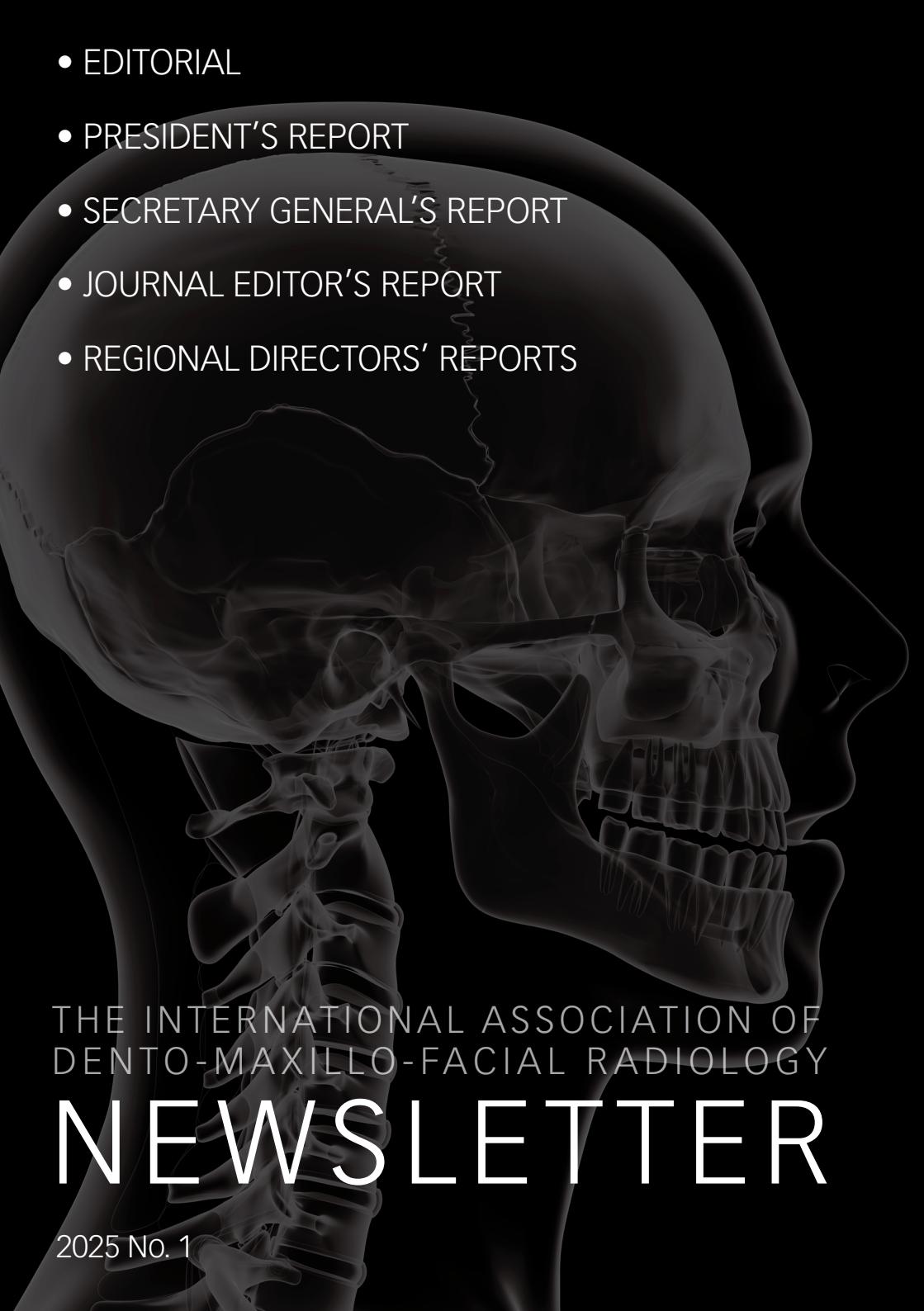


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- REGIONAL DIRECTORS' REPORTS



THE INTERNATIONAL ASSOCIATION OF
DENTO-MAXILLO-FACIAL RADIOLOGY

NEWSLETTER

2025 No. 1



05-09
MAY 2027



IADMFR 2027

26th INTERNATIONAL CONGRESS OF DENTO-MAXILLO-FACIAL RADIOLOGY

Antalya, Türkiye

www.iadmfr2027.org



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Editorial



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Dear Colleagues,

As we stand on the threshold of a new era for dental and maxillofacial radiology, IADMFR continues to grow not only as a scientific society but as a truly global community of collaboration, innovation, and friendship. The past months have shown how powerfully our shared passion for imaging and diagnostics can connect continents, ideas, and generations.

