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THE INTERNATIONAL ASSOCIATION OF
DENTO-MAXILLO-FACIAL RADIOLOGY

NEWSLETTER

2022 No. 2



DMFR
DentoMaxilloFacial Radiology

A Journal of Head & Neck Imaging

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Dear Colleagues and friends

It has been a year now since I took up the editorship and how fast time have passed. Our community has grown to live with COVID in variety of ways depending on where you are in the world. COVID vaccination has proven that science can make a massive impact in our lives. In the UK, we have lost our long reigning Queen Elizabeth II who has been our queen for the last 70 years, the longest female reigning monarch in the world. Currently, we seemed to be moving into a global recession with increased cost of living and rising fuel prices. It seemed it would be a challenging year to come for all of us. While we wait for the New Year to arrive, for those who love the beautiful game, we have nearly a month of football from Qatar, FIFA World Cup 2022, unusual to be held in November/ December time, to enjoy or to suffer depending on which side of the fence you are on.

Looking back, it has been a good recovery year for DMFR in 2022. We had a successful virtual European Congress of Dental Maxillofacial Radiology (ECDMFR) in Lublin, Poland, the British Society of Dental Maxillofacial Radiology (BSDMFR) had a face to face and virtual meeting, face to face meeting of the Swiss Association of Dental Maxillofacial Radiology (SADMFR) in Bern and the Latin American Association of Dental Maxillofacial Radiology (ALARID) had a virtual meeting from Mexico and Brazil. The biggest face to face DMFR meeting if I am not mistaken, has to be in Brazil, where the Congress of the Brazilian Association of Dental Maxillofacial Radiology (CONABRO) was held with 1300 registered attendance! You can read all about it in this newsletter.

We also have successful hosting of webinars by IADMFR (we hope you have enjoyed this!), King Saud University in Riyadh and Journal clubs organised by EADMFR to name a few.

I am very happy to welcome new board members who have contributed to this newsletter-members from South America: Sergio Lins de Azevedo Vaz, Brazil, Grethel Brown, Panama; Guillermo Concha ,Chile.

Welcome also to the new board members who I hope will come on board in the next newsletter- Babatunde O. Bamgbose for Africa, Shwetha Hegde for Australasia, Saulo L. Sousa Melo for North America and Naoya Kakimoto for Asia.

May I take this opportunity to thank all the board members who are stepping down or have stepped down from the newsletter in this edition- Yoshinori Arai from Japan, Tom Huang for Australia and David MacDonald for North America. All your time and effort contribution to the newsletter is very much appreciated. Thank you for keeping our members and the general readers who have an interest in our society up to date with what goes on around the world. (Please forgive me for not addressing the board members with their full official title to avoid making an error and I am so sorry if I miss any members name from the list.)

I would also like to wish a massive congratulations to our DMFR Editor, Michael Bornstein for the tremendous success for taking the DMFR journal to the highest impact factor we have ever seen for our journal, of 3.525! His success would not be possible without the help of the Associate Editors, the International Editorial Board and most importantly our publisher, BIR publications. I would also like to say a big thank you to all our writers and contributors who choose DMFR journal to publish their articles. Our unsung Heroes are all our article reviewers who have given their free time without asking for financial gain nor official recognition. We would not have achieve this without your help!

We will have a lot to forward to in the World Tour next year. Watch this space and do not forget to look at our webpage on everything that we do for you, our members.

Lastly, may I wish all our readers a Merry Christmas and a Happy New Year. I hope you all will be able to have a little break to revitalise and improve your well being, mentally and physically to energize for the coming year. May the New Year bring us new hope, new aspirations, joy, happiness and good health.

Stay safe and all the very best,

Rose Ngu

President-elect, IADMF



SADMFR conference held in June 2022 in Bern: From the left: Ralf Schulz, Rose Ngu, Dorothea Dagassen and Michael Bornstein

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SADMFR Dinner with the late Prof Lambrecht, Prof. Lambrecht was a pioneer of skull model fabrication based on 3-dimensional data from CT scans. He was also previous president of the International Society of Computer Aided Surgery (ISCAS), and the Swiss Association of Dentomaxillofacial Radiology (SGDMFR).

From the left, front to back: Prof. Dr. Karl Dula (past president), Prof. Dr. Bernd Stadlinger (secretary SAGDMFR), Dr. Rose Ngu, Dr. Dorothea Dagassan-Berndt (President), Dr. Odette Engel (Treasurer), PD Dr. Valérie Suter(vice-president)

From the Right, back to front: Monika Lang (administrative secretary),PD Dr. Dr. Heinz-Theo Lübbers (board member), Prof. Dr. Andreas Filippi (board member), Prof. Dr. Michael Bornstein (immediate past president),Prof. Dr. Dr. J-Thomas Lambrecht (honorary member),Dr. Sandro Leoncini (immediate past treasurer)



Report from the Secretary General



Dear IADMFR members, dear friends and colleagues across the globe,

Despite the world is facing uncertain times, the IADMFR continues showing its resilience by taking several initiatives to move forward. We strongly believe that our association may offer us the strength and ideal glue to unite across the globe.

The monthly IADMFR webinars are well-attended by our members and, on each occasion, we see new members joining. At the same time, the joint IADMFR-IAEA initiative is able to attract other interested dentists and medical physicists across the globe, with a recent attendance of more than 1250 participants for one single webinar. As an IADMFR member, you have the privilege to watch all previous webinars in our member area.

