of Dentistry,  
  Mahidol University

- Assistant Professor Porntip Veerayangkul  
  Faculty of Dentistry,  
  Mahidol University

- Dr. Chotiros Kuphasuk  
  Faculty of Dentistry,  
  Mahidol University

- Dr. Kallaya Yanpiset  
  Faculty of Dentistry,  
  Mahidol University

- Thailand International Development Cooperation Agency (TICA),  
  Ministry of Foreign Affairs

- SIAMDENT CO., LTD.

- THAILOTTE CO., LTD.

- Thailand Convention and Exhibition Bureau (Public Organization)

- Commission on Higher Education  
  Ministry of Education

- Network for WHO Collaborating Centers and Centers of Expertise in  
  Thailand
- COLGATE-PALMOLIVE (THAILAND) LIMITED.
- ACCORD CORPORATION LIMITED
- DENTSPLY (THAILAND) LTD.
- ACTEON (THAILAND) LTD.
- 3M (THAILAND) LTD.

ด้วยเกล้าด้วยกระหม่อม
Plenary Lecture Abstracts

**Plenary Lecture 1:** Advances in Composite Resins

**DATE & TIME:** 19 November, 2007 **TIME 11.15 -12.00**

Professor Hideo Ogura, DDS, PhD  
Department of Dental Materials Science  
Nippon Dental University, Japan

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**Plenary Lecture 2:** Non Surgical Endodontic Retreatment  
**DATE & TIME:** 19 NOVEMBER, 2007 **TIME : 13.30 – 15.00**

GUETTIER de PERCIN Philippe

**POSITION:** Private dental practice, Ho Chi Minh City, Vietnam  
R&D Consultant for MAILLEFER Instruments SA  
e-mail pguettier@saigonnet.vn

**DIPLOMAS & TITLES:**

1984: First year of Medical Studies at the Bichat Faculty of Medicine: 2\textsuperscript{nd} place  
1988: Graduate from the Faculty of Dental Surgery of Paris VII  
1989: Doctor of Dental Surgery thesis: Very High Honors  
Title: "Root Canal Filling: practice in France."
1989: Group A postgraduate diploma in Technology of Biomaterials used in Dentistry - University of Paris VII  
1990: Group B postgraduate diploma in Periodontics - University of Paris VII  
1990: Group B postgraduate diploma in Endodontics - University of Paris VII  
1991: Master of Business Administration - Business Institute of Paris

**Abstract:**

Studies reveal worldwide high prevalence of inadequate endodontic treatment and an urgent need for retreatment. Failure to perform the shaping, cleaning and filling of all the canal anatomy and to eliminate intra-canal infection are the primary cause of endodontic failure.

These goals are difficult for initial treatment but even more problematic during retreatment procedure. New scientific information and technological advancements enhance predictability for successful endodontic retreatment.

This lecture will cover crown and post disassembly procedure, the use of Ultrasonic to remove post or broken instruments, the elimination of paste, carrier and gutta-percha, the perforation repair with MTA, the recovering of patency for final shaping, cleaning and filling.

**Plenary Lecture 3:** Special Lecture in Implantology
DATE & TIME: 19 November, 2007 TIME: 15.30 – 16.30

Dr. Jan Kielhorn, Germany

**POSITION:**
- Oral Surgeon, private clinic and education center ICC (Oehringen) Implant Competence Center
- Visiting Professor, Department of Oral Implantology Univ. Ludhiana, Punjab
- Journalist for medical topics [DPB]

**DIPLOMA & TITLES**
- Study of Dentistry - Ruperta-Carola-University Heidelberg
- Specialization in Oral Surgery Praxis Dr. Haessler (Oppenheim)
- Assigned Board Specialist of Oral Implantology [DGI, DGZI, BDO,BDZI]
- Assigned Board Specialist of Periodontics [ DGP ]

**Specialization:**
- Oral Implantology (immediate-, early- and progressive loading)
- Augmentation (enoral bone-block crafts, sinus-lift etc.)
- Implantsuperstructures (CAD/CAM, Cercon and Titanium, Galvanofoming, intra-oral bonding technique)
- Live-surgery-demonstrations
- Multiple publications in journals
- Lectures and poster-presentations on national and international congresses.

**Plenary Lecture 4:** Special lecture in Periodontics

DATE & TIME: 20 NOVEMBER, 2007 TIME: 8.30 - 9.30

**Venue:** Watergate Ballroom, 6th floor

Professor Thomas E. Van Dyke, D.D.S., Ph.D.

