
Editorial



Dear Colleagues:

It is a pleasure that our second issue of Newsletter is published now. I would like to thank our General Secretary, President, Editor in chief and all the contributors for their kind support and cooperation for publication of the Newsletter.

After discussion with the colleagues from China and abroad, the date of the 16th IADMFR in Beijing has been decided to be on JUNE 26-30, 2007. I do hope that participants from all over the world could enjoy their tour of Beijing the year before 2008 Olympic Game.

The fifth national congress of Chinese Society of Oral and Maxillofacial Radiology will be held in YinChuan city in Northwest China this coming August. YinChuan is a historical and cultural city, where was once the capital of the Western Xia, a mysterious kingdom founded during the 11th century. The participants from the whole country will enjoy the academic gathering as well as the historical heritage there.

I am looking forward to attending the 5th Asian congress of Oral and Maxillofacial Radiology, which will be held in Thailand in December this year. At this moment, I sincerely mourn Professor Takenori Noikura's passing away. Professor Noikura was an old friend of mine and he made a great contribution to the development of Chinese and Japanese Societies of Oral Radiology.

Finally I wish a success to our President, professor Curly Nortjé, who is preparing our 15th ICDMFR congress in South Africa.

Ma, Xu-chen

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Editorial

Dear Colleagues:





FROM
THE PRESIDENT

Dear Colleagues

I would like to congratulate professor Xu-chen MA and his committee for the excellent Newsletter which arrived in the beginning of January. To make a Newsletter successful it is of vital importance that members of IADMFR play an active role in providing Professor Ma with information regarding activities in your region in the promotion of Maxillofacial Radiology. Additionally, it would be nice to make our Association stronger by recruiting new members.

I also want to thank the editor of our Journal Sharon Brooks and her Associate editors for their tremendous effort of taking over from Douglas Benn with distinction and efficiency and publishing the Journal on time. It is generally accepted that the quality of a Journal always reflects the status of an International Association.

Our Congress chairman professor M.E. Parker informs me that his team is working very hard to make the 15th ICDMFR a very memorable one. Yet must not overlook the fact that the success of a Congress depends as much upon the participants as it does upon the organizers. A successful Congress not only needs speakers presenting papers and demonstrations, but there is equal need of an audience. The website for the Congress will soon be available with all the necessary information regarding the Congress. It would also be possible to register on line and send you're abstract directly via the web. You will also be able to look at video clips on the web illustrating the beauty of South Africa.

I wish you well and look forward to your contributions for our Newsletter.

Curly Nortjé
President IADMFR

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From the Secretary General

About the new structure of the membership of the Board.

Those who read the minutes of the General Assembly as held in Florianopolis may be aware of the fact that a decision was made about a substantial change in the selection and appointment procedure of the members of the Board of the IADMFR. Until now the Nominating Committee proposed nominees. From now on these representatives will be elected and furthermore the number of representatives was changed.

As a consequence there will be in total 12 Regional Directors. One Regional Director from each: Africa, Middle East, Central America and Australasia. Two Regional Directors from each: Asia, Europe, North America and South America.

The Regional Directors will be elected for a period of two years and can be reelected to a maximum term of 8 years.

The Secretary General will call for nominations in the November 2004 newsletter to be in due time for the General Assembly during the IADMFR Congress in Cape Town in 2005. Nominees will need to be proposed and seconded by two members of IADMFR in their region.

The Secretary General will organize a ballot of members on a regional basis if there is an excess of nominations. This ballot will be conducted with a “Single Transferable Vote” system. The Single Transferable Vote is a system of proportional representation that allows voters to vote for individual candidates in order of preference. Voters rank the candidates in order of preference; first preference votes are the first to be looked at, and the votes are then transferred if necessary from candidates who have either been comfortably elected or who have done so badly that they are eliminated from the election.

The changes in the constitutions also imply that Regional Directors shall consult the members in each country within their region requesting the members in that country to appoint or elect a National Representative for that country. This phenomenon of National Representatives is new. It is their task to promote IADMFR in their own country and seek to increase the number of members of IADMFR in their own country. Furthermore they shall base with their Regional Director and the Secretary General and finally give a verbal or written report to the Board of Directors at each congress of IADMFR.

THE BITS AND BYTES OF DIGITAL RADIOLOGY
CONTINUING EDUCATION COURSE ON DIGITAL RADIOLOGY
October 21 and 22, 2004
Amsterdam, The Netherlands

After the great success of the Bits and Bytes courses in previous years, we have the pleasure to announce the next course which will be held on Thursday October 21 and Friday October 22, 2004 in Amsterdam.