Following the successful London 2025 meeting (Figures 1, 2 and 3), we were recently able to meet again — this time in the inspiring atmosphere of Venice — where the Joint DDS Global Congress brought together pioneers of artificial intelligence, clinical imaging, and education. These gatherings are more than scientific events; they are celebrations of curiosity, creativity, and progress.

Our association is evolving dynamically. With the upcoming Antalya 2027 Congress already on the horizon, we aim to strengthen our educational tracks, expand opportunities for young researchers, and foster a culture of open science and interdisciplinary collaboration. Through our partnership with DMFR, new AI-driven initiatives, and our global webinar series with the IAEA, we are shaping the future of imaging together.

I invite all members — senior, junior, and students alike — to actively engage: share your work, mentor the next generation, and contribute to the visibility of our field. Every image, every dataset, and every conversation matters. Together, we illuminate the unseen. I would also like to wish a massive congratulations to our DMFR Editor, Prof. Michael Bornstein, for the tremendous success in taking the DMFR journal to the highest impact factor we have ever seen — 4.1!

A huge thank-you to Bernadetta Della Croce from AIM and especially to the team at the British Institute of Radiology (BIR), including Tami Potten — who are responsible for the publication of this newsletter. Without their dedication, it would not have reached print.

The next newsletter will welcome a new Editor, and I would like to wish Dr Nora Saif all the very best of luck. I could not have done this job without the generous support of Reinhilde Jacobs, Michael Bornstein, and all our previous and new Regional Directors — thank you all sincerely.

Lastly, may I wish all our readers a Merry Christmas and a Happy New Year.

I hope you will be able to take a little break to revitalise and nurture your wellbeing — both mentally and physically — to recharge for the coming year.

May the New Year bring us hope, inspiration, joy, happiness, and good health.

Stay safe and all the very best,

Kaan Orhan
President-Elect,
IADMFR

Figures 1, 2, 3.

Participants and members of IADMFR in London for IADMFR 2025 Congress.



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Report from the President



Dear Colleagues and Friends,

It was a great honour and pleasure to welcome you to the 25th Anniversary Conference of the International Association of Dentomaxillofacial Radiology (IADMFR), held at the prestigious Royal Society of Medicine in London on the 24th and 25th of June 2025.

This marked only the second time our meeting has taken place in London. The first being 40 years ago. The board convened in the historic Marcus Beck Library, and the board dinner was hosted aboard a boat cruising along the River Thames — an unforgettable evening with views of London's most iconic landmarks: Big Ben, the Houses of Parliament, MI5 Building, Battersea Power Station, the London Eye, The Shard, St Paul's Cathedral, Tate Modern, Shakespeare's Globe, Tower Bridge, the Tower of London, Canary Wharf, and many more.

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This year's congress was particularly special. It is "first" on many aspects. It was the first return to our traditional fully in-person IADMFR congress since the COVID-19 pandemic. The first-ever held in collaboration with the British Society of Head and Neck Imaging (BSHNI) and the Royal Society of Medicine (RSM). The congress lectures were specially planned to accommodate our head and neck radiologist colleagues. BSHNI, who then hosted their annual meeting at the same venue later that week, also had programmes especially for our dentomaxillofacial radiologists. This synergy enabled delegates to benefit from two rich, complementary scientific programmes — all while enjoying a visit to one of the world's most vibrant cities.

The inclusive and global spirit of IADMFR was fully evident, with 362 attendees joining us from 39 countries. For the first time we were fully booked! It was a heartfelt reunion for many in our IADMFR family — reconnecting after years of limited travel and uncertainty. The atmosphere was filled with joy, gratitude, and renewed enthusiasm for our field. Our thoughts remain with colleagues who, despite preparing to attend, were prevented from joining us due to last-minute political unrest in their regions.

The scientific programme was dynamic and engaging, featuring 19 lectures on topics including sustainable radiology, ultrasound imaging and workshop, and jaw diseases—complemented by expert-led panel discussions. Members actively contributed with 47 in-person oral presentations, 15 in-person poster sessions, and 62 displayed posters. A judging panel recognised excellence in these contributions, and 15 members received awards at the closing ceremony.