Meanwhile, we also continue with monthly activities in the IADMFR education track and are grateful to all teachers, mentors and students involved in this programme. It should be mentioned that G Sanderink and E Berkhout (ACTA Amsterdam) also contributed by offering additional free educational material (interactive courses) for all IADMFR members (<https://iadmfr.one/education/iadmfr-education-track>).

We also continue to prepare the IADMFR 2023 World Tour, highlighting a unique physical 3-day event in Brussels from 6 to 8 July 2023 (<https://www.iadmfrworldtour.org/>). This event is organised in close collaboration with our association partners BIR and Aim and will be open to e-abstracts with 3-minute pitch talks. This unique concept will be the ideal kick-off for a further digitalised IADMFR era, with plenty of time to meet both in-person and online. If you are interested in being part of IADMFR, see <https://iadmfr.one/> and register as a member or contact us at iadmfr@aimgroup.eu.

I sincerely hope that all members can continue living peacefully and I look forward to meeting you at the World Tour 2023 online or in Brussels!

Reinhilde Jacobs

Secretary General, IADMFR

IADMF WORLD TOUR



Dates & Modality

May to July 2023

| | | |
|---------|---------------|--------|
| 5 May | Latin America | Online |
| 12 May | North America | Online |
| 26 May | Europe | Online |
| 3 June | Middle East | Online |
| 9 June | Africa | Online |
| 16 June | Asia | Online |
| 23 June | Australasia | Online |

Brussels Live Event

| | | |
|--------|----------|--------|
| 6 July | Brussels | Onsite |
| 7 July | Brussels | Onsite |
| 8 July | Brussels | Onsite |

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✉ iadmfrworldtour@aimgroup.eu

🌐 www.iadmfrworldtour.org

Second Editor's Report 2022

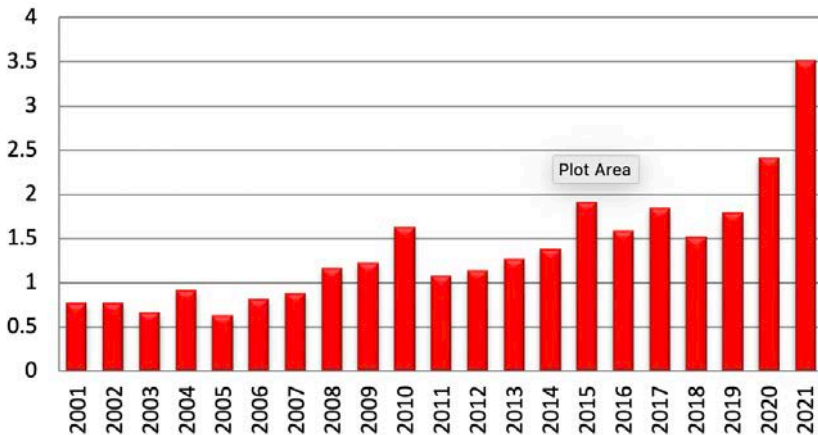
Report from the Journal Editor



As you all know, 2021 was a year of celebration for our journal: it was the 50th volume of the journal since its first publication in 1972. We have been celebrating this occasion with a series of invited reviews from internationally renowned experts covering historical aspects of our journal as well as technological innovations in our field. Please keep accessing the dedicated page on the journals homepage for the article collection, and also keep citing these outstanding papers in your scientific work and lectures to increase awareness. The link is: <https://www.birpublications.org/dmfr/dmfr50>.

As a pleasant surprise and also proof of our growing recognition as a relevant specialty in the field of dental medicine, the impact factor of our journal has again increased over 30% to 3.525! This is the highest it has ever been and the first time over 3. The journal is now listed in 28th place (out of 92 journals) in the "Dentistry, Oral Surgery & Medicine" category of Web of Science and in 62nd place (out of 136 journals) in the "radiology, nuclear medicine & medical imaging" category. This is a remarkable result for our journal and at the end of my report you can find a list of the top 10 highly cited articles that contributed to this newest impact factor, along with the list

DMFR Impact Factor



of highly cited articles that are currently contributing to next year's impact factor.

I would also like to remind our community that *DMFR* is able to offer pre-funded open access to authors based at participating institutions in the following countries: Australia & New Zealand, Austria, Cyprus, Denmark, Finland, France, Germany, Hungary, Ireland, Israel, Italy, Netherlands, Norway, Qatar, Republic of Korea, Slovenia, South Africa, Spain, Sweden, Switzerland, UK and several states in the US. Authors affiliated with those specific institutions can publish their work open access at no cost to the authors themselves. To date, 27 *DMFR* articles and author groups have benefited from this. Please check out the following link to the website for more details regarding eligibility: <https://www.birpublications.org/page/pre-funded-oa/dmfr>.

As a final note, I encourage all of our research community to submit your work to *DMFR* and join our quest to support and advance the practice of dentomaxillofacial radiology and all its subspecialties and branches. Remember that its *DMFR* that is our scientific flagship, and it is the quality of this journal that will leave a lasting impression on colleagues in other specialties in medicine and dentistry.