Digital Radiology

Digital Radiology is rapidly becoming a well-accepted tool for oral and maxillofacial radiology. A large number of systems for intra- and extra-oral radiography is available at this moment. This course will highlight specific features of each of the technologies and compare them with conventional film based imaging, to support the selection process of the appropriate equipment.

It's not just the system hardware that is important. Software to help the dentist diagnose is equally important. Digital radiography offers the possibility to extract more information from the radiographic images we use, compared to conventional film images. During the course, participants will have ample time to experience the use of dedicated software for image acquisition, storage and retrieval, as well as computer-aided image analysis and interpretation/diagnosis, including digital subtraction radiography.

The third topic of this course is the implementation of digital radiology in larger organizations, such as a Dental School. The architecture of the infrastructure, integration of sensor systems from different manufacturers into one single image database, seamless coupling with the Patient Management System, authorization levels for different users and system reliability and security are just a few issues that will be addressed.

Sessions taught

One day will focus on digital radiography as a *diagnostic instrument*. Sessions which cover subtraction radiography, contrast and density enhancement, gamma correction, and geometric reconstruction as well as quality assurance of imaging procedures and appropriate digital image correction and diagnostic optimization will be taught.

The other day will cover the requirements for the *integration of digital systems* into the dental office. Special attention will be given to the introduction of digital radiology in a *filmless dental school* combining digital systems from multiple manufacturers. Technical as well as organizational aspects will be presented, as well as the need for a standardized database structure.

Participants

The course is intended for:

Dentists,

Oral radiologists,

Oral surgeons, orthodontists, dentists specialized in periodontology, endodontology, cariology, and implantology and other dental specialists using maxillofacial radiology as a diagnostic tool

Clinicians responsible for the implementation of digital radiography and the selection of digital equipment.

The lecturers

The primary course leaders will be **Paul F. van der Stelt** (DDS, PhD) and **Gerard C.H. Sanderink** (DDS, PhD).

Paul van der Stelt received his training as a Dentist and an Oral Radiologist. He is chairman of the department of Oral and Maxillofacial Radiology of the Academic Centre for Dentistry in Amsterdam, The Netherlands. His main research interest is in digital radiology. He has been a keynote speaker of numerous

conferences.

Gerard C.H. Sanderink is also a dentist by training and a senior staff member of the department of Oral and Maxillofacial Radiology. He is recognized as an expert in digital radiology and system performance, and has great experience in the development and application of computer aided learning methods.

Other lecturers with a thorough knowledge of various aspects of digital radiology will participate in the course.

ACTA was the first dental school in the world where digital radiography was completely integrated into the patient management software to create a school wide paper- and filmless environment

Course facilities

The course is practical in nature and exercises will reinforce the lecture information. The course is partly utilizing the Emago/Advanced software package for computer-aided image interpretation.

Limited Attendance

The number of participants is limited to 20 persons, to facilitate ample interaction between the lecturers and the delegates.

Dates and location

This course will take place on Thursday October 21 and Friday October 22, 2004 at ACTA, Amsterdam, The Netherlands.

Course fee

The course fee is € 625,- . This includes registration, all course materials, lunches and a social event with dinner on Thursday evening.

Registration

Registration is done by sending the registration form to the course secretariat and by paying the course fee. The course fee can be paid by creditcard (Eurocard/Mastercard or VISA), by Eurocheque, or by Bank Transfer. Please indicate on the registration form which method you used. Registration is only final after your registration form and course fee have been received. The following refunds will be made in case of cancellation: before September 1, 75%; between 1 September and October 1st 50% and after October 1st no refund.

Accompanying persons

Amsterdam is a nice city to stroll around. There are numerous shops, and its museums are worth a visit. World famous museums are the Van Gogh Museum, the Rijksmuseum (National Gallery of Art), and the Stedelijk Museum. Travel agencies can assist you in selecting half day and one day trips to traditional villages around Amsterdam. The fee for accompanying persons is € 75, - for the social event and the dinner on Thursday evening.

Acommodation

Amsterdam has a wide variety of hotels in different price categories. Hotels and other information on Amsterdam can be found on the web (<http://www2.holland.com/amsterdam/gb/>).

If you need any assistance when booking your hotel, you can contact the Course Secretariat, Mrs. Yvonne Emmer (see address below).

Further information

www.radiology.acta.nl; go to "What's up" and click on "Bits and Bytes 2004").