Our evenings were equally memorable. The Welcome Reception began with a vibrant "Call of Nations," showcasing flags and cultural memorabilia from around the globe. This was followed by a unique presentation from the Royal National Lifeboat Institution (RNLI) on their lifesaving work along the UK coast and how they keep us all safe when we are enjoying ourselves by and in the water. Their volunteers from the Tower Bridge RNLI station, including the spirited Dockyard Dogs, treated us to traditional sea shanties before we boarded the iconic red double-decker buses for a guided night city tour.

For those early risers, Wednesday morning featured IADMFR's first-ever sightseeing fun run around Hyde Park, passing landmarks like Buckingham Palace, Speaker's Corner, The Serpentine and Wellington Arch. That evening, our Gala Dinner was a true celebration, complete with entertainment from a talented West End performer — many of you danced the night away! We ended with a superb performance of "I Dreamed a Dream" from *Les Misérables*.

In 2019 we had a dream of hosting our event with the following aims to deliver a scientific congress that is affordable for all, a meeting in central London, professional collaboration, sustainability and less waste. We hope you agree that we have made this dream a reality.

We are deeply grateful to our exhibitors — Hospital Services Limited, Medray Group, Morita, NORAS MRI Products, Planmeca, and TMC — for their invaluable support and presence. Samsung for the US machine provided for the US workshop lecture.

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As President, I want to personally thank all of you — our long-standing and new IADMFR members from around the world and UK — who made the time and effort to attend. A special thank you to:

- Professor Michael Escudier, Dean of Dentistry, King's College London.
- All our invited keynote speakers and to Professor Frans Berkhout (Nobel Prize Winner) for his opening lecture.
- Our UK Scientific Committee led by Suk Ng and Edward Walker (Nick Drage, Keith Horner, Jackie Brown, Kirstyn Donaldson, Bhagyalakshmi Batchu, Niall O'Neill, Freya Smith-Jack, Phillip Seenan, Vishal Patel, Simon Haworth, Brandon Owen and Orlagh McPolin).
- All our session chairs from the UK and around the world.
- The RSM AV team for faultless projection and connecting the 2 rooms.
- The RSM catering team, led by Leonardo Rey, who kept us so well fed and refreshed.
- All our dedicated volunteers and behind-the-scenes supporters.

I'd also like to express my special thanks and deep appreciation to the following who helped us achieve our aims in making this a fantastic, sustainable, charitable,

enjoyable and affordable congress:

- The IADMFR Executive Committee, especially Secretary General Reinhilde Jacob.
- Ravi Lingam (President) and Ram Vaidhyanath (Vice President) of BSHNI.
- Eric Woo, President of the RSM Radiology Section, who made this all possible.
- Chike Dunkwu, Jane Moynihan and Tami Potten of British Institute of Radiology.
- Bernadetta Della Croce from AIM.
- The outstanding RSM events team, led by Andrea Torok & Ania Farthing.
- Adeline Chong Yue Qing for the congress logo, a budding young artist.
- Natcha Tanpoonkiat for compiling the Call of Nations, our youngest contributor from a secondary school.
- Matt Ray, the Dockyard Dogs and being our Night Bus Guide dressed as Napoleon, and the RNLI Tower Bridge team.
- Leandro Guimaraes, Night Bus Tour Guide, who stepped up.
- Jackie Macq, for a superb performance, being kind and generous.
- Jackie Brown & John Rout, Ria Radia, Fernando, Joanna Li and Ahmed Jassim, thank you for coming to the rescue.
- Wat Santiwongsaram who kindly lent us the photographic equipment.
- Pipat Tanpoonkiat and Rhys Lennard, our two fantastic photographers.

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Last, but by no means least, my heartfelt thanks go to my incredible right- and left-hand men, Lee Feinberg and Neil Henderson, who have worked tirelessly over the past two years. Your dedication and hard work have been instrumental in turning this dream into reality.

To my family, a huge thank you for your unwavering support throughout the years—through countless early mornings and late-night meetings, and for embracing IADMFR as part of our lives for six years. Thank you for patiently bearing it all and standing by me before, during, and after the congress.

We hope you all enjoyed the congress and our British hospitality.