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With my best regards

Michael Bornstein

1) List of top cited papers that contributed to 2021 impact factor (June 2022)

- Tooth detection and numbering in panoramic radiographs using convolutional neural networks
- The use and performance of artificial intelligence applications in dental and maxillofacial radiology: A systematic review
- Cone beam computed tomography in dentomaxillofacial radiology: a two-decade overview
- Automatic diagnosis for cysts and tumors of both jaws on panoramic radiographs using a deep convolution neural network
- Cone beam CT imaging of the mandibular third molar: a position paper prepared by the European Academy of DentoMaxilloFacial Radiology (EADMFR)
- Ultrasonography for diagnosis of peri-implant diseases and conditions: a detailed scanning protocol and case demonstration
- Performance of deep learning object detection technology in the detection and diagnosis of maxillary sinus lesions on panoramic radiographs
- Apparent diffusion coefficient (ADC) histogram analysis: differentiation of benign from malignant parotid gland tumors using readout-segmented diffusion-weighted imaging
- Preliminary study on the application of deep learning system to diagnosis of Sjögren's syndrome on CT images
- Cervical vertebral maturation assessment on lateral cephalometric radiographs using artificial intelligence: comparison of machine learning classifier models

2) Highly cited articles contributing to the 2022 Impact Factor (due for release in June 2023)

Automatic diagnosis for cysts and tumors of both jaws on panoramic radiographs using a deep convolution neural network

Cone beam computed tomography in dentomaxillofacial radiology: a two-decade overview

Performance of deep learning object detection technology in the detection and diagnosis of maxillary sinus lesions on panoramic radiographs

Artificial intelligence system for automatic deciduous tooth detection and numbering in panoramic radiographs

Discovering a new anatomy: exploration of oral mucosa with ultra-high frequency ultrasound

Current applications and development of artificial intelligence for digital dental radiography

Integration of imaging modalities in digital dental workflows - possibilities, limitations, and potential future developments

Artificial intelligence in oral and maxillofacial radiology: what is currently possible?

The histogram analysis of apparent diffusion coefficient in differential diagnosis of parotid tumor

Cervical vertebral maturation assessment on lateral cephalometric radiographs using artificial intelligence: comparison of machine learning classifier models

Deep-learning for predicting C-shaped canals in mandibular second molars on panoramic radiographs

Assessment of dental age estimation methods applied to Brazilian children: a systematic review and meta-analysis

Greetings from Pretoria, South Africa,

Life seems to have returned to normal and very few signs of the pandemic remain. Other notifiable diseases have now made an appearance and are being monitored. The Gauteng provincial PACS project has begun its roll out and to date over 30% of the health facilities have gone live. This will ensure the synchronization of all records; expedite treatment and reduce radiation exposure (fewer repeat examinations). It will also open new avenues for research and give us the opportunity to re-engage the concerns of large dataset, AI and protection of personal information.

Three postgraduate students around the country will sit for a final assessment in the Master's program this year – we wish them all the success. We also want to wish Dr Chane Smit well in her new journey as she embarks on her PHD.

Dr Zarah Yakoob presented a webinar for the South African Association of Paediatric Dentistry as part of a Paediatric/Oral Pathology series. Her title “Maxillofacial pathology in children: a radiographic perspective” was well received and commended.

If there are any developments in Africa, please contact me with the details.

Dr Shoayeb Shaik

IADMFR regional director, Africa

Report from
South Africa



Report from Asia



Dear Colleagues and IADMFR members,

As we are going back into our activity toward the end of 2022, the IADMFR Asia region would like to warmly greet you with this November newsletter edition.

Through this occasion, we would like to congratulate Prof Junichi Asaumi from Okayama University as the new AAOMFR Secretary General to follow the success of Prof Keiji Tanimoto's leadership. We would like to thank and send our highest regards to Prof Keiji Tanimoto for his dedication and hard work throughout the years of his leadership.

I would also like to thank our colleagues in Asia from Indonesia, South Korea, Taiwan, Hong Kong, and Malaysia, for sharing their recent events and updates with us and also to everyone for the hard work during this year.

IADMFR Asia would like to wish you all a great holiday season and a happy beginning in 2023!

Menik Priaminiarti

IADMFR Regional Director, Asia

Report from Asia



Dear Colleagues and dear friends,

As the world gradually recovered from the pandemic, we would like to report the activities of the Indonesian Association of Dentomaxillofacial Radiology (IKARGI) during these terms.

In June 2023, the 13th ACOMFR in Gifu was still held online and one of our DMFR consultants, Dr M. Novo Perwira Lubis had the chance to become one of the main lecturers at the event, presenting the Application of Cone Beam-CT in Indonesia.

Finally, after an absence of two years, the National Symposium of Indonesian Association of Dentomaxillofacial Radiology (IKARGI) was held in Bali from 26 to 28 August, 2022. The topic was Clinical and Legality of Oral Maxillofacial Radiology in Dental Practice. As one of the youngest specialist programs in Indonesia, the DMFR practice is still facing many problems in the practice in some hospitals related the regulations and the law.

Later on, seminars and hands-on engagement with the Indonesian Dental Association were held in regular environment. These events have been actively participated in by our Dentomaxillofacial Radiology (DMFR) consultants.