**POSITION:**
Professor, Department of Periodontology & Oral Biology
Director, Postdoctoral Periodontology & Clinical Research Center
Boston University Goldman School of Dental Medicine, Boston, MA
Email: tvandyke@bu.edu

**DIPLOMA & TITLES**
1982 Ph.D. Oral Biology - State University of New York at Buffalo
1980 Periodontology Certificate - State University of New York at Buffalo
1979 M.S. Oral Sciences - State University of New York at Buffalo
1973 D.D.S. - Case Western Reserve University School of Dentistry
Abstract

Nowadays, we are treating more adult patients. They often have periodontal defects, worn/abraded teeth, broken down restorations, missing teeth, uneven spacing, and other periodontal and restorative problems that compromise the results. In addition, patients’ demands on aesthetics are constantly increasing in both anterior and posterior regions. Therefore, all these conditions and expectation of the patients have to be concerned before the treatments start.

This presentation will discuss the interdisciplinary cases in the adult patients with orthodontic, periodontal and restorative complications about how to establish the suitable sequence of treatment for the interdisciplinary patients. Orthodontic tooth positioning, crown lengthening before restorative procedures, direct composite restoration to correct improper space/shape of anterior teeth and some implant cases are examples of treatment mentioned in this presentation.
Plenary Lecture 6: INNOVATION IN NITI ROTARY INSTRUMENTATION


Professor Gianluca Gambarini, Italy

Professor of Endodontics, University of Rome, La Sapienza, Dental School, Rome, Italy

International lecturer and researcher, He is author of more than 380 scientific articles, two books and chapters in other books. He has lectured all over the world (more than 240 presentations) and has been invited as a main speaker in the most important international (AAE, IFEA, ESE) and national endodontic congresses in Europe, North and South America, Asia, Middle East, Australia and South Africa. He has also lectured in many Universities worldwide.

He has focused his interests on endodontic materials and clinical endodontics. He is actively cooperating with many manufacturers all over the world to develop new technologies, operative procedures and materials for root canal treatment.

Official Italian member of ANSI/ADA and ISO Committees for Endodontic Materials. Active member of IADR, Italian Society of Endodontists (SIE) and European Society of Endodontontology (ESE), Associate member of AAE. Scientific editor of the Italian Journal of Endodontics (G.It. Endo), official Journal of Italian Society of Endodontists (SIE)

Private practice limited to Endodontics in Rome, Italy.

Abstract:

The lecture presents new concepts and strategies to improve NiTi rotary instrumentation. The properties of the alloy, the need for flexibility and resistance to fatigue and the advantages of different movements during instrumentation will be discussed. All these concepts will be incorporated in a novel multi-step approach to NiTi canal preparation.
Plenary Lecture 7: Current Tooth-bonding Strategies and Their Clinical Effectiveness

DATE & TIME: 21 November, 2007 TIME: 10.00 - 12.00
Professor Bart Van Meerbeek, Belgium

BART VAN MEERBEEK obtained his DDS degree in 1988 and his Ph.D. degree in 1993 at the Catholic University of Leuven in Belgium. He continued his research activity abroad during one year at the University of Texas Health Science Center at San Antonio, Texas and later also at the University of Missouri-Kansas City. In 1995, he became Assistant Professor (Docent) at the Catholic University of Leuven and since then teaches Dental Materials Science. In 1998 and 2002, he was promoted respectively to Associate Professor (Hoofddocent) and Professor (Hoogleraar), and in 2005 to Full Professor (Gewoon Hoogleraar). His primary research interest involves studies related to the adhesion of restorative materials to tooth tissue. His research work has been published in more than 250 national and international peer-reviewed journals and has been honoured with awards such as the triennial Robert Stock award for Biomedical Sciences in 1996, the Albert Joachim Award in 1997, the Award in Biomedical Sciences of the Research Council of the Catholic University of Leuven in 1998, the IADR Young Research Award in 2000, the SmithKline Beecham award in 2001 and the Buonocore Memorial Lecturer in 2003. Together with Prof. P. Lambrechts, he became in 2003 holder of the Toshio Nakao Chair for Adhesive Dentistry. He is currently President of the Pan-European-Federation of the International Association of Dental Research (IADR) and Treasurer of the Continental-European-Division of IADR. Since 2004, he is editor of the Journal of Adhesive Dentistry.

Abstract:

Dental adhesive technology is evolving fast. The extensive possibilities for ‘direct’ and ‘invisible’ restoration of teeth offer a definite answer to the primary request of our patients. The concurrent potential to limit sacrifice of sound tooth tissue has triggered a rapid turn-over from a ‘mechanical-oriented’ to an ‘adhesive’ and ‘minimal-invasive’ tooth-care concept.

‘How can I restore a decayed or fractured tooth least invasively?’ should be the starting point of today’s restorative dental practice. In each need of tooth restoration, this question should again be addressed.

The objective of this presentation is to illustrate this ‘minimal-invasive’ tooth-care concept with clinical examples, as well as to introduce the newest developments in adhesive technology required for it. Effectiveness of modern adhesives in laboratory will be correlated with clinical effectiveness data.

This lecture will be given from a sound critical standpoint en will encompass a broad amount of product-and-use information with direct application in the daily practice.