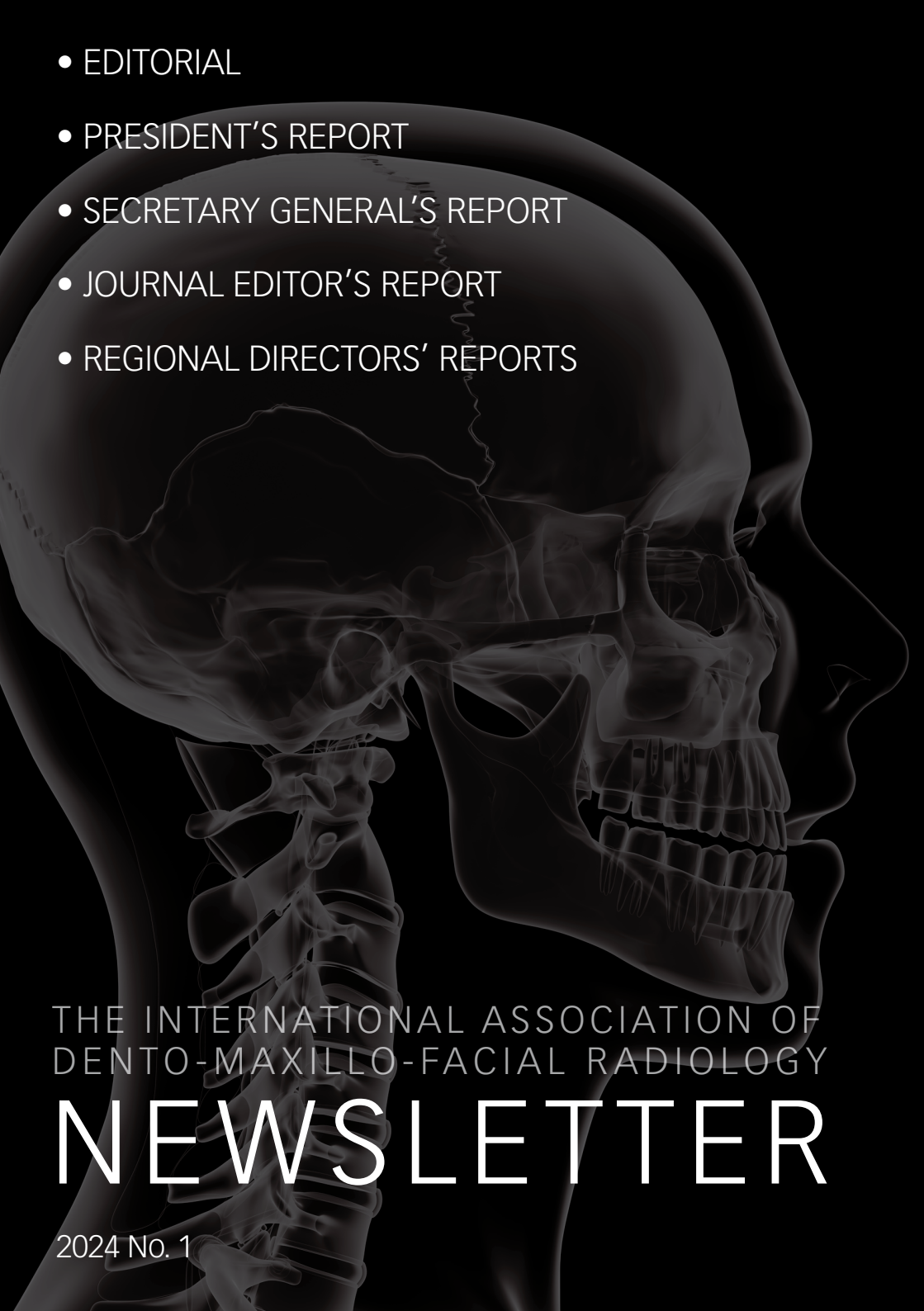


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THE INTERNATIONAL ASSOCIATION OF
DENTO-MAXILLO-FACIAL RADIOLOGY

NEWSLETTER

2024 No. 1

IADMFR

25th Congress

London 2025

Royal Society of Medicine, 1 Wimpole Street, London W1G 0AE



I A D M F R

24-25 JUNE 2025

www.iadmfr2025.org

Abstract submission
NOW OPEN

24th-25th June

25th Congress of IADMFR

Registration opens at the beginning of 2025 with limited places.

26th-27th June

Head & Neck Imaging 2025

Annual Meeting of BSHNI & RSM

Meeting held in conjunction with **British Society of Head & Neck Imaging (BSHNI)**.

A rare opportunity to hear experts from the field of Dental & Maxillofacial and Head & Neck Imaging at the same venue.



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Dear Colleagues,

As we reflect on the past year, the International Association of DentoMaxilloFacial Radiology (IADMFR) has made significant strides in advancing our field. Our global community has engaged in numerous webinars and collaborative research projects, fostering innovation and knowledge sharing.

In June 2024, we had the privilege of attending the European Congress of DentoMaxilloFacial Radiology (ECDMFR) in Freiburg, Germany. This event provided a platform for sharing groundbreaking research and fostering collaborations across Europe. We also had chance to promote our next congresses (Figure 1).

Looking ahead, we are excited to announce the 25th IADMFR Congress, scheduled for June 24th and 25th, 2025, at the Royal Society of Medicine in London. This event promises to be a cornerstone for professionals in our discipline, offering a platform to discuss the latest advancements and research. Following the Congress, the British Society of Head & Neck Imaging and the Royal Society of Medicine will hold their joint annual meeting at the same venue on June 26th and 27th, 2025. This scheduling provides a unique opportunity for delegates to benefit from both events at a reduced member's rate. please visit the official Congress website at iadmfr2025.org and follow our Instagram page [@iadmfr2025_london](https://www.instagram.com/iadmfr2025_london).

Looking further ahead, we are pleased to announce that the 26th IADMFR Congress will be held in Antalya, Turkey, in 2027. This event promises to be a cornerstone for professionals in our discipline, offering a platform to discuss the latest advancements and research. For more details and updates, please visit the official Congress website at iadmfr2027.org and follow our Instagram page [@iadmfr2027](https://www.instagram.com/iadmfr2027).

We encourage all members to participate actively in these events, as your involvement is crucial to the continued growth and success of our association. For more details and registration information, please visit the official Congress website.

Thank you for your ongoing dedication and contributions to our field.

Sincerely,

Kaan Orhan
President-Elect, IADMFR



Figure 1. Participants and members of IADMFR promoting next congresses.

IADMFR 2027
26th INTERNATIONAL CONGRESS of
**DENTO-MAXILLO-FACIAL
RADIOLOGY**

05-09
MAY 2027

IADMFR
2027

Antalya, Turkiye

www.iadmfr2027.org

Report from the President



Dear Colleagues and Friends,

2025 is a very exciting year for our association with programmes planned by IADMFR! We are working hard on our preparations for IADMFR London 2025. We can't wait to see you all again. I would like to take this opportunity to give you some tips for the London congress.

There are lots of tourists currently visiting London to the various places around the city. We have noticed the trend in London throughout this year. It is a great opportunity for our congress next year. Follow us on weekly updates on our Instagram account: IADMFR2025_London.

Abstract submission is now open and please do not wait for last minute submission – the closing date is on 15th December 2024. You can choose between oral and poster presentations and there are prizes to be won. For all those who are submitting abstracts, we hope to give you the results in January 2025. We will then need you to confirm by registering for the meeting by the end of February, which will confirm your place in our programme. The early bird registration with Royal Society of Medicine will be open in January / February 2025 to facilitate this.

Thank you for all the abstracts that we have received so far. A kind reminder to everyone who is planning to submit or who has submitted, please ensure that the abstract is not generated by AI as this would be checked and automatically rejected. If anyone has submitted using AI, please kindly revise the abstract and resubmit. All abstracts that are accepted for inclusion will need to have a valid IADMFR membership and the author will need to register for the congress by the end of February 2025. Failure to register will result in removal of the abstract.