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Dr Novo M Perwira Lubis presented in Seminar and Hands-on in Bali, Surabaya, and Jogjakarta, Indonesia

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Dr Sandy Pramadya presented in Seminar and Hands-on in Bandung, Indonesia



Dr Fariyah Septina presented in Seminar and Hands-on in Malang, Indonesia

To stay up to date on the current research in the DMFR field, Universitas Hasanudin radiology specialist program invited Dr Babatunde O Bamgbose from Nigeria to speak about the Deep Understanding of Panoramic Interpretation on 14 September 2022. This event was held in hybrid environment.

Kampus Merdeka

Oral & Maxillofacial Radiology Specialist Program
Faculty of Dentistry
Hasanuddin University

Opening Speech
Prof. Dr. drg. Edy Muchamad, Sp. Presik
Dean of Faculty of Dentistry
Hasanuddin University

Welcome Speech
Prof. Dr. drg. Barunawaty Yunes, M.Kes., Sp. RKG sebagai Med. GIGI
Head of Oral and Maxillofacial Radiology
Specialist Program, Faculty of Dentistry
Hasanuddin University

INTERNATIONAL GUEST LECTURE

Deep Understanding of Panoramic Interpretation
Wednesday, September 14th, 2022

Hybrid Meeting
FKG Unhas

Zoom
14.00-16.00 WITA

Moderator
Prof. Fadhil Usman, Sp. Rad.

Babatunde O. Bamgbose BDS, DDS, MS, MD, FRCDS, FRCAC (Cert. Oral and Maxillofacial Radiology)
Professor of Oral and Maxillofacial Radiology
Oral Diagnostic Program Head
Faculty of Dentistry, Lagos State University, Nigeria

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drg. Arny 0852 4200 8788

Once again, we welcome our colleagues all around the world to send the articles into our journal. Jurnal Radiologi Dentomaksilofasial Indonesia (JRDI) which has been accredited by Indonesian journal accreditation and categorized in SINTA 3.

See you soon in the IADMFR World Congress in 2023!

Isti Rahayu Suryani

AAOMFR Director, Indonesia

Greetings from South Korea,

The fall scientific meeting of KAOMFR was held in Dankook University, South Korea on 15 October, 2022 as the COVID-19 quarantine guidelines were relaxed. There were two special lectures and general presentations of research papers and case studies.

In a special lecture on “Status of Medical Radiation Safety Management” by health researcher Gil Jong-won (Medical Radiology Division, Korea Centers for Disease Control and Prevention), there was an exchange of opinions between the speakers and academic members after listening to radiation management of medical personnel, the current status of exposure, and improvements to problems.

In addition, there were a number of presentations, including the research paper of Hansol Lee (Seoul National University), “Automatic detection of nasopalatine duct cyst and maxillary anterior radicular cyst using deep convolutional neural network in dental panorama”.

Professor Lee Wan (Wonkwang University) shared his ethical concerns as a dentist among the experiences he had while working as an international cooperation doctor abroad with the members and had a discussion.

After the academic meeting, we had dinner together at a restaurant by the lakeside near the university, and enjoyed the beautiful scenery at the café promoting friendship after a long time.

Professor Yoon-Joo Choi (Yonsei University) received the Science and Technology Excellence Paper Award at the 32nd Annual Conference on Science and Technology held on 29 June 2022. The paper “Computed tomography and magnetic resonance imaging characteristics of giant cell tumors in the temporomandibular joint complex” was selected as an excellent paper in the health field.

Prof Won-Jeong Han

President, Korean Academy of Oral and Maxillofacial Radiology



The fall scientific meeting of KAOMFR was held in Dankook University, South Korea 15 October, 2022



A special lecture by health researcher Gil Jong-won (Medical Radiology Division, Korea Centers for Disease Control and Prevention) and general presentations of research papers and case studies.



Professor Yoon-Joo Choi (Yonsei University), winner of the 2022 Science and Technology Excellence Paper Award

Report from Asia

Report from Taiwan,

The 8th second Annual Meeting and General Assembly of TAOMFR was held as an online meeting on 23 April 2022 due to COVID-19 pandemic (Figure 1). The day-long lectures in this event were Anatomical Variations of Oral-Maxillofacial of CBCT images, Brief Overview of Cephalometric Features in Growing Patients, and e-poster presentations were also included (Figures 2–4).



Since Taiwan will host 14th ACOMFR, 2024 in Kaohsiung, President of TAOMFR and Secretary General of 14th ACOMFR, Dr. Wen-Chen Wang, promoted this upcoming event at every speech she had given. The dates of 14th ACOMFR will be June 13–15, the venue will be the Hall A, International Convention Center of Kaohsiung Medical University. Please save the date. The promotional video for the 14th ACOMFR can be found here <https://www.youtube.com/watch?v=oc1ZLa0LBUY>

[com/watch?v=oc1ZLa0LBUY](https://www.youtube.com/watch?v=oc1ZLa0LBUY)



Figure 1. Staff for online meeting at the 8th second Annual Meeting and General Assembly of TAOMFR