We look forward to seeing you again soon — for the 26th IADMFR Congress in Antalya, Turkey. I recently handed over the Presidency in Venice to my good friend and colleague, Professor Kaan Orhan, and wish him and his team every success in hosting what I'm sure will be another unforgettable meeting.

Wishing everyone a Merry Christmas and a Happy New Year 2026!

Warmest regards,

Rose Ngu
President, IADMFR

Submit to *DMFR*

Publishing the very best research in
dental, oral and maxillofacial radiology

- Average time from submission to first decision: 14 days
- Constructive peer-review
- 2024 Impact Factor = 4.1
- Eminent, international Editorial Board
- Average time from acceptance to final online publication: 15 days
- Open access option
- Indexed on PubMed, ISI, Scopus and Embase



Report from the Secretary General



Dear IADMFR Friends!

2025 has been a remarkable year for IADMFR. We continued successfully organising our well-attended monthly webinars, with speakers from different backgrounds and a variety of interesting hot topics, we succeeded in reaching 100% satisfaction from the attending members around the globe. The IADMFR is grateful to all speakers, with a special thank you to the entire team behind the smooth organisation. Most thanks are due to our IADMFR Director of Education Jeff Price, who is professionally chairing all sessions, thereby creating a high-quality branding as well as a cosy atmosphere of homecoming for all members of the IADMFR family. At the same time, we are very grateful to our educational track team (Sergio Lins, Karla de Faria Vasconcelos, André Leite) for coordinating the high-quality IADMFR educational track programme with the first graduation ceremony at the occasion of the IADMFR-DDS meeting in Venice, October 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.

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The year 2025 was also marked by two unique and very successful meetings in two iconic cities (London and Venice). We congratulate and thank President Rose Ngu and her team for the fantastic meeting offered to all IADMFR members in London in June 2025. Next, from October 16th to 18th, Venice hosted the Digital Dentistry Society (DDS) Global Congress 2025, jointly organized with the IADMFR, welcoming over 1000 attendees from 70 countries under the theme "Dentistry between Artificial Intelligence, Mixed Reality and Robotics." Speakers from academia and industry presented cutting-edge applications in 3D imaging, AI-guided implantology, 3D printing, and digital workflows.

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

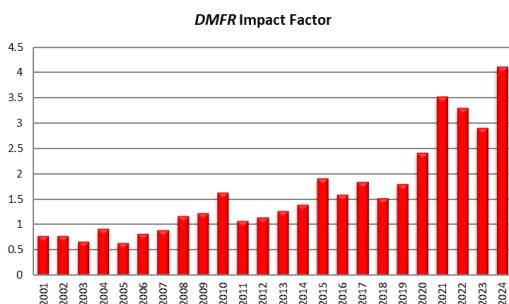
Looking forward to meeting all of you during our 2026 webinars and at IADMFR Antalya 2027!

***Reinhilde Jacobs
Secretary General, IADMFR***

In 2025, AI has established itself as the most relevant topic for submission to our journal, and also for articles published in our journal. The table overleaf highlights the most cited articles over the last 5 years. What is striking is that 80% (!) of these top-cited articles are related to AI. This strikingly emphasises the relevance of this topic for our specialty.

When looking at current submissions on AI in our specialty, we still 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 will very likely see that the focus of submissions related to AI will widen in the sense that they also tackle issues of implementation of these tools in private practice including also applications of large language models or multimodal AI. Only by proving their use in the wider dental sector, will we really assure a true digital transformation related to AI. Furthermore, we urgently need articles related to ethical aspects or guardrails of AI use in dento-maxillofacial radiology including teaching and research.

Report from the Journal Editor



Regarding the status of our journal in the field of dental journals, I am pleased to report that *DMFR*'s Journal Impact Factor has increased to 4.1 – the highest ever result in our journal's history. In fact, *DMFR* has risen in the category rankings and is comfortably in the first quartile in the 'dentistry, oral surgery and medicine' category, almost in