January 2025 is just around the corner please make a note to join or renew your membership of IADMFR to get a remarkable reduced rate for the congress and make use of your full year membership and enjoy the benefits that come with it!

By registering early, you will also be able to apply early for a visa to come into the UK if necessary. The UK is a very popular tourist destination. For a money saving tip, book your flight and accommodation early to get the best and cheapest deals. As transport links in London are very good you can stay anywhere in London to get affordable deals or find fantastic hotels in the city that suit your needs and budget. Our venue for the congress is the Royal Society of Medicine which is right in the heart of London. The closest Underground station is Bond Street which is less than

a 5-minute walk from the venue. Bond Street is part of a long busy shopping street, a heaven for shopaholics. It is served by 2 Underground lines: the Jubilee Line (Grey line) and Central Line (Red line). These lines allow you to travel very quickly to the venue and there are numerous places to stay along them. The Jubilee line also allows us to connect to London Bridge for our Gala dinner.

As for our programme, our collaboration with the British Society of Head and Neck Imaging (BSHNI) leads us to an exciting platform of various topics such as the salivary glands, paranasal sinuses, facial pain, trauma, dental maxillofacial imaging and infection, across multiple imaging modalities (e.g. US, MRI, CBCT, CT). We also have the new addition to our programme of a 5km morning run in Hyde Park on Wednesday 24th June. For those who are interested, do not forget to bring your running shoes and sign up for this!

A little note on registration: the registration process will be slightly different from previous IADMFR meetings. We want to bring you an affordable congress so you will be allowed to choose the days and the social events that you want to attend with both societies. A guide to the early bird registration fee is this would be well below 450 Euros that was the registration fee for IADMFR Brussels 2023. This will be available only for a limited time. Please look out for the programme in January / February 2025. We are planning an evening welcome reception on Tuesday 24th June and a sit-down Gala dinner on Wednesday 25 June 2025.

The last time IADMFR was in London was 40 years ago. If you have not been to London or wish to visit London again then why not come and join us to create a memorable meeting next year! There is a limited number of places for the meeting and social events so please register as soon as you can to avoid disappointment. When it is sold out, it is sold out!

For those who wish to stay on in London and into the tennis, Wimbledon will be starting on 30th June 2025. June and July are very popular months for concerts, theatres and sporting events so please look into this for your visit to London and book ahead to avoid disappointment.

The local IADMFR organising committee looks forward to welcoming you to London. If you have any queries please do not hesitate to get in touch by email at icdmfrlondon2025@gmail.com.

Wishing everyone a Merry Christmas and a Happy New Year 2025!
Best wishes,

Rose Ngu
President, IADMFR

Report from the Secretary General



Dear IADMFR Friends!

After the great IADMFR worldtour event in 2023, we continued offering to all our members the well-attended monthly webinars. With speakers coming from different backgrounds and a variety of interesting hot topics, we succeeded reaching members in all continents. At each of these events new members joined, while strengthening our IADMFR family. The IADMFR is grateful to all speakers with a special thank you to the entire team behind such smooth organisation (BIR team, IADMFR educational track team, Bernadetta Della Croce). Most thanks are due to our IADMFR Director of Education Jeff Price, who is professionally chairing these – for him – very early morning sessions, thereby creating a high-quality branding as well as a cosy atmosphere of homecoming. Our educational track team with Sergio Lins, Karla de Faria Vasconcelos and André Leite meanwhile continue working hard to compose an interesting webinar

programme for the next 2 years. At the same time, they are coordinating a high-quality IADMFR educational track programme with the first graduates expected to be finishing their track in 2025. The IADMFR board on behalf of the IADMFR association greatly appreciates all those efforts and initiatives, making the educational programme a true success story.

Obviously, IADMFR family and friends should also initiate possibilities to meet physically. At the IADMFR board meeting in Freiburg in June 2024, it was decided to continue our efforts for rejuvenation by offering unforgettable physical events in 2025, meanwhile widening the IADMFR vision and horizon. The envisaged events should allow IADMFR to grow with new members joining our attractive events at incredible places and to allow successful industrial partnership and great opportunities for exhibitors to join our organisational events.

To broaden the IADMFR horizon in 2025, our members will be offered events in two iconic cities at reduced member registration fees. To widen our dentomaxillofacial radiology expertise, we kick off inviting you on 24–25 June 2025 for the London IADMFR congress at the Royal Society of Medicine, held in conjunction with the British Society of Head and Neck Imaging (<https://www.iadmfr2025.org/>). To widen our digital imaging expertise, we continue our journey by meeting jointly with the worldwide Digital Dentistry Society, in the Lido in Venice, 15–18 October 2025

(<https://digital-dentistry.org/>). The President Rose Ngu, the IADMFR board and the local organising teams are doing a huge job to get this all realised offering unforgettable IADMFR times for all of you.

To keep riding on the wave of success, our President-Elect Kaan Orhan and the entire IADMFR board are proudly announcing that we should already keep our calendar free for the IADMFR congress from 5–9 May 2027 in Antalya, Turkey (<https://www.iadmfr2027.org/en/>).

Looking forward to meeting all of you soon!

Reinhilde Jacobs
Secretary General, IADMFR

Editor's Report 2024

Over the last 5 years, AI has become one of the most relevant topics for submissions, and also for articles published in our journal. Table 1 highlights the most cited articles over the last 5 years. What is striking is that 60% of these top-cited articles are related to AI. This nicely emphasizes the relevance of this topic for our specialty – and we want to remain at the forefront of this innovative field.



When looking at current submissions on AI in our specialty, we can see that these are mostly focusing on narrow tasks for AI in the field of dento-maxillofacial radiology. These tasks might include aiding detection of anatomical landmarks or adjunctive diagnostic tools for various pathologies in the cranio-facial region. Nevertheless, we should be aware that AI includes much more, and might also have disruptive potential when thinking about the implementation of transformers into our workflows. Just as a food for thought: will AI write our

radiographic reports in the future? Will our practice secretary be free for other tasks?

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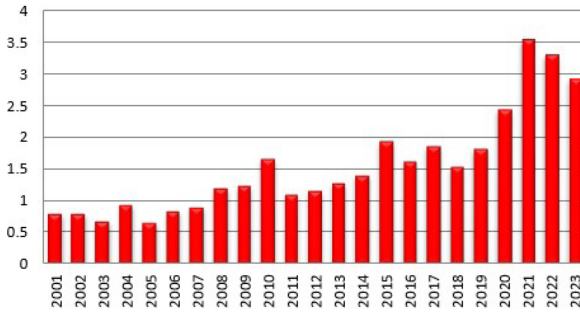
We will thus hopefully see submissions related to AI widen in the sense that they also tackle issues of implementation of these tools in private practice. Only by proving their use in the wider dental sector, will we really assure a true digital transformation related to AI. Furthermore, we also need articles related to ethical aspects of AI use in dento-maxillofacial radiology and also beyond to insure proper handling of the data.

Regarding the status of our journal in the field of dental journals, I am also pleased to report that the journal impact factor of our journal has seen only a slight decrease to 2.9. This is particularly impressive at a time when most other journals within the medical field saw a significant decrease in their respective impact factor. In fact, *DMFR* has risen in the category rankings and has entered the first quartile in the 'dentistry, oral surgery and medicine' category where it now sits 30th out of 157 journals, compared to last year when it was 30/92 journals. This is a great achievement and something we should all feel proud of. *DMFR* also sits comfortably close to the top of the second quartile in the 'radiology, nuclear medicine & medical imaging' category (now 60th out of 204 journals, compared with 48/135 last year). Regarding the journal impact factor, please remember that you can actively help *DMFR* to rise even higher in the rankings by citing our excellent articles in your research.