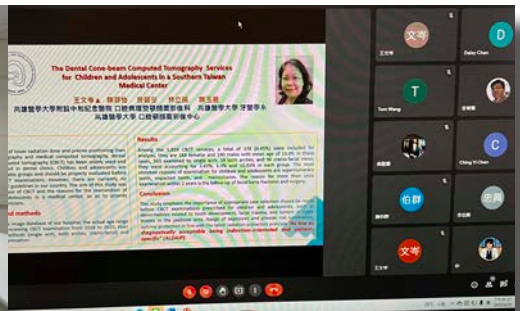


Figure 2. E-poster presentation by Dr. Wen-Chen Wan

We all pray for everyone healthy, safe and welcome everybody can visit Taiwan in person in 2024! <https://www.facebook.com/acomfr2024>

Ming-Gene Tu

**Professor, School of Dentistry, China Medical University,
Taichung, Taiwan**

AAOMFR Regional Director, Taiwan

Chair of Organizing Committee of the 14th ACOMFR, Kaohsiung



Figure 3. E-poster presentation by Prof. Li-min Lin

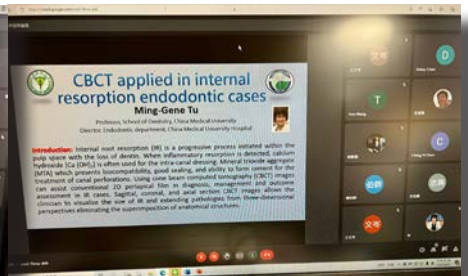
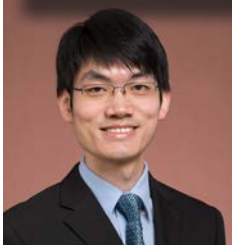


Figure 4. E-poster presentation by Dr. Ming-Gene Tu



Figure 5. General Assembly

Report from Asia



Nei Hou! Greetings from Hong Kong,

The Massive Open Online Courses (MOOCs) development project as part of Global Dental Campus-Online has got started at our Oral and Maxillofacial Radiology Unit as well. Global Dental Campus-Online or MOOCs are designed to offer continuing dental and professional education to practicing dentists and specialists.

Global Dental Campus-Online? You could visit the following site and take a peek MOOCs if you are interested in; <https://facdent.hku.hk/learning/massive-open-online-courses.html>

Our Faculty launched the project of Dental MOOCs production a few years ago and has been pushing forward with it since then. OMFR team under former Chair, Professor Bornstein, planned to develop three DMFR courses:

“2D and 3D modalities for diagnostic imaging in dental medicine: current concepts, novel developments, challenges & possibilities”, “CBCT – Impact, limitations and possibilities in dental medicine”, and “Anatomy and pathology in Dento-MaxilloFacial Radiology (DMFR) - The art & science of good reporting”.

Totally 55 talking-head video lectures are to be included in three courses, and topics and associated fields range wide.

Dr Louise Hui, PhD in Oral and Maxillofacial Radiology and Teaching Assistant in the Division of Applied Oral Sciences and Community Dental Care, Faculty of Dentistry, University of Hong Kong, has joined us for this project. We are working hard at collecting/developing/arranging the components/materials of the video lectures given with the deep expertise by local and overseas professors, colleagues and friends in the

various kinds of fields.

Last but not least, we wish for peace and all the best. We hope to see you in face to face at the next DMFR congress.

Best wishes,

Dr Abeer AlHadidi

Dr Andy Yeung

Dr Ray Tanaka

Dr Louise Hui

***Oral and Maxillofacial Radiology, Applied Oral Sciences and
Community Dental Care, Faculty of Dentistry, University of Hong
Kong, Hong Kong, China.***



DMFR Team, Faculty of Dentistry, HKU

Report from Asia



Greetings to all my fellow colleagues,

Dentomaxillofacial Radiology related teaching and learning activities have resumed back to normal post-COVID, in all academic institutions, where routine Continuing Dental Education programs are being conducted as usual. Students are more engaged in these learning activities with maximum involvement and commitment.

Post pandemic challenges for higher education are minimalised by highly qualified academicians who had incorporated changes in their pedagogical practices. Innovative means are integrated into traditional learning, thus enriching the experience of learning, and enhancing its effectiveness. So, the learning performances of students are not drastically affected.

“Nuklear Malaysia” is a national research centre, entrusted with the task of implementing training programs to enhance necessary skills and safety environment and thus it helps to achieve a competent workforce. The agency regularly conducts awareness course on radiation protection in dental radiology. This one-day course was conducted on 4 August 2021, 23 September 2021 and on 21 April 2022.

Let us all welcome evidence-based positive changes in teaching and learning activities, clinical practice and technological innovations for the progress of our profession.

Prepared by,

Dr. Subashini Suyambukesan MDS, MFDS RCPS(Glasg), FADI.,

Associate Professor

Head of Oral Diagnostic and Surgical Sciences Department,

Faculty of Dentistry, Lincoln University College, Selangor, Malaysia.

Director, Asian Academy of Oral and Maxillo Facial Radiology (AAOMFR), Malaysia.

Dear Colleagues,

First, we would like to thank our Secretary General, Professor Reinhilde Jacobs and her local organising team in Brussels and in Leuven, Belgium, for their hard work with prepared for the coming ICDMFR World Tour 2023. We are looking very much forward to participate in the coming congress, starting with online presentations from all over the world - and finally meeting onsite in Brussels in July 2023. The whole concept is innovative and promising.