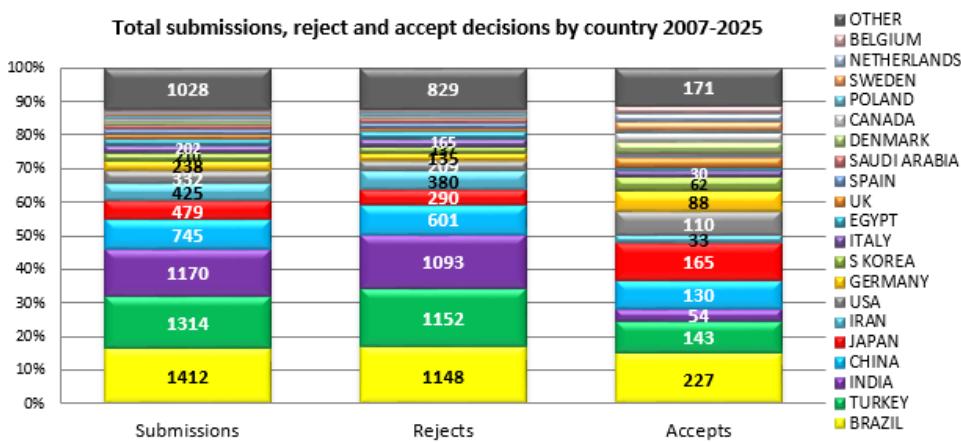
the top 10, where it now sits at 12 out of 162 journals worldwide, compared to last year when it was 30/157 journals. This is a great achievement and something we should all feel proud of. *DMFR* also entered the first quartile in the 'radiology, nuclear medicine & medical imaging' category (now 32 out of 213 journals, compared with 60/204 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
The use and performance of artificial intelligence applications in dental and maxillofacial radiology: A systematic review	Systematic review	2020	210
Use of fractal analysis in dental images: a systematic review	Systematic review	2020	111
Automatic diagnosis for cysts and tumors of both jaws on panoramic radiographs using a deep convolution neural network	Research Article	2020	107
Artificial intelligence in oral and maxillofacial radiology: what is currently possible?	Review Article	2021	99
Current applications and development of artificial intelligence for digital dental radiography	Review Article	2022	95
Cone beam computed tomography in dentomaxillofacial radiology: a two-decade overview	Review Article	2020	91
Refined tooth and pulp segmentation using U-Net in CBCT image	Research Article	2021	71
Artificial intelligence system for automatic deciduous tooth detection and numbering in panoramic radiographs	Research Article	2021	71
Performance of deep learning object detection technology in the detection and diagnosis of maxillary sinus lesions on panoramic radiographs	Research Article	2021	68
Cervical vertebral maturation assessment on lateral cephalometric radiographs using artificial intelligence: comparison of machine learning classifier models	Research Article	2020	66

DMFR and all of our high-quality content is hosted on the OUP journals platform: <https://academic.oup.com/dmfr> and as an IADMFR member you have access to all DMFR content as an important and valuable membership benefit. The publishing team at the BIR have been working hard with OUP to maximise the benefits of this partnership for *DMFR* and all BIR journals. If anyone has any questions about this you should contact Tami Potten, 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.

We are delighted to note that our international membership is reflected in the international nature of our journal and the chart below shows total submissions, reject and accept decisions by country for the period we have kept records on Editorial Manager (2007 to date), with the top 15 countries in all categories included. The chart highlights the breadth and variety of countries and regions from which our content arrives.



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, 75 *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>.

An important decision was made at the IADMFR Board meeting in Venice in October and relates to the print copy of the journal. Following consultation and discussion with the BIR and OUP, the decision has been made to move to an online-only format and we will cease printing *DMFR* from January 2027. In 2024, only 32 institutional subscribers opted for combined print and online access to the journal, with no print-only subscriptions. This is in line with the increasing shift towards digital subscriptions that OUP have seen across the journals that they publish, with readers and libraries displaying a strong preference for online-only. Moving to a solely digital format will not only offer a significant cost saving for IADMFR but will also contribute to a more financially and environmentally sustainable future for *DMFR*. As an IADMFR member you will continue to benefit from free online access to all *DMFR* content, which is how the vast majority of you consume our articles already and we know you will be supportive of the environmental benefits of this decision.

As a final note, I encourage all of our research community to submit your work to *DMFR*, read and cite our high-quality articles 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,

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Michael Bornstein
Editor, DMFR

Major Development

Having achieved our initial goal of creating awareness for the establishment of African Academy/Association of Dentomaxillofacial Radiology, we are now eager to embrace a new way of collaborations and professional support across Africa. Africa does not have a uniform curriculum for specialist training, but we are working together to improve the quality of our respective training curriculum. Dr Nora Saif is the Founder & President, Egyptian Maxillofacial Radiology Alliance, Prof. Muhammad Parker leads the South African subregion as well as being one of the most respected African voices in IADMFR and Prof. Tunde Bamgbose leads West African subregion and serves as the African Regional Director to IADMFR. The three regions made contributions to this report.