Table 1: Top 10 most cited papers (total citations) published in the past 5 years

Article Title	Article Type	Publication year	Total citations
Tooth detection and numbering in panoramic radiographs using convolutional neural networks	Research Article	2019	261
The use and performance of artificial intelligence applications in dental and maxillofacial radiology: A systematic review	Systematic review	2020	186
A deep-learning artificial intelligence system for assessment of root morphology of the mandibular first molar on panoramic radiography	Research Article	2019	172
Osteoporosis detection in panoramic radiographs using a deep convolutional neural network-based computer-assisted diagnosis system: a preliminary study	Research Article	2019	108
Automatic diagnosis for cysts and tumors of both jaws on panoramic radiographs using a deep convolution neural network	Research Article	2020	96
The maxillary sinus: physiology, development and imaging anatomy	Review Article	2019	92
Cone beam computed tomography in dentomaxillofacial radiology: a two-decade overview	Review Article	2020	73
Use of fractal analysis in dental images: a systematic review	Systematic review	2020	67
Cervical vertebral maturation assessment on lateral cephalometric radiographs using artificial intelligence: comparison of machine learning classifier models	Research Article	2020	65
Cone beam CT imaging of the mandibular third molar: a position paper prepared by the European Academy of DentoMaxilloFacial Radiology (EADMF)	Review Article	2019	61

DMFR Impact Factor



Our journal's publisher, British Institute of Radiology (BIR), has commenced a new publishing partnership with Oxford University Press (OUP) and since January 2024 *DMFR* and all of our high quality content is hosted on the OUP journals platform: <https://academic.oup.com/dmfr>.

The publishing team at the

BIR have been working hard with OUP to ensure IADMFR members and all our readers have seamless access to our great content. If anyone has any questions about this, at any point, you should contact Tami Potten, Co-Head of Publishing (Journals) at the BIR and she will be happy to help. IADMFR members should still access the journal via the IADMFR website, as has always been the case.

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, Canada, China, Cyprus, Czech Republic, Finland, Germany, Greece, Hungary, Ireland, Italy, Japan, Kenya, Lithuania, Netherlands, Norway, Poland, Qatar, Saudi Arabia, Slovenia, South Africa, Spain, Sweden, Switzerland, Turkey, UK and USA. Authors affiliated with eligible institutions can publish their work open access at no cost to the authors themselves. To date, 61 *DMFR* articles and author groups have benefited from this. Please see the following link to the website for more details regarding eligibility: <https://academic.oup.com/pages/open-research/read-and-publish-agreements/participating-journals-and-institutions>.

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 dento-maxillofacial radiology and all subspecialties and branches of our wonderful field.

With my best regards,

Michael Bornstein
Editor, *DMFR*

Major Development

One of our goals in the present dispensation is the establishment of an umbrella group for Oral and Maxillofacial Radiologists in Africa. Three members of IADMFR from Egypt, South Africa and Nigeria, viz: Dr Nora Saif, Prof. Muhammad Parker and Prof Tunde Bamgbose, respectively, began the conversation on the establishment of **African Academy/Association of Dentomaxillofacial Radiology** in November 2023. We have also drafted a constitution that has been circulated to Egypt, South Africa, Ghana, and Nigeria, and we are receiving positive reviews and commentaries.

The Academy will enable us to engage in academic endeavors that may harmonize our training programs. On the other hand, an association will simply enable a common ground to relate.

A few months ago, we brought Ghana into the fold, and many postgraduate students in South Africa and Nigeria have also embraced the idea of African Academy/Association of Dentomaxillofacial Radiology. The excitement is palpable.

It is our hope that Africa will decide between an Academy or Association shortly, and we can make a formal presentation of our name and purpose at the IADMFR CONGRESS LONDON 2025, for ratification and official recognition.

Developments in North Africa

We are thrilled to announce Egypt's premier conference dedicated to the transformative field of Artificial Intelligence (AI) in dentistry, titled "The AI Revolution in Dentistry. Current Trends & Future Outlook" This event aims to be a landmark gathering for professionals eager to explore the transformative power of AI in our field.

Event Details:

Dates: January 28-31, 2025

Location: Cairo, Egypt

Our carefully curated scientific program will focus on the groundbreaking

Report
from Africa



applications of AI in dentistry, providing attendees with practical knowledge and insights into the latest advancements. Each session will feature esteemed expert speakers from around the globe, ready to share their invaluable perspectives and expertise. A particularly fascinating highlight will be discussions on how modern imaging techniques are unveiling the mysteries of Egyptian mummies.

Egyptian Maxillofacial Radiology Alliance (EMRA) is also eager to announce new partnerships aimed at promoting AI research in dental applications within Egypt. Additionally, we will showcase the latest work and published research from the EMRA lab.



We warmly invite you to join us for this extraordinary event and be part of the conversation shaping the future of dentistry! Visit EMRA's website for more details: <https://www.emraeg.org/> or simply view the EMRA Conference @ a Glance booklet via the QR code attached.

Together, let's explore how AI can revolutionize dentistry, enhancing patient care and advancing our field.

Best regards,

Dr Nora Saif

Assoc. Prof. Oral & Maxillofacial Radiology, Cairo University

Founder & President, Egyptian Maxillofacial Radiology Alliance

Developments in South Africa

Greetings from South Africa! It is indeed my pleasure to put together the report for the IADMFR Newsletter on behalf of the South African role players. The discipline of Maxillofacial and Oral Radiology is flourishing at all 4 Dental Faculties in South Africa. At the University of the Western Cape Maxillofacial Radiology is now part of a newly amalgamated Department of Craniofacial Biology, Pathology and Radiology. The Department was fortunate recently to receive a donation of a CBCT machine from VATECH. The Department of Maxillofacial Radiology at the University of Pretoria is in the process of a major renovation. The department has also recently acquired a portable ultrasound machine.

There is a definite increase in the number of postgraduate students in Maxillofacial Radiology at all four Dental Faculties. At the University of the Western Cape there are 3 Masters students, two just graduated in September 2024. At the University of Pretoria there are 6 Masters students, 4 in the first year of study and 2 in the second year of study. The department is also involved in the

training of 10 specialists in other disciplines. There is also one PhD student who has submitted her dissertation for examination. At the University of Witwatersrand there is one MSc student in Maxillofacial Radiology. At Sefako Mkgatho Health Sciences University the Department of Oral and Maxillofacial Radiology collectively supervises 6 Masters students and 2 PhD students.

Through internationalization initiatives the various institutions are in the process of developing international partnerships. Dr Charne Smit of the University of Pretoria was a keynote speaker at a symposium hosted by the University Tartu in Estonia. Dr Suvarna Inderman from the University of the Western Cape attended the AAOMR meeting in Honolulu, Hawaii.

All the faculties have also been involved in continuing education programs to promote Maxillofacial Radiology amongst the profession.

There has also been a steady increase in the number of publications in Maxillofacial Radiology in South Africa.

There is a lot of excitement in the potential formation of an African Association of Maxillofacial Radiology.

I would like to thank all the South African colleagues for the information provided for this report.

Kind Regards,
Prof. M.E.Parker
Past Secretary General, IADMFR

Contributions received from:

Dr Shoayeb Shaikh – University of Pretoria

Dr Jaco Walters – University of Western Cape

Dr Koketso Tshite – University of Witwatersnd

Dr S. Rajbaran Singh – Sefako Nakgatho Health Sciences University

Developments in Ghana

Oral and Maxillofacial Radiology at the University of Ghana Dental School was established during the beginning of the clinical training in Dentistry in Ghana, that is since 1996. A robust training programme has thus been going on at the undergraduate level for about 28years, included in the Department of Oral Diagnosis (together with Oral Pathology and Oral Medicine).

Training at the postgraduate level has, however, not started, primarily because we have not yet established an independent faculty in Oral and Maxillofacial Radiology and secondly due to lack of teachers.

Our course description comprises:

- A series of lectures covering the fundamentals underlying the science of diagnostic imaging as well as the core principles of image production and interaction of x-rays and interpretation. The lectures include the basics of radiation biology, radiation protection and production of the radiograph.
- Theoretical and practical instruction on the projection of intra- and extra-oral radiographic views of the jaws and the skull, as well as specialized imaging/ scans of the head and neck region is taught.
- Perception and the appearance of normal tissues on the plain radiograph and specialized images, which include Magnetic Resonance Imaging (MRI) and Computerized Tomographic (CT) Scan, Sialography, Ultrasonography and Cone Beam Computerised Tomographic (CBCT) Scan.
- Diagnosis of pathology using these images produced.
- Presentation of a log book which is assessed.