If you need any assistance, please send a letter, fax or e-mail to the course secretariat:

Mrs. Y.O. Emmer

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From the Editor

I would like to take this opportunity to let you know the current status of Dentomaxillofacial Radiology. My first year as Editor of this journal has been a little more difficult than I had hoped because of a series of computer problems that occurred during the transition from Dr. Benn's office to mine. The excellent system of submitting manuscripts and reviews by uploading them to a server, set up by Mr. Phillip Whitt, the former Editorial Assistant, has become non-functional because of the computer problems.

For that reason, we are continuing the process that we have been using for the last few months. Authors wishing to submit manuscripts for consideration for publication in Dentomaxillofacial Radiology should send them directly to me as an e-mail attachment. (slbrooks@umich.edu). Each figure should be in a separate file for ease of handling. I will acknowledge receipt of the manuscript files and assign a tracking number to the paper. It is helpful if you use this tracking number in any correspondence about the manuscript.

We have been trying very hard to verify the status of all manuscripts submitted previously, to make sure that they did not become "lost" during the transition between editors and the computer difficulties. We feel that the manuscript tracking process is more stable now than it was earlier in my editorship. I apologize to those authors whose manuscripts fell into the "lost" category: all have now been "found".

We are working with the publisher to try to catch up with the publication schedule so the publication date printed on the journal more closely matches the actual calendar date. There were a number of reasons that the publication got delayed, including changes in the publisher's office and some slowness in getting manuscripts completed. Everyone associated with the journal has been working extra hours to try to correct this problem. We understand how frustrating it is to receive a journal several months late.

Some good news about the journal: the manuscript submission rate remains high. As of the end of March, there were 39 new manuscripts submitted in 2004. That appears to be a higher rate than last year. The increase in manuscripts also means an increase in work for the reviewers, but they have been doing an excellent job. After my request for new reviewers was printed in the last issue of this newsletter, several people responded and have already been sent papers to review. We can still use additional reviewers, so please consider helping. The more people willing to review papers, the fewer each person has to do. It is absolutely impossible to publish a good journal without a large group of people willing to review manuscripts and offer constructive suggestions to the authors. We hope that each person who submits a manuscript would also volunteer to review others.

If you have any concerns about the journal or want to submit a manuscript or volunteer your services or inquire about a manuscript, please do not hesitate to contact me. My email box is always available to you at: slbrooks@umich.edu.

I look forward to continued service with IADMFR and Dentomaxillofacial Radiology.

Sharon L. Brooks, DDS, MS
Editor, Dentomaxillofacial Radiology



Message from Thailand

As you are invited to participate in the 5th Asian Congress of Oral and Maxillo-Facial Radiology which will be held in Bangkok during December 15-17, 2004, I would like to inform you our preliminary program as follow:

The Fifth Asian Congress of Oral and Maxillo-Facial Radiology

Date: December 15 – 17, 2004

Venue: Sofitel Central Plaza Bangkok, Bangkok, Thailand

Preliminary program: **Wednesday December 15, 2004**

9.00	Registration Desk Open
10.00 – 12.00	Organizing Committee Meeting
12.00 – 13.30	Lunch (Organizing Committee)
14.00 – 15.00	Open Ceremony
15.00 – 17.00	Special Lecture and Oral Presentation (1)
18.00 – 21.00	Welcome Party (Cocktail Reception)

Thursday December 16, 2004

	Registration Desk Open
9.00 – 12.00	Special Lecture and Oral Presentation (2)
12.00 – 13.00	Lunch
13.00 – 14.00	Special Lecture (3)
14.00 – 15.00	General Assembly
15.00 – 17.00	Poster Presentation
18.00 – 21.00	Banquet

Friday December 17, 2004

8.30	Registration Desk Open
9.00 – 12.00	Special Lecture and Oral Presentation (4)
12.00 – 14.00	Farewell Party

* Abstract deadline: July 31, 2004

* Pre registration deadline: September 30, 2004

Along with the scientific program, we have variety sightseeing tours for your choice. The final announcement and call for papers is in preparation and will be mailed to our friends as soon as possible.

Radiology Clinic, Faculty of Dentistry, Chulalongkorn University has a Hitachi CBMercuray which was donated to Oral and Maxillo-Facial Surgery Clinic, Dental Hospital as Dr. Onanong Chai-U dom replied in Oradlist. This unit is the first dental CT in our country which will be useful in diagnosis to bring to the advancement in our field.

Anonknart Bhakdinaronk
President of Congress



Notes from at large...

