



**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**

## **Table of Contents**

- I. IDCMR Background
  - II. IDCMR Executive Members
  - III. Vision and Goals
  - IV. The Fourth IDCMR Congress Report
    - a. Precongress Program 18 November
    - b. IDCMR Executive Meeting
    - c. Opening Ceremony
    - d. Congress Program
      - i. 19 November Events
      - ii. 20 November Events
      - iii. 21 November Events
    - e. Postcongress Program 22 November
  - V. Summary
- Annex
- Schedule
  - Executive Meeting Agenda, Minutes
  - International Dental Schools Cooperation Meeting Minutes
  - Opening Address by HRH Maha Chakri Sirindhorn
  - President's Report by Professor Dr. Pornchai Matangkasombut
  - Presenting Honorable Sponsors
  - Plenary Lecture Abstracts

## **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 Suddhasthira, 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
- organizing a workshop on “Oral Health in the Mekong River Region in the 21<sup>st</sup> Century 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 Suddhasthira, 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 Nakornchai, 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:

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 Schou	University of Copenhagen, Denmark
Professor L.P. Samaranayake	University of Hong Kong, 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 Sitthiphanh	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	Mahidol University, Thailand

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 10,000 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 Rotary Instrumentation” from 9:00 AM – 12.00 PM. In the afternoon, he conducted a workshop on “Canal Preparation Using NiTi Rotary Instrumentation, assisted by Assistant

Professor Jeeraphat Jantararat, 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 Jantararat, 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 Srithavaj

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
- organizing a workshop on “Oral Health in the Mekong River Region in the 21<sup>st</sup> Century 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 Sitthiphanh	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 4<sup>th</sup> International Dental Collaboration  
of the Mekong River Region**

**by**

**Her Royal Highness Princess Maha Chakri Sirindhorn**

**Sunday 18<sup>th</sup> November 2007**

**Amari Watergate, Bangkok, Thailand**

---

**It is a great pleasure for me to be here at the opening ceremony of the 4<sup>th</sup> 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 compassion for his people, His Majesty has inspired our public health professionals to do their best to serve people needs for gaining good health including oral health.**

**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 18<sup>th</sup> November 2007**

**Amari Watergate, Bangkok, Thailand**

---

ขอพระราชทานกราบบังคมทูลทราบบ้างแด่พระองค์บาท ข้าพระพุทธเจ้า ศาสตราจารย์เกียรติคุณ พรชัย

มาตังคสมบัติ

อธิการบดี

มหาวิทยาลัยมหิดล

ขอพระราชทานพระราชนุญาตใช้ภาษาอังกฤษในการดำเนินงานในวันนี้

ด้วยเกล้าด้วยกระหม่อม

**May It Please Your Royal Highness**

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.

บัดนี้ ข้าพระพุทธเจ้า ขอพระราชทานพระราชนุญาตเบิก รองศาสตราจารย์ ดร.ธีรลักษณ์  
สุทนต์เสถียร คณบดี คณะทันตแพทยศาสตร์ มหาวิทยาลัยมหิดล  
กราบบังคมทูลเบิกผู้มีอุปการะคุณต่อการจัดกิจกรรมในครั้งนี้เข้ารับพระราชทานของที่ระลึก  
และขอพระราชทานกราบบังคมทูลเชิญใต้ฝ่าละอองพระบาททรงเปิดการประชุมวิชาการนานาชาติ  
ลุ่มน้ำโขงครั้งที่ 4 ตามลำดับ

ด้วยเกล้าด้วยกระหม่อม

**Presenting honorable sponsors for gratitude plaques  
by  
Associate Professor Dr. Theeralaksna Suddhasthira  
Dean, Faculty of Dentistry, Mahidol University**

**Sunday 18<sup>th</sup> November 2007**

**Amari Watergate Hotel  
Bangkok, Thailand**

---

**May It Please Your Royal Highness**

As previously reported by the President of Mahidol University, the 4<sup>th</sup> International Dental Collaboration of the Mekong River Region or IDCMR scientific congress 2007 cannot come into fruition without the generous contributions from our honored guests, 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,<br>Mahidol University   |
| - Professor Pornchai Matangkasombut | President Mahidol University                            |
| - Professor Gianluca Gambarini      | University of Rome<br>La Sapienza Dental School, Italy  |
| - Dr. Philippe Guettier             | R&D Consultant for Maillerfer<br>Instruments SA, France |
| - Dr. Jan Kielhorn                  | Implant Competence Center<br>Oehringen, Germany         |



- **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



### 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<sup>nd</sup> 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, Galvanoforming, 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, 6<sup>th</sup> 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**

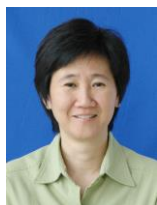
- 1982 Ph.D. Oral Biology -State University of New York at Buffalo
- 1980 Periodontology Certificate - State University of New York at Buffalo
- 1979 M.S. Oral Sciences - State University of New York at Buffalo
- 1973 D.D.S. - Case Western Reserve University School of Dentistry



## Plenary Lecture 5: Interdisciplinary Approaches for Esthetic Restorations

DATE & TIME: 20 NOVEMBER, 2007 TIME: 10.00 - 12.00

Mahidol University Thailand



Assistant Professor Ananya Promsudthi, DDS, MS, Diplomate of the American Board of Periodontics  
Department of Oral Medicine  
Mahidol University, Thailand



Dr. Chotiros Kuphasuk, DDS, MSD, Diplomate of the American Board of Prosthodontics  
Department of Prosthodontics  
Mahidol university, Thailand



Assistant Professor Porntip Veerayangkul, DDS, MSD (Orthodontics),  
Diplomate of the Thai Board of Orthodontics Diplomate of the American Board of Orthodontics  
**Part time** Lecturer, Dept. of Orthodontics, Mahidol University  
Private dental clinic, Thailand



Assistant Professor Watcharaporn Kuphasuk, DDS, MSD, Diplomate of the American Board of Operative Dentistry  
Department of Operative Dentistry  
Mahidol university, Thailand

### 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**

**DATE & TIME:** 21 November 2007 **TIME:** 8.30 - 9.30

**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 Endodontology (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 and will encompass a broad amount of product-and-use information with direct application in the daily practice.