Our method of teaching during the second clinical year has been formal lectures, practical sessions and slide sessions. Students are evaluated through In-course Assessment, End-course Assessment which together make up 30% of the final mark; and the Part II BDS Examination which consist of Multiple-Choice Questions (MCQ), essay and slides picture examination which together form 70% of the final exam mark. Pass mark of 60% is required.

The undergraduate students have performed very well through the years. There is a keen interest of the postgraduate residents in the specialty of Oral and Maxillofacial Radiology.

Our desire is to develop faculty, which we are working hard to achieve.

Prof. Grace Parkins
Course Coordinator, University of Ghana Dental School

A Trainee's Perspective on DentoMaxilloFacial Radiology in West Africa

As a dentomaxillofacial radiology trainee at Aminu Kano Teaching Hospital (AKTH) in Kano, Nigeria – the only institution in West Africa offering specialized training in this field – I feel both excited and responsible for the role I'm stepping into. Under the guidance of Prof. Bamgbose, my journey has been both inspiring and challenging.

My interest in dentomaxillofacial radiology was sparked by a passion for the power of medical imaging – and maybe a little because it seemed cool (I won't lie). The ability to visualize and interpret the complex structures of the face and jaws really captured my imagination. In Nigeria, where specialized imaging services are often limited, I quickly realized the significant impact this field could have on patient care. This drive to bridge the gap between advanced diagnostic imaging and the needs of patients in my region is what led me to pursue this specialization.

Training at AKTH has been a truly unique experience. Being part of the only institution in the entire West African region offering this specialized training carries a lot of weight. As trainees, we're not just learning the fundamentals of radiology; we're part of a broader effort to pioneer its development in a region that urgently needs more resources, training, and outreach.

A major highlight of my training has been the mentorship from experts who are shaping the future of dentomaxillofacial radiology globally, across Africa, and specifically in Nigeria. My trainer has been a constant source of knowledge and inspiration, offering us access to international webinars and learning opportunities. His leadership role as the Regional Director of IADMFR ensures that our training program stays connected with the latest global advancements, positioning us to be part of the innovative wave transforming the field.

Of course, training in a resource-limited environment like ours comes with its challenges. Access to the latest technologies, like cone beam computed tomography machines and 3D sonography, which could significantly impact patient care, can be inconsistent. The cases we handle often reflect the socioeconomic realities of the region. But these challenges have taught me to be resourceful and find ways to deliver quality diagnostic care with the tools we have available.

The potential for dentomaxillofacial radiology in Nigeria – and across Africa – is enormous, especially when it comes to improving diagnostic accuracy and patient outcomes. As trainees, we're not just focused on clinical practice; we're advocating for better access to these services, pushing for more funding for health institutions, and seeking expanded training opportunities. We're ready to play a major role in extending radiological services from urban centers to underserved rural areas.

Personally, I see immense potential in teledentistry. This technology could really help connect patients in remote areas to the specialized care they need. In the future, I hope to be part of initiatives that expand these services across West Africa, ensuring that more people have access to the care they deserve.

As I continue my training, I'm filled with optimism about the future of dentomaxillofacial radiology in Nigeria, West Africa, and the entire continent. Our region is on the cusp of growth, and I'm excited to be part of a movement that will see this field expand and thrive across Africa.

I'm deeply grateful to my mentors, especially my trainer, whose leadership and dedication have been key to shaping my journey. Being part of the IADMFR community has given me a sense of belonging in a global network that's united by a common goal: improving patient care through advanced imaging.

Together, we're not just training the next generation of specialists; we're building the foundation for a brighter future in healthcare, both in Nigeria and beyond.

Dr Sabir Mohammed Iya
Dentomaxillofacial Trainee (Senior Resident Doctor),
Aminu Kano Teaching Hospital

The Conclusion

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I wish to appreciate the support of my colleagues in putting this report together for Africa. Dr Nora Saif (Egypt), Prof Muhammad Parker (South Africa), and Prof Grace Parkins (Ghana) have been so supportive and cooperative on our shared values and common goal. I appreciate you very much.

The postgraduate dentomaxillofacial trainees have also been very helpful in writing this report. I admire their enthusiasm towards the establishment of the African Academy/Association of Dentomaxillofacial Radiology. Their positive response was a confirmation that we were on the right track on the idea of an Academy/Association.

I should mention Dr Sabir Iya who wrote a report on the only dentomaxillofacial radiology postgraduate training program in West Africa. Nigeria is ready to partner with other West African countries for manpower development in the specialty of Oral and Maxillofacial Radiology. We can do this through the West African College of Surgeons, the umbrella Postgraduate College for all the specialties of Medicine and Dentistry in West Africa.

Lastly, we shall work hard to conclude our discussion on the African Academy/
Association, so that we can make a presentation at the IADMFR CONGRESS
LONDON 2025

Yours truly,

Tunde Bamgbose
IADMFR Regional Director, Africa

Report from Asia

Dear Colleagues and IADMFR Members: Greetings from Asia

How are you doing as the year draws to an end? Though the weather changes later than usual, the northern Asian countries have begun to experience cooler temperatures, and the rainy season has just approached in Southeast Asian countries this November. We hope you are able to find some warmth and enjoy the upcoming holiday season. With that said, here's some recent Asian headlines to share with you.



In Japan, the Japanese Society of Oral and Maxillofacial Radiology held the 5th Autumn Conference of the Japanese Society for Oral and Maxillofacial Radiology from October 25th to October 27th in Morioka, Iwate, Japan (Fig. 1). Congress President Ryoichi Tanaka, Professor at Iwate Medical University, organized the event, which included two educational lectures, three workshops, a public lecture, 35 oral presentations, and a special gala dinner. Approximately 200 participants attended this meeting, where we learned from a variety of research and educational sessions and enjoyed the experience.



In Hong Kong, The Hong Kong University Dentistry has been producing Massive Open Online Courses (MOOCs) (Fig. 2) on Dento-Maxillofacial radiology for the general dental community around the world. The first courses launched in January 2024 were 2D and 3D Modalities for Diagnostic Imaging in Dental Medicine. The second course, CBCT – Impact, Limitations and Possibilities in Dental Medicine, in August 2024. The last course is scheduled for launch next January. (<https://www.edx.org/search?q=hku+dmfr>).

HKU Dentistry sincerely looks forward to your visits to the website as well. The postgraduate program, Master of Science in Oral and Maxillofacial Radiology & Diagnostic Imaging, was opened this September. This one-year full-time program consists of Common Core Courses, Discipline Specific Courses, Medical Science Courses, and Research Components. There are also several updates regarding the academic staff's development. At the 37th Annual Scientific Meeting of the International Association for Dental Research Southeast Asian (IADR-SEA) Division in Singapore, Prof. Gaphy Kuo Feng Hung, Assistant Professor at HKU Dentistry, joined the OMFR team and presented research on the impact of low-dose CBCT protocols on the visibility of the mandibular canal and how these low-dose images might influence clinicians' treatment decisions for impacted mandibular third molars (Fig. 3). Prof. Andrew Kyle Nalley (Fig. 4) was appointed Clinical Assistant Professor

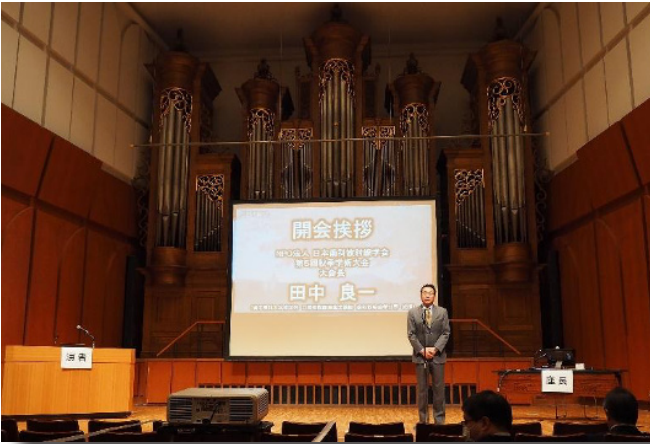


Figure 1. Congress President Prof. Ryoichi Tanaka at the 5th Autumn Conference of the Japanese Society for Oral and Maxillofacial Radiology. The beautiful autumn color tree in Morioka City.