The 10th International Congress and Exposition on Computed Maxillofacial Imaging will be held in conjunction with the 18th International Congress on Computer Assisted Radiology and Surgery, Chicago Hilton and Towers, USA, June 23-26. Information on the meeting can be found at <http://www.cars-int.de>. The CMI Portion of the meeting will include scientific sessions on: (1) “New concepts in computed maxillofacial imaging;” (2) “Multi-dimensional craniomaxillofacial imaging concepts;” and (3) “Multi-dimensional craniomaxillofacial imaging applications.” The tutorial and round table discussion will concern “Dimensions in computed maxillofacial imaging.” The keynote lecturer, Herman Oosterwijk will speak on “Standardization of image exchange for dentistry using DICOM.” CMI will also co-sponsor a half-day workshop “Integrating the Healthcare Enterprise – IHE.”

Dentistry now has a specific Working Group (WG) that reports to the international DICOM Standards Committee. WG 22 is co-chaired by myself and Mr. John Goyette (Schick Technologies) with the Secretariat role being held by the American Dental Association. The Recording Secretary for this group is Dr. Glenn Haggan of the Veterans Administration. WG 22 will work specifically within the strict guidelines and limits of DICOM and will supplement the wider interoperability activities of the American Dental Association’s SCDI WG 12.1. The first item of business has been the development of DICOM Supplement 92 “*Media Application Profile for Digital Radiographic Images in Dentistry.*” This document has passed through one cycle of public comment and is in process of amendment as a result. It is hoped to have it finalized before the end of this year.

The scope of DICOM WG 22 is to address all issues relating to imaging and reporting of image-based studies in dental applications. As the roadmap the implementation of dentally relevant objects (e.g. DX, IO, SC, SR) will be emphasized in dental care environments. Extensions/refinements to existing objects will be introduced to accommodate existing and emerging digital imaging and related techniques used in dentistry.

The approved work items for WG 22 are:

- Development and implementation of a Media Application Profile Supplement for dental grayscale images (DICOM Supplement 92)

- Development and implementation of a Media Application Profile Supplement for dental color photographic images

- Development of guidelines for standardization of digital x-ray virtual mounts, including variation in the intra-oral full mouth series

- Development of guidelines for standardization of digital photographic mounts for intra-oral and extra-oral projections

- Creation of templates for structured reporting

- Development of guidelines for overlays used in dentistry such as the cephalometric tracing

- Evaluation of existing objects or current work items for use in dental imaging.

The DICOM initiative in dentistry is closely allied and embedded in the ADA more general SCDI initiative

for interoperability of all electronic media, inclusive (but not exclusive) to diagnostic images. Further it is recognized that the goal of interoperability for dentistry will involve concepts that transcend DICOM and include HL-7 and IHE concepts. WG-22 anticipates working closely with the ADA SCDI initiatives and currently has common membership with ADA WG 12.1.

Allan G. Farman,
Organizer, CMI
Co-Chair DICOM WG 22/ADA SCDI WG 12.1



Regional Report from Japan

The Japanese Society for Oral and Maxillofacial Radiology acknowledges the coming of the new year of 2004 with a sad and heavy heart in conveying to you the passing away at the end of last year, of Professor Noikura who was also a distinguished member of the IADMFR.

Professor Takenori Noikura of Kagoshima University and a member of our Society was convalescing from a serious illness but having passed away on December 14, 2003. We respectfully mourn his having left us so unexpectedly.

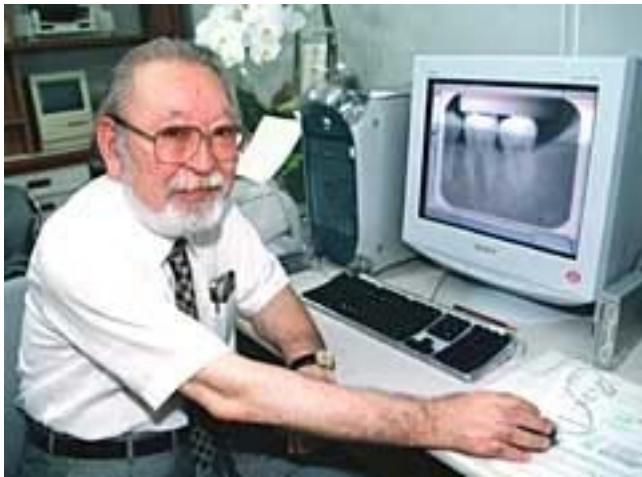
Professor Noikura was born in Kagoshima in 1936 and after graduating from Nihon University School of Dentistry in 1960, successively served at Department of Oral and Maxillofacial Surgery, Kagoshima University Faculty of Medicine, Department of Oral and Maxillofacial Surgery, Kagoshima City Hospital, Department of Oral and Maxillofacial Radiology, Nihon University School of Dentistry, and in 1979 became the initial professor serving at the Department of Dental Radiology, Kagoshima University Dental School. During the professor's tenure, he was in charge of the Attached Hospital of the Faculty of Dentistry of Kagoshima University, director of the Japanese Society for Oral and Maxillofacial Radiology, Council Member, English Edition Editorial Committee Member, The Japanese Society of Medical Imaging Council Member, Japanese Stomatological Society Member, etc. and was instrumental in making major contributions to the development of dental medicine. In 1998 for his contributions to oral and maxillofacial surgery in China, he was awarded the title of honorary professor by the Medical University of China..