In preparing this report, the trainees also provided perspective on the training programs. Their contributions added color and depth to the report. Drs Bernard Ogbozor, Sabir Iya, and George Ewansiha shared their perspectives.

It was equally important to highlight the collaboration we have richly enjoyed with our colleagues in medical radiology. Prof. Anas Ismail obliged us to provide a brief report. Prof. Anas Ismail has been a great support and partner in the training of oral and maxillofacial radiologists in West Africa. From the implementation stages of our training program, we quickly realized the need for facility-sharing, especially because the oral and maxillofacial clinic could not have all the imaging machines needed for training. Equipment sharing requires a great deal of skills in professional and social relations. In West Africa, we have nurtured a rich understanding with our colleagues in Medical Radiology, and they have a clear understanding of who we are and the goals of our training.

As part of the training curriculum, our trainees undergo clinical posting in Radiation Therapy and Oncology Clinic. They also spend time in Nuclear Medicine Clinic. At the Medical Radiology Clinic, we focus on ultrasound, CT and MR images. In West Africa, we have successfully integrated PhD into our six-year residency training program.

Residency program is the bedrock of specialty training and manpower development in West Africa, and it is a continuous six-year clinical program that leads to the award of Fellowship of West African College of Surgeon, FWACS, identifying the Fellow as a specialist. It is the highest degree attainable. Recently, we have incorporated the PhD program for completeness and global uniformity.

Report from Africa



Another development in Africa is the establishment of Nigerian Association of Dentomaxillofacial Radiology, NADMFR. This Association will represent the interest of specialists practicing in Nigeria and the development has been communicated to the Dental Community through the Nigerian Dental Association.

Developments in North Africa

Local News – Egypt: Advancing AI Integration in Oral & Maxillofacial Radiology
This season, Egypt's Oral and Maxillofacial Radiology community has taken major strides in applying Artificial Intelligence (AI) to diagnostic imaging. Through workshops, research initiatives, and academic collaboration, AI is becoming an integral part of how dental and maxillofacial radiologists analyze and interpret imaging data.

Hands-On AI Radiology Workshops: Building Practical Skills

A key highlight of the season was a series of specialized workshops designed by the Egyptian Maxillofacial Radiology Alliance - EMRA, to help radiologists gain practical experience with AI tools in diagnostic imaging.

“Dent.py: Training Dental Models from Zero to AI Hero” provided participants with a comprehensive introduction to AI model development for dental and maxillofacial imaging. Led by Dr. Marwan Torki, Dr. Marwa Baraka, and Dr. Mahmoud Gamal, the workshop guided attendees through the full workflow—from data annotation using to image processing and model evaluation.

“AI for Dental Imaging: Hands-On Computer Vision” concluded with a Project Presentation Day, where participants demonstrated innovative applications of AI in radiologic imaging. Special thanks to Dr. Ahmed A. Torky for his expert mentorship in developing practical AI workflows for diagnostic imaging.

“CBCT Segmentation using 3D Slicer – Human vs. AI” led by Dr. Omar Koratum, offered participants direct experience in AI-assisted 3D segmentation and craniofacial modeling, emphasizing the synergy between human expertise and computational tools.

These workshops mark a significant step in integrating applied AI education into radiology practice.

AI Nexus 2025: Collaborative Progress in AI and Healthcare

At the CU AI Nexus 2025 conference organized by Cairo University, Egyptian institutions came together to advance the national dialogue on AI in healthcare.

The AI Center, Faculty of Dentistry, Cairo University, contributed to the panel “Building the Future of Healthcare: AI Diagnostics and Intelligent Platforms,” moderated by the



Figure 1. AIC-EMRA members at the closing ceremony of CU AI Nexus 2025



Figure 2. Faculty of Dentistry leadership and faculty members attending the AIC session at CU AI Nexus 2025, supporting discussions on AI in oral and maxillofacial radiology.

dedicated team of EMRA Members leading the AI Center, which explored AI's impact on diagnostic accuracy and data management in oral and maxillofacial radiology.



Meanwhile, the Faculty of Dentistry of The British University in Egypt (BUE) hosted "AI in Healthcare: Shaping the