Figure 2. The Hong Kong University Dentistry Massive Open Online Courses (MOOCs) team.

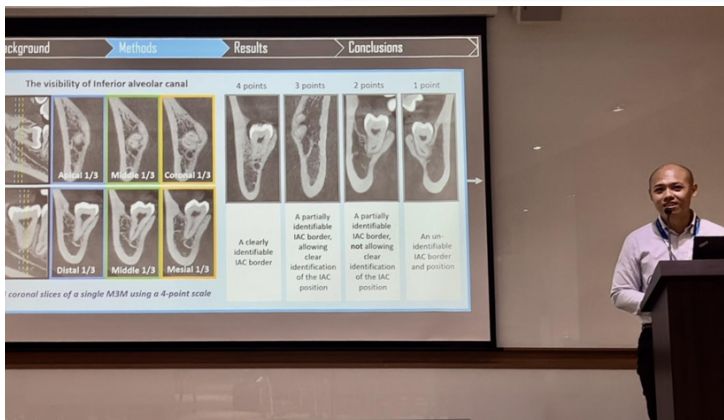


Figure 3. Prof. Gaphy Kuo Feng presenting at the IADRSEA Singapore.

at HKU Dentistry, and joined the OMFR team in August 2024. Last but not least, (Fig. 5) Dr. Andy Yeung has been recognized as among the world's top 2% scientists for the year 2024 in the latest rankings released by Stanford University.

In Malaysia, Prof Dr. Zainul Ahmad Rajion of Kulliyah of Dentistry (Fig. 6), International Islamic University Malaysia (IIUM), presented at the 4th International Conference on Dental, Medical and Health Sciences (ICDMHS) 24th – 26th September 2024, Putrajaya Kuala Lumpur, on the title Three Dimensional CT Findings in Patients with Cleft Lip and Palate. Dr. Ahmad Badruddin Ghazali of IIUM (fig. 7) also delivered a lecture: "Unveiling the Hidden: Mastering Panoramic Radiography for Dental Diagnosis at the 11th Southern Dental Congress, October 10-12, 2024, Berjaya Waterfront Hotel, Johor Bahru, Malaysia. The audience consists of Dental practitioners from across Malaysia and neighbouring regions. The event was organised by Malaysia Dental Association (Southern Zone). The recent event of the launch of the 'Manual of Plain Digital Oral Maxillofacial Imaging' book (Fig. 8) marks a significant milestone in the field of digital oral and maxillofacial radiology. The highly anticipated book launch took place at Al-Biruni Hall, Faculty of Dentistry, Universiti Teknologi MARA Sungai Buloh Campus, Malaysia on 7th October 2024. As the need for digital transformation in dentistry has become an inevitable force, the theme for the book launch 'Waging War on Analogue Film' was nothing but a spot on. The editors are Professor Dr Mohd Yusmialdil Putera Mohd Yusof and Dr Nor Hidayah Reduwan, supported by the chapter contributing authors, Associate Professor Dr Ilham Wan Mokhtar, Associate Professor Dr Annapurny Venkiteswaran, Associate Professor Colonel (Retired) Dr Ikmal Hisham, Associate Professor Dr Mas Suryalis Ahmad, Associate Professor Dr Nik Mohd Mazuan Nik Mohd Rosdy and Dr Nurul Whahidah Azmi.

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In India, The Metal ions 2024 International Conference, chaired by Prof. Sunali Khanna, concluded successfully at the Nehru Science Centre, Mumbai, following three days of intellectually engaging sessions and lectures. This interdisciplinary event was notable for addressing critical public health challenges and emphasizing the significance of clean surroundings. The conference attracted a dynamic mix of leading experts, professionals, and students, all eager to discuss key topics in oral medicine, radiology, artificial intelligence, environmental issues, and public health. The Metal ions conference continues to establish itself as a prestigious forum, bringing together diverse perspectives to tackle critical challenges in science and healthcare.

In Indonesia, The Indonesian Society of Oral and Maxillofacial Radiology (IKARGI) held 11th National Symposium from 11th to 13th July 2024 in Jakarta, Indonesia (Fig. 9). There were 11 main lectures, 71 short presentations (case reports and original articles), 8 hands-on sessions, annual meeting, and a special gala dinner.



Figure 4. Prof. Andrew Kyle Nalley.

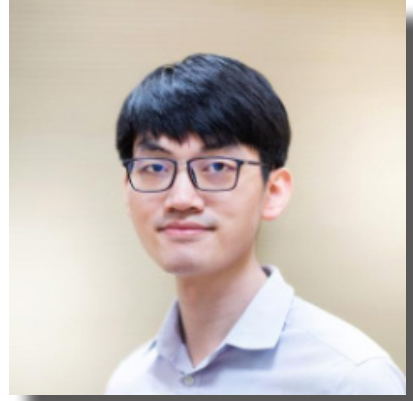


Figure 5. Dr. Andy Yeung.

Figure 6.

Prof Dr Zainul Ahmad Rajion speaking at the 4th International Conference on Dental, Medical and Health Sciences (ICDMHS) 24–26 September 2024, Putrajaya Kuala Lumpur.



Figure 7.

Dr Ahmad Badruddin Ghazali speaking at The 11th Southern Dental Congress on 10–12 October 2024.

We are honored to have invited international guest lecturers which are prof. Yoshinori Arai from Nihon University School of Dentistry, Dr Suresh Ludhwani from Karnavati Dental College Gandhinagar, and Dr. Cassiano Ricardo F Pires from University of São Paulo. Approximately 180 participants from different specialist programs joined the symposium and we were exploring creativity through enhanced imaging technology in continuing education and research through the topic of this event. Besides the symposium, the local-based scientific of Indonesian Society of Oral and Maxillofacial Radiology events were held in approximately 30 separate events throughout the year.

In South Korea, On Saturday, October 19, 2024, the Korean Academy of Oral and Maxillofacial Radiology (President Hangmoon Choi) held its 2024 Autumn Academic Conference at Chonnam National University School of Dentistry (Fig. 10). The conference featured a wide range of research papers and case presentations, beginning with a talk by Suh-Woo Yoo (Seoul National University) on "CACNet for Automatic Robust Classification and Segmentation of Carotid Artery Calcification on Panoramic Radiographs Using a Cascaded Deep Learning Network," followed by Professor Yonghee Kim (Hallym University) presenting "Lemierre's Syndrome Following Tooth Extraction: A Case Report." Keynote lectures were delivered by Professor KyungMin C. Lee (Chonnam National University), who spoke on "AI-Driven Orthodontics: Automated Hard and Soft Tissue Landmark Detection on 3D Facial Volume Imaging Using the 3D U-Net Algorithm," and Distinguished Professor Hyungseok Kim (Chonbuk National University), who explored "Semantic Graphics as an Efficient Annotation Tool of Human Ideas for Neural Network Learning," providing deeper insights into AI research. At this conference, Ji-Soo Lee (Pusan National University) received the Best Presentation Award at the 2024 Autumn Academic Conference of the Korean Academy of Oral and Maxillofacial Radiology for her study titled "Classification of Fusion and Gemination in Dental Panoramic Images Using Deep Learning."

In Taiwan, the 14th ACOMFR was successfully completed by the TAOMFR team at the International Convention Center of Kaohsiung Medical University from June 12-15, 2024 in Kaohsiung, Taiwan. There were around 300 international and domestic participants coming from 12 countries. The event encompassed a full day of pre-congress tour (June 12) and two and a half day's oral and e-poster presentations (June 13-15) on various topics (Fig. 11-14). You can follow the event's photos at the following websites: <https://www.facebook.com/acomfr2024> , <https://acomfr2024kaohsiung.com>, and video at the following link: <https://www.youtube.com/watch?v=oKheWnpDsz0>.