Upon his retirement, as facilities to support the image diagnoses by regional dentistry practitioners, he established the Dental -I Research Institute. The achievements established by Professor Noikura have been most extensive in the Japanese Society for Oral and Maxillofacial Radiology and his enthusiasm shall be a good example for our young researchers to follow in his footsteps. We wish to pay tribute to his far too early demise and wish to proffer thanks to his memory and may God bless his soul.

The enthusiasm shown by Professor Noikura to dental radiology should continue to support the academic activities in the Japanese Society for Oral and Maxillofacial Radiology through the Takenori Noikura Award.

Isamu Kashima
Kanagawa Dental College

82 Inaoka-cho, Yokosuka city Kanagawa Prefecture, Japan



Greetings from the U.S.A. Neill Serman

My wife, Tobienne and I spent 10 days in South Africa in December last year. While there we spent 5 days at a game park and we saw

a great amount and variety of game, big and small. We were also fortunate enough to see two cheetahs at a kill. On the way to the game park we passed an alligator farm as well as an ostrich farm. Thus, there is a great choice of wild animal viewing available all over South Africa.

Most international airlines fly directly into Johannesburg. If one arrives in S.A. on such a flight it is certainly worth going down a gold mine before or after the meeting in Cape Town. Around Cape Town there are many excellent animal farms and wine farms and a wine farm tour certainly is considered a must. South African wines are world famous and one is able to taste a great variety of these wines. Good wines purchased at a liquor store are surprising inexpensive.

Time passes by sooner than one realizes and one must already start thinking of the next meeting of the IADMF Radiology in Cape Town, South Africa in May 2005. There is so much else to see in South Africa that it is advisable to start planning well in advance to make the most of the trip. The meeting in Cape Town takes place on the waterfront in an ultra modern hotel adjacent to the conference center, which has not yet been completed, so it will have all modern conveniences. At the General Assembly Meeting in Florianopolis last year, Prof. Nortje, the President of the meeting in Cape Town assured the General Assembly that the registration and the hotels will be very reasonable. Those who were in Florianopolis will recall that Prof. Nortje showed a short video on Cape Town, which is a very beautiful city.

The meeting after Cape Town will take place in 2007 in Beijing and we all look forward to meeting in this most exciting city. Long term planning is thus essential.

Again for those who wish to plan ahead, the next Scientific Meetings of the American Academy are as follows –

55th Annual Session Nov. 3 – 7. 2004. Warwick Hotel, Denver, Colorado.

56th Annual Session November 16 – 20. 2005 Francis Marion Hotel. Charleston, South Carolina.

57th Annual Session. Kansas City Missouri. Details will be supplied as they become available.

58th Annual Session. Chicago. End of November – beginning of December

The last meeting of the Academy took place in Chicago from December 3 through the 6th, 2003. The meeting is held in Chicago every 4 years. During the Continuing Education Course a lecture was presented on “Anatomy of a systematic review” The Cline Fixott Memorial Lecture was on Radiology Biology, Radiation Risk and Clinical Significance. The new information on risk estimates for human exposures was important to note. The Special Interest Groups has become very popular. These included; Clinico-Radiologic Conference; Paperless, Filmless Institutional Dental Clinic; Principles of Image Interpretation revisited; Limited Cone Beam CT; Scientific Writing Workshop; and Various Aspects of CT.

Time was allocated for the poster presentations which were of a very high caliber. I have been attending these meetings since 1987 and this was the best and largest commercial exhibition that I have seen at these meetings.

The new executive of the American Academy is as follows

President: Kenneth Abramovitch

President-Elect: James Geist

Immediate Past President: Sharon Brooks

Treasurer: William Scarfe

Councilor, Educational Affairs: Jerald Katz

Councilor, Communications: James Pettigrew

Councilor, Academy Affairs: Gail Williamson

Councilor, Public Policy and Scientific Affairs: Stuart White

Executive Director: Michael ShROUT

The American Academy has decided to elect the president for two years to ensure better continuity. The long time editor of the Newsletter of the Academy, Jon Park has retired and the new editor is William Moore.