We would also like to thank the European members of the IADMFR for your trust in us, as following the voting we were both re-elected as European Directors of the IADMFR. We will do our best to represent Europe internationally, to spread information about the IADMFR's activities among our European colleagues as well as about European activities among our international colleagues. We will encourage collaboration with colleagues from other parts of the world, which contributes to exchange of professional experiences and knowledge. We hope that despite all world-wide issues we have experienced lately, we will be able to organise face-to-face and online events, contributing to continuous education in dentomaxillofacial radiology.

One of the events that gathered not only European, but also colleagues from all over the world, was the 18th European Congress on DentoMaxilloFacial Radiology (ECDMFR) held online from 8 to 10 June 2022, prepared by the Local Organising Committee chaired by Ingrid Różyło-Kalinowska, from Lublin, Poland. During the two days of the main Congress (Thursday and Friday, 9 and 10 June) pre-recorded scientific presentations were streamed accompanied by live Q&A sessions. The oral and poster research awards sessions were held live. The Congress also included Keynote Speakers – Lucia Cevidanes and Dania Tamimi from USA, Round Table discussions on Artificial Intelligence in Dentomaxillofacial Radiology chaired by IADMFR Secretary General Reinhilde Jacobs, Industrial Partners forum allowing the participants

Report from Europe



to catch up on the most up to date developments in dentomaxillofacial radiology technology together with virtual booths.

The Congress was preceded by two refresher courses – on ultrasound imaging in dentomaxillofacial radiology as well as TMJ imaging. An Opening and Closing ceremony as well as a General meeting of the EADMFR were conducted. Despite the shortcomings of online events, some positive aspects should be mentioned. One of them is the possibility of hosting also many non-European delegates, from countries far from Poland – from Australia to Chile. The online format allowed participation despite limitations caused by pandemic restriction, increased costs of travelling and a decreased number of airline connections. The LOC would like to thank all who were part of this event – as organisers, lecturers, chairpersons, participants, and those behind the scenes, without whom the Congress would never have been possible to carry out!

Turkish colleagues were successful in organising an onsite Congress in Kusadasi, Izmir, Turkey from 19 to 22 October 2022, organised by the Oral Diagnosis and Maxillofacial Radiology Association in Turkey. During the Congress, invited speakers from Belgium, Denmark, Hungary, Norway, Poland, Sweden, Turkey, UK and USA contributed to the scientific and educational program with lectures, courses and ultrasound hands on. The Congress was an excellent opportunity to learn, to remind ourselves that conferences are not only work, but also a chance to meet old colleagues and get to know new ones, brainstorm and come up with new ideas that will result in future collaborations and projects.

We would like to congratulate Kaan Orhan as the President of the Oral Diagnosis and Maxillofacial Radiology Association and Congress President, and his team for creating this opportunity for Turkish and international participants. European colleagues are also very touched by the granted Honorary Memberships of this Association to both Ingrid Różyło-Kalinowska and Bjorn Bamse Mork Knutsen. Ingrid has contributed to education and collaboration within DMFR in Turkey – and she has even learned Turkish. Bamse, who passed away in 2019, was also an extraordinary personality, very well known to many IADMFR members as one of the main organisers of the 2013 International Congress of Dentomaxillofacial Radiology in Bergen, Norway, and he also had an ongoing research project with colleagues in Turkey.

The preparations for the online IADMFR World Tour in May and June 2023 and the Headquarters event in July 2023 in Brussels are ongoing.

E.g., the scheduled date for streaming from Europe is 26 May 2023. Please mark all the dates of the Congress in your calendars and be prepared to register and submit abstracts!

Best wishes from the European directors,

Eva Levring Jäghagen, Umeå University, Sweden

Ingrid Rózyło-Kalinowska, Medical University of Lublin, Poland



Some of the IADMFR members at the ODMFR Congress



Ingrid with the Local Organising Team of the ODFMR, chaired by Kaan Orhan



Tore receiving honorary membership on behalf of Bamse.



Ingrid and Kaan during the opening ceremony



Kaan during workshops

Eva lecturing



Dear Colleagues,

We are honoured to write this first report as the current Latin America Regional Directors. We hope to fruitfully contribute to IADMFR to continue the work of our predecessors and friends.

In June 2022, a virtual congress organized by ALARID (Latin American Association of Oral and Dento-Maxillofacial Radiology) was held. This congress was carried out by Dr. Margarita Sonn (Mexico, president of ALARID) and Dr. Vania Fontanela (Brazil). Among the speakers that participated, Drs. Reinhilde Jacobs, Rose Ngu, Ruben Pauwels, Waldemar Daudt Polido and other specialists in the area stand out. Some of the topics covered were: artificial intelligence in radiology, digital flow for implantology and orthognathic surgery, interpretation of imaging cases, and others.

ALARID is the association that brings together all the societies and specialists in oral and maxillofacial radiology in the region and is scheduled to hold a face-to-face congress in Santiago de Chile for 2023.

The Chilean Society of Oral and Maxillofacial Radiology, whose president is Dr. Alejandro Hidalgo, continues its tradition of holding monthly meetings, the first Wednesday of each month. During the previous years, these meetings have been online, but as of next December the sessions will be hybrid. An important group of colleagues who will meet in the auditorium will welcome the new specialists in oral and maxillofacial radiology trained at Chilean universities, and will also recognize specialists with an outstanding career, recognizing them as honorary members.