Figure 8. (From Left to Right: Dr Nurul Whahidah, Associate Prof. Dr Annapurny, Dr Nor Hidayah, Prof. Dr Mohd Yusmiadil, Associate Prof. Dr Ilham and Associate Prof. Dr Mas Suryalis at the the launch of the 'Manual of Plain Digital Oral Maxillofacial Imaging' book.



Figure 9. The Indonesian Society of Oral and Maxillofacial Radiology (IKARGI) held 11th National Symposium from 11–13 July 2024 in Jakarta, Indonesia.

The Annual Meeting and General Assembly of the Taiwanese Association of Oral and Maxillofacial Radiology (TAOMFR) was also held in the afternoon on June 15. Prof. Wen-Chen Wang was elected as the President of the 9th TAOMFR (2024-2026) in the director meeting on the same day (Fig. 15).

We wish you a joyful holiday season and new year. All the Best!

Menik Priaminiarti and Naoya Kakimoto
IADMFR Regional Directors, Asia



Figure 10. The Korean Academy of Oral and Maxillofacial Radiology with President Hangmoon Choi, held the 2024 Autumn Academic Conference at Chonnam National University School of Dentistry.



Figure 11. Group photo of the 14th ACOMFR.



Figure 12. Prof. Li-Min Lin presented certificate of invited speaker to Prof. Rose Ngu.



Figure 13. Secretary General of ACOMFR, Prof. Junichi Asaumi did speech.



Figure 14. ACOMFR E-poster presentation.

Figure 15. Taiwanese Association of Oral and Maxillofacial Radiology (TAOMFR) team.



Report from Australia



Greetings from Sydney, Australia!

Spring has arrived in Sydney, and the city is coming alive with the spectacular bloom of jacaranda trees, painting our streets in vibrant shades of purple. It's a season of renewal and inspiration, and I'm excited to share some updates from our activities in Dentomaxillofacial Radiology (DMFR) at Sydney Dental School.

At Sydney Dental School, our team continues to deliver comprehensive DMFR teaching, covering both fundamental and advanced aspects of dental imaging. We strive to provide our students with the skills and knowledge needed to excel in the evolving field of dental radiology. Looking ahead, we are thrilled to announce plans to incorporate artificial intelligence (AI) into our dental imaging curriculum next year, preparing our students for future technological advancements.

We recently hosted our annual School Research Day, a fantastic opportunity to showcase ongoing projects and engage with cutting-edge research. We were honoured to have a keynote address (**figure 1**) from a renowned radiation scientist who spoke on the potential harms associated with X-rays and the comparative benefits of MRI. His talk highlighted the innovative work his team is undertaking, particularly the development of an open MRI machine with promising applications in dentistry. This advancement could pave the way for more detailed, safer imaging options for dental patients.



Wishing you all a joyful holiday season and a festive time with loved ones.

Here's to a productive and successful year in 2025!

Warm regards,

Shwetha Hegde
IADMFR Regional Director, Australia-New Zealand

Dear Colleagues,

It is autumn/winter in the northern hemisphere and spring/summer in the southern, which means that it is time for a new issue of IADMFR's Newsletter. Here is the report from the European Directors.

This year, the biannual European Congress of DentoMaxilloFacial Radiology (ECDMFR) was organized in Freiburg Germany, June 13–15th 2024. It was hosted by the Academy in collaboration with the local organising team chaired by Dennis Rottke.

This is a very important event for the community of dentomaxillofacial radiologists, and many IADMFR members from all over the world participated in the meeting. After the IADMFR 2023 World Tour, which concluded with a short onsite event in Brussels, this year it was finally possible to organize the Congress in a completely onsite format, including a pre-congress course on June 12th. The event was composed of everything that guarantees a successful meeting – keynote lectures, oral sessions, poster presentations, an interactive case discussion session, industrial partners forum, an industrial exhibition, and a gala dinner. In total, 250 colleagues attended the meeting, representing 38 different countries, who got the opportunity to immerse into the latest advancements in dentomaxillofacial radiology.

To meet onsite was a relief after years with the Covid pandemic, when it was not possible to organise the congress at all (Jerusalem, 2020) or only a virtual meeting could be organized (Lublin, 2022). Now, it was time to reconnect with friends and meet new colleagues face to face.

During the Congress the honorary membership was awarded to Madeleine Rohlin, who was chairing the local organizing committee of the first official EADMFR meeting in Malmö, Sweden, 2004. This also means that the EADMFR celebrates its 20th anniversary in 2024.

We sincerely congratulate the whole local organising team with special thanks to Lisa and Dennis Rottke, and the always indispensable AIM team lead by Bernadetta Della Croce.



It is also our pleasure to announce that the next Congress of EADMFR will take place in June 2026 in Iasi, Romania. We hope to see many members of the IADMFR at the meeting, so please add Romania in June 2026 to your calendar.

Another important activity of the EADMFR, is the Junior Meeting. The 9th Junior Meeting will be organized in Porto, Portugal, February 2nd– 5th, 2025, with Ana Paula Reis Durão serving as the chair of the local organizing committee. The aim of the Junior Meeting is to promote



Figure 1. EADMFR Board.

dentomaxillofacial radiology in Europe, and to increase interest in this field among colleagues in specialist training, MSc- or PhD-studies. By the time this report is submitted, approximately 30 junior EADMFR members will be selected and get the opportunity to meet, learn, exchange experiences and network. Both of us European directors are also members of EADMFR's Junior Committee, and we are preparing for the meeting hoping it will provide an excellent opportunity for the participants to meet lecturers and colleagues from various countries and to share their knowledge and experiences. The Junior Committee aims are to create memorable and rewarding experiences for the participants. The time that has passed since the first JM in Umea, Sweden, 2014, has shown that the contacts established during the meetings last for years, and that a large proportion of the former participants turn into full members of the DMFR community, some of them even into board members of the national and international DMFR associations. They are active in research, education and promotion of our specialty, not only in Europe, but also worldwide. A report from the junior meeting in Porto will be presented by two of the participants during the next EADMFR in Romania, 2026.

In this report we are highlighting the importance of face to face meetings, however, webinars are also most useful and cost-effective when connecting continents in our field. Both IADMFR and EADMFR provided well-attended and appreciated webinars for their members during the past year. Furthermore, this July Ingrid Różyło-Kalinowska was invited by Babatunde O. Bambgose, who serves as IADMFR Regional Director in Africa, to deliver an online lecture on the use of ultrasound in maxillofacial diagnostics for Nigerian dentists.



Figure2. EADMFR – a happy Board awarding and celebrating honorary member Madeleine Rohlin.

Figure 3.
EADMFR 2024
exhibition area.



Figure 4. EADMFR
2024 (Freiburg)
and 2026 (Iași)
local organisers.

European grants are also helpful in bringing continents together. An example is the cooperation between Poland and Chile, including Ingrid and Guillermo Concha Sanchez, IADMFR Regional Director in Latin America, that resulted in an approved application for an Erasmus Plus scholarship. It resulted in a visit from Guillermo who came to teach pre-graduated students in the Medical University of Lublin in June 2024, while Ingrid visited Universidad de Los Andes in Santiago de Chile in October this year. Ingrid delivered lectures in dentomaxillofacial radiology to residents, specialists and dental professionals, from both Chile and Peru.

Finally, we wish you all a peaceful and happy New Year 2025, and hope to see you all in good health in IADMFRs coming meetings 2025.

Best wishes,

***Ingrid Różyło-Kalinowska and Eva Levring-Jäghagen
IADMFR Regional Directors, Europe***



Figure 5. Noah – the new generation!



Figure 6. Ingrid embracing the traditional Freiburg and Black Forest Bollen hat.

DMFR

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Report from Latin America



Dear Members,

We send you many greetings from Latin America. This year some activities have been carried out in our region, which we want to share with you.

From 1st to 4th May 2024, Dr Vania Fontanella and her team organised the CBCTeam experience event in the city of Gramado, Brazil. This edition also hosted a symposium from the Latin American Association of Dentomaxillofacial Radiology (ALARID). The event enrolled 200 participants from Argentina, Brazil, Chile, Colombia, Costa Rica, Mexico, Spain, Portugal, and the United States.

The programme included practical, iterative sessions, discussions, and conferences (Figures 1 and 2). A total of eight companies provided their support for the CBCTeam experience.



Figure 1. Session at the CBCT Experience, Gramado, Brazil.



Figure 2. Hands-on session led by Dr Flávio Manzi and Dr Maria Augusta Visconti.

The Brazilian Association of Dentomaxillofacial Radiology (Abro) is also organising its annual scientific event, Jabro. The 24th Jabro will be held in Balneário Camburiú, Brazil, from 13th to 15th November 2024. The organising committee anticipates an attendance of 800 participants, along with 25 companies and 20 lecturers. Dr Francisco Silva, President of the organising committee, aims that the 24th Jabro to be remembered for further strengthening the bonds among specialists and professionals within Brazil’s Oral Radiology community.

The Venezuelan Society of Dentomaxillofacial Radiology and Imaging (<https://www.svrid.org.ve/>) has developed its monthly webinars. Its president is Dr Valeria Gallego.

The Society of Oral and Maxillofacial Radiology of Chile (<https://sociedadradiologiaoral.cl/>) has continued to develop its monthly in-person meetings, under the direction of the President, Dr. Milton Ramos. Before the year ends, two meetings are scheduled to be held at the Universidad de Chile, in Santiago: VI Teaching Meeting of Oral and Maxillofacial Imaging, and the First Meeting of Specialists in Oral and Maxillofacial Imaging of the Public Sector in Chile.

In October 2024, Prof. Dr Ingrid Różyło-Kalinowska visited the Universidad de los Andes (Santiago, Chile). There she dictated classes for residents of the specialty of oral and maxillofacial radiology. She also taught a course on TMJ Magnetic Resonance for the community, after which she signed the spanish version of her book “Images of the Temporomandibular Joint”.



Figures 3 and 4. Prof. Ingrid Różyło-Kalinowska on her visit to Santiago, Chile, in October 2024.



We send you our best wishes for this end of the year, with the certainty of being able to meet in London and Venice 2025.

Grethel Brown, Panamá
Guillermo Concha, Chile
Sergio Lins de Azevedo Vaz, Brazil
IADMFR Regional Directors, Latin America

Dear Colleagues,

2024 has been a long and challenging year for the Middle East region. As we advance towards the end of 2024 and entering 2025, we hope for a better and peaceful year to the Middle East region.

The field of dentomaxillofacial radiology is experiencing significant growth and evolution in the Middle East. Implementation of developing techniques, such as Artificial Intelligence (AI) Integration: AI applications are revolutionizing dentomaxillofacial radiology by aiding radiologists in diagnosing conditions more efficiently. AI algorithms can analyze images for anomalies, thereby assisting practitioners in treatment planning and reducing the potential for human error. In the region there are several startup companies working in our field some of them we can meet in the coming RSNA meeting in Chicago, December 1-5, 2024.

Report from the Middle East



EMRA (Egyptian Maxillofacial Radiology Alliance) is hosting an international congress in Cairo, 28–31 January 2025, “The AI Revolution in Dentistry”, many of our international colleagues’ members of IADMFR are invited as keynote speakers. (<https://www.emraeg.org/>).

A promotional graphic for a congress. The background is dark blue with a network of white lines and dots. In the center is a glowing blue 3D model of a tooth. Text includes: 'THE AI REVOLUTION IN DENTISTRY', 'Current Trends & Future Outlook', 'EMRA EGYPTIAN MAXILLOFACIAL RADIOLOGY ALLIANCE', '28-31 Jan 2025 | Cairo Egypt', 'Triumph Luxury Hotel', and 'Waiting for You' in a cursive font. There is a play button icon in the center.

The COVID-19 pandemic accelerated the shift towards telemedicine, including tele-radiology. Practitioners in the Middle East are increasingly utilizing remote diagnostic services, enabling specialists to provide insights and analyses from afar, enhancing patient care.

The Middle East has seen enhanced efforts in education and training in dentomaxillofacial radiology. Numerous universities and dental institutions are now offering specialized programs and workshops to ensure practitioners are well-versed in the latest technologies and methodologies. Continuous medical education (CME) programs are promoting best practices among professionals. CBCT interpretation courses for General Dental practitioners are more available and these raise the awareness and interest in dentomaxillofacial radiology. These colleagues then understand the importance of dentomaxillofacial radiology practice and send their patients/scans for specialists' interpretation and consultation enabling additional recognition to our field.

As advancements in radiology continue, the need for robust regulatory frameworks becomes more critical. Various countries in the Middle East are working on establishing guidelines to ensure safe practices, patient data security, and ethical standards in diagnostics. Compliance with international radiology standards is emphasized to maintain the highest quality of care. Following ADA recommendations published early 2024, supported by the FDA that patient protection is no longer needed for maxillofacial imaging (Optimizing radiation safety in dentistry. Benavides E. et al. The Journal of the American Dental Association, Volume 155, Issue 4, 280 - 293.e4), the Dental Health Division, Israeli Ministry of Health, adopted these recommendations and in August published adjusted regulations accordingly. The difficulties implementing these recommendations are educating the patients to accept not being protected during dentomaxillofacial imaging after so many years with protection.

Dentomaxillofacial radiology is poised for exciting developments in the Middle East, driven by technological advancements, educational growth, and increased awareness of the importance of imaging in dental practice. By addressing current challenges, the region can further enhance patient care and ensure that it remains at the forefront of radiological innovation.

While the progress in dentomaxillofacial radiology is commendable, several challenges persist, public awareness and knowledge about the importance of dentomaxillofacial imaging remains limited in our region. Increased awareness campaigns are essential to promote the benefits of radiological assessments in preventing complicated dental and maxillofacial conditions. Many healthcare facilities in the Middle East still face financial constraints that affect their ability to invest in the latest radiological technology and training programs. Addressing these disparities will be crucial for advancing the field.

Dentomaxillofacial radiology is poised for continued growth in the Middle East in 2025, driven by technological advancements and a commitment to education. By addressing the current challenges and fostering collaboration among professionals, the region can enhance practice standards and ultimately improve patient outcomes in oral and maxillofacial health.

Looking forward to meeting you all next year in London at the **25th IADMFR Congress 2025**.

Silvina Friedlander
IADMFR Regional Director, Middle East

Greetings from North America!

The 2024 AAOMR Annual Meeting happened on October 16th to 19th in Honolulu, Hawaii. This year we celebrated the 75th anniversary of the academy and the 25th anniversary of Oral and Maxillofacial Radiology becoming an ADA-recognized specialty in the United States. It was a vibrant gathering where oral and maxillofacial radiologists, trainees, general dentists, and industry leaders connected, exchanged knowledge, and celebrated the profession.

This year's event boasted a program rich in learning, networking, and cultural experiences. The meeting commenced with a warm Aloha welcome from the AAOMR President Dr Vijay Parashar, and over four days, attendees gained insights from top-notch speakers on transformative topics in OMR, presented by AAOMR members. Dr Mel Mupparapu's Dr Gibbs Memorial Lecture captivated the audience with a deep dive into the intersection of human and artificial intelligence in diagnostic imaging, while Dr Anita Gohel's session on AI applications in radiology highlighted how these innovations are enhancing education and patient care. Other impactful lectures included Dr Husniye Demirturk Kocasarac's exploration of airway evaluation innovations and Dr Susanne Perschbacher's session on interpreting internal structures in pathology.

For early-career radiologists, a dedicated networking event provided invaluable connections. The meeting also included poster presentations and resident-led grand rounds, showcasing groundbreaking research and resident expertise, respectively.

Social events added a unique touch to the conference experience. The President's Reception on the Great Lawn set a welcoming tone, while Thursday's Hawaiian luau immersed attendees in the local culture. Celebrating AAOMR's 75th anniversary, Friday's awards banquet brought moments of reflection, appreciation, and recognition of contributions to the field.

We're already looking forward to another outstanding meeting in 2025, hosted on October 13th to 16th at the Ballantyne in Charlotte, NC. Be sure to mark your

Report from North America



calendars and join us for more professional development, camaraderie, and the latest advancements in oral and maxillofacial radiology. See you there!