The Venezuelan Society of Dento-Maxillofacial Radiology and Imaging also holds monthly scientific meetings. Its president, Dr. Francisco Penella, directs sessions that are held with international guests on the 8th of each month, as a way of remembering the day X-ray was discovered by Professor Wilhem Conrad Röntgen in 1895.

Report from Latin America



Some of the topics covered this year have been: Tips for Writing a Clinical Case (Dr. Ana Isabel Ortega), Contemporary Vision of Sleep Apnea (Dr. Roberto Maciel), Systemic Bone Neoplasia with Manifestations in the Jaws (Dr. Wilson Delgado) and Images by Head and Neck MRI; Fundamentals, Applications and Case Analysis (Dr. Guillermo Concha).

In late October, the 13th CONABRO (Congress of the Brazilian DMFR Association) took place in the green city of Goiânia. The organizing committee succeeded in addressing each of CONABRO's bases: people, science, and technology. Around 1,300 participants marked three days with the happiness of meeting face-to-face again after two years without onsite events due to the pandemic. Fifty-one keynote speakers fulfilled the scientific agenda, followed by festive social events at the sound of local country music and others. Twenty-five companies exhibited their latest developments in the expositors' area. In this report, you can see some photographs from the event.

During ABRO's annual assembly, the current board has been re-elected under the presidency of Dr. Maurício Barriviera, whom we congratulate and wish success in his new term. The next ABRO event (23rd JABRO) will be held in Ribeirão Preto, 180 miles from São Paulo. Further information and dates will be disclosed in due time.

We finish this first report wishing you a joyful Christmas and a healthy and peaceful 2023. We look forward to meeting you online during our IADMFR World Tour that starts in May 2023 from São Paulo and onsite in lovely Brussels, Belgium.

Kind regards,

Grethel Brown, Panamá.

Guillermo Concha, Chile.

Sergio Lins de Azevedo Vaz, Brazil.



Coffee Break



Social Event



Dr Saolo Sousa Melo

Dr William Scarfe



Greetings from Saudi Arabia and the Middle East.

Dear Colleagues,

This is the final newsletter for this year and the IADMFR is in the preparation for the World Tour 2023 and the election of the new board of directors. Our region has been active thanks to all our members and the collaborative efforts of supporting organizations and individuals. There are many opportunities ahead of us for more improvements and higher level of service and achievements for our specialty. It's up to us to take the lead and initiatives and be the best we can.

Some of the activities from our region are as follows:

Report from the Middle East



The OMFR Division of King Saud University in Riyadh, Saudi Arabia organized four webinars on OMFR which were open freely to the public and were presented by Prof. Asma'a Al-Ekrish and several distinguished international speakers: Dr. Abeer Hadidi, Prof. Shumei Murakami, and Dr. Abeer Al-mashraqi. The webinars were well-attended nationally and internationally. More monthly webinars are underway (<https://www.facebook.com/groups/1378101865913746>). The division also organized a series of webinars on Basics of Oral Radiology for Dental Radiology Technicians.

On the Radiology Day (8 November 2022), the Oral and Maxillofacial Radiology Department at King Abdulaziz University Dental Hospital will organize a public event titled "X-Ray: The Eye of the Doctors".

The recently established Egyptian Maxillofacial Radiology Alliance (EMRA) embarked on its mission by organizing the first specialized OMR congress in Egypt and the region in collaboration with the British University in Egypt from 24th to 27th November 2022. The congress slogan "A 3D Imaging Journey for Every Dentist" aims at bringing together oral radiologists, specialists from all other dental fields as well as providers of dental imaging equipment and services, creating a dialogue that aims at an advanced and practical perspective of imaging of the craniofacial complex, leading to better dental

practice and patient care. More about EMRA's mission, scientific activities and upcoming congress is available through its website and social media channels:

www.EMRAeg.org

www.facebook.com/EMRAeg

www.instagram.com/Egymra2022



Members' News:

Dr. Mustafa Alkhader, Jordan University of Science and Technology, Irbid, Jordan, has been promoted to full professor; and participated with an oral presentation titled "Knowledge and attitudes of Jordanian and Polish dental interns toward Cone beam CT", and a poster presentation titled "Effect of monitor bit depth on the visibility of the mandibular canal at dental implant sites: A cone beam CT study"; during the 4th International Congress of Oral Diagnosis and Maxillofacial Radiology Society, Izmir, Turkey (Oct. 2022).

Finally, we would like to thank all those who support the mission and vision of DMFR in our region and the IADMFR at large.

Sincerely,

Dr. Emad A. Khan, BDS, MS, MSc (Med Ed), PhD, FAGD, Dip. ABOMR

IADMFR Middle East Regional Director

Assistant Professor and Consultant

Division of Oral and Maxillofacial Radiology

Dept. of Oral Diagnostic Sciences

King Abdulaziz University – Faculty of Dentistry, Jeddah, Kingdom of Saudi Arabia

Greetings from North America!

The 2022 Annual Session of the American Academy of Oral and Maxillofacial Radiology (AAOMR) was held from September 7th to September 10th in Portland, Oregon, USA. It was the first official in-person AAOMR Annual Session since the combined IADMFR/AAOMR meeting in Philadelphia in 2019.

With almost 200 registrants consisting of AAOMR members, non-members and residents, the 2022 Annual Session offered more than 20 hours of continuing education covering innovative imaging, educational as well as clinical topics. As has been the tradition, the first day of the meeting was dedicated to clinically focused Head & Neck and Neuroradiology topics presented by our colleagues in the medical field. This year the subjects included the role of nuclear medicine and molecular imaging in oral and maxillofacial diagnosis; odontogenic findings on emergent neuroimaging studies; and, spatial approach to head and neck space radiologic diagnosis.

During the remaining days of the meeting, OMFRs and dental specialists presented on topics such as artificial intelligence in radiology, temporal bone IADMFRv51n1.bmp IADMFRv51n1.bmp imaging, incidental findings in CBCT, static and dynamic oropharyngeal airway analyses and radiologic applications in forensic dentistry. We were delighted to have the American Dental Association president-elect Dr. George Shepley join us with an update on the ADA's activities. Dr. Kristine Mosier presented the H. Cline Fixott Oration, during which she presented her journey and accomplishments in the field of Head and Neck radiology as an OMFR radiologist. And Dr. Sanjay Mallya presented the S. Julian Gibbs Oration, with an update on the current and future trends of our specialty and the successful implementation of these new practices. We also had the Early Career OMR/ Resident networking sessions and the OMFR residents' lunch and learn sessions for the current residents and recent graduates.

Report from North America



Please plan now to attend the 2023 AAOMR Annual Session in Atlanta, Georgia, USA between October 16th and October 19th, 2023! There will be ample opportunity for all of us to meet and network.

See you there and stay safe!

Dr. Jeffery B. Price and Dr. Saulo L. Sousa Melo
IADMFR Regional Directors for North America



Incoming ADA President
Dr. George Shepley



Incoming ADA President Dr. George Shepley and outgoing AAOMR President Dr. Anita Gohel



Past AAOMR President Sanja Mallya, Outgoing AAOMR President Anita Gohel, Incoming AAOMR President Don Tyndall and AAOMR President-Elect Erika Benavides



AAOMR Annual Session attendees, including IADMFR North American Director Dr. Saulo Sousa Melo and Past IADMFR President Jie Yang

Greetings from Canada! Salutations du Canada!

Last year when the AAOMR's COVID-19 guidelines were published in January 2021 (<https://doi.org/10.1016/j.oooo.2020.10.017>), we hoped that the vaccines would be effective and perhaps even close this chapter on COVID-19. Unfortunately, we are now approaching COVID-19's third anniversary. Although, the global dental lockdown of 2020 and early 2021 was replaced by a return to the delivery of the full gamut of dental services to our communities, which included "new normal radiology" (doi: [10.1016/j.identj.2022.05.002](https://doi.org/10.1016/j.identj.2022.05.002)), in the midst of the continuing pandemic, we now know that when the pandemic ends it is very likely to become an endemic, requiring us and our patients to be regularly vaccinated in the same manner as we already are vaccinated for the "flu" (influenza).

In addition, COVID-19 has also changed how we practice from scheduling our patients, our clinical dress and our systems of work. Many of us have completely upgraded our offices/practices with better ventilation and sterilisation. Although COVID-19 exacted a terrible death toll leaving many others suffering its sequelae included long COVID, it has prepared us better for the next zoonotic disease. In addition to bird (avian) flu which has threatened us over the last few years, requiring destruction of domestic fowl populations in some countries, we now have to contend with the Monkeypox virus which, while causing deaths in some adults, has raised health concerns among the primary schoolers. Furthermore, Ebola is now back; this time in East Africa.

In my valedictory contribution to the newsletter, I wish Dr Rose Ngu a successful presidency and Professor Reinhilde Jacobs and IADMFR a successful "World Tour." I also extend my immense gratitude to my fellow directors, other officers and past-presidents for their fellowship and kindness.

Respectfully submitted,

Professor David MacDonald; Canada

Outgoing North American Director

G'day from Australia

Spring has arrived down under and the beautiful wildflowers are starting to bloom here in Perth. Fortunately, life is starting to return to somewhat of a normality with removal of travel restrictions. Many of us have taken the opportunity to reconnect with our family, friends and colleagues once again in person.

During the past year, there have been a couple of oral and maxillofacial radiologists appointed to university positions. Dr Dayea Oh has joined Drs Raahib Dudhia, Bernard Koong, Daniel Selim and myself at the University of Queensland, School of Dentistry, further strengthening the teaching of the DMFR program. Dr May Lam has also joined the staff at the University of Western Australia, School of Dentistry. Along with Dr Dayea Oh, they provide teaching of maxillofacial radiology to the DMD students. It's encouraging to see more oral and maxillofacial radiologists involved in teaching within Australian universities.

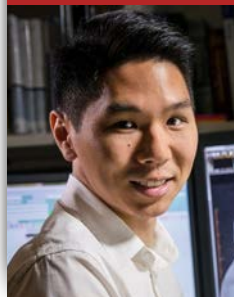
Lastly, the AADMFR will hold its first face-to-face annual general meeting since 2019 on 12 November 2022 in Brisbane, Australia. We look forward to catching up with our colleagues in person.

Best wishes,

Dr Tom Huang

IADMFR Australasian Director

Report from Australia



Forthcoming Meetings

May–July 2023

IADMFR World Tour

Various locations globally

Virtual with closing onsite event 6-8

July, Brussels

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