In closing, just a couple of reminders. First is that our IADMFR (mostly) monthly global webinar series continues and we welcome your attendance!! And, please add to your calendar the IADMFR Congress in London which will have a continuing education series on Ultrasound. Check out the IADMFR website at <https://iadmfr.one/> for more information!!

Respectfully submitted,

Jeffery B. Price, William C. Scarfe and Saulo L. Sousa Melo
IADMFR Regional Directors, North America

**Peter Hirschmann
(1937-2024)**

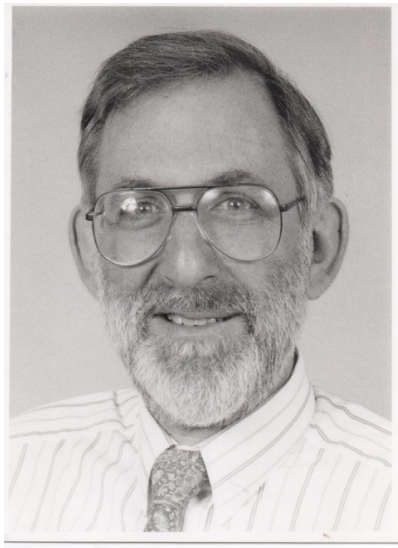
Peter Hirschmann, who has died aged 86, was a Dental and Maxillofacial Radiologist who served IADMFR as Editor-in-Chief of *"Dentomaxillofacial Radiology"* from 1988 to 2001 and who was awarded Honorary membership in 2003, after his retirement. He had a far-reaching influence on the development of the specialty of Dental and Maxillofacial Radiology in the U.K.

Peter Norman Hirschmann was born on 20th November 1937, to Samuel and Phyllis (née Samuels) Hirschmann. The family lived in Orpington, Kent, where Peter's father was a medical practitioner. The outbreak of war in 1939 led to his father being called up for national service, leaving Peter, his younger brother David and their mother for the duration. Peter was a bright boy and obtained a scholarship to Sevenoaks School, from where he went on to Guy's Hospital in London to study dentistry.

After qualifying as a dentist in 1961, Peter worked in junior hospital posts at Guy's. He obtained his Fellowship in Dental Surgery of the Royal College of Surgeons of England in 1965. He developed a research interest in Biochemistry and studied for a master's degree, awarded in 1967, and was successful in obtaining a three-year Medical Research Council Junior Research Fellowship to continue his work in the Biochemistry field, part of which was spent at Harvard University. It was there that he met Denise Duffy, whom he married in 1968 in Cambridge, Massachusetts. Peter returned to England with Denise, in the hopes of developing his academic career further and managed to obtain a position at the Turner Dental School at the University of Manchester. This post combined teaching and clinical work in the X-ray department, but also gave Peter some opportunities to continue with his research with colleagues in the medical school. It was fortuitous that this job opened a pathway for him into Dental Radiology, which became the professional focus for the rest of his career.

In 1978, Peter crossed the Pennines to start a new position as a Consultant at The Dental Hospital at Leeds (subsequently Leeds Dental Institute), with honorary status at Leeds University to recognise his contributions to teaching. From this point on, his ambitions in biochemistry research had to be put aside. His job included the leadership role in Radiology and clinical diagnostic dental work in the "front door" Admissions department, where Leeds folk with toothache would queue up each morning, along with patients with more esoteric conditions. This was also where undergraduate students were taught the diagnostic method and dental "first aid". Peter could be quite strict with students, and many former undergraduates will recall his exasperated voice saying, "it's not an X-ray, young man; it's a radiograph!",

but his insistence on systematic history taking and using investigations appropriately gave students an outstanding start to their careers. Peter faced some challenges from senior clinicians, who were unfamiliar with a consultant colleague who could fearlessly challenge their X-ray requests, but he had the will to stand his ground and introduce more rational use of radiology. For many years, Peter organised lunchtime educational sessions at Leeds, in which he had the ability to appear sound asleep for much of the lecture, only then to ask the most pertinent questions.



Peter served on numerous national committees and working parties that set standards for the use of X-rays in dentistry.

He served as President of the British Society of Dental and Maxillofacial Radiology (BSDMFR) twice, in 1989-91 and 2001-03, the latter period overlapping his retirement from clinical practice in 2001. Peter received the Diploma of Dental Radiology (DDR) of the Royal College of Radiologists in 1985, but he was awarded a Fellowship (FRCR) without examination in 1998 as recognition for his national status and work for the College. Peter was also one of the Expert Panel that developed the European Guidelines on Radiation Protection in Dental Radiology, published in 2004, in which his wisdom was highly valued.

In the international context, Peter is best known for his work as Editor-in-Chief of *"Dentomaxillofacial Radiology"*, a post he held from 1988 to 2001. According to Peter, "In retrospect, I became an editor by happenstance" when a bid to print the journal from the University of Leeds Printing Service proved to be the cheapest option. This led the then Editor-in-Chief, Stuart White, to offer Peter the position of Associate Editor. Subsequently, when Stuart White stepped down from the post four years later, Peter was the best placed person to take on the main role. Until then, the journal was biannual and had little recognition outside the IADMFR membership. During Peter's term of office, he steered the journal on a course to being a "Journal of Head and Neck Imaging", managing several unexpected changes of publisher before identifying a safe harbour with the British Institute of Radiology just as he retired. Peter had a policy of "interventionist editing", for example by meticulously checking manuscripts for use of English, and by asking perceptive questions of authors. One colleague (MR) has remarked that "Many times he asked, 'do you mean this, or something else?' In other words, he explained to us what we actually meant but had not considered, not even in our own language". The challenges of

the job would have exhausted most other people, but not him. The journal was obviously close to his heart, as was apparent when his former trainee (FC) came to Leeds for the first time to look at the job. She was told to look out for a man at the train station who, rather than having a carnation in his lapel, would be holding a copy of "*Dentomaxillofacial Radiology*".

While he built a successful career in Dental and Maxillofacial Radiology, Peter had a wide range of outside interests, particularly in the Arts, Music and Architecture. He had a love of ceramics and prints in particular. One of the authors of this obituary (KH) recalls being whisked away from a BSDMFR meeting in London so that Peter could share the delights of the Chelsea Art Fair. Peter was not only a consumer of the Arts, but he was often a Patron who provided both his time and money. Notably, he was a member of the Victorian Society from 1990 to 2014, chairing the West Yorkshire Group for a period of time. He was involved with the Leeds Philosophical and Literary Society, The Leeds Library (2008-2013) and the Friends of Bradford Art Galleries and Museums. He was an enthusiastic attender of Opera North, of which he was a Patron, and also supported other vocal and choral works. The garden at the family home in Adel, Leeds, was immaculate. Later, when he and his wife downsized to an apartment in Harrogate, Peter took on the role of caring for the communal gardens.

42 Apart from his professional and cultural contributions, Peter was a stimulating and cultivated person with whom to spend time. As one colleague (MR) said, "he was a gentleman, but with a twinkle in his eye when we had differences of opinion". Peter Hirschmann died on Monday 19th August 2024, and laid to rest in a quiet, green place in North Yorkshire ten days later. He leaves his wife Denise, their daughters Joanne and Catherine, and grandchildren Shoshana, Dalia, Oliver and Alexander, along with many friends and former colleagues, to mourn his loss.

Fiona Carmichael and Keith Horner

Thanks also to others who contributed their thoughts, memories and information about Peter's life, including Madeleine Rohlin, David Zeidman and, especially, Denise Hirschmann.

Forthcoming Meetings

24–25 June 2025

IADMFR 25th Annual Congress

London

24–25 June 2025, London, UK

<https://www.iadmfr2025.org/>

15–18 October 2025

IADMFR at Digital Dentistry Society

Lido, Venice

15–18 October 2025, Lido, Venice, Italy

<https://digital-dentistry.org/>

05–09 May 2027

IADMFR 26th Annual Congress

Antalya

05–09 May 2027, Antalya, Turkiye

<https://iadmfr2027.org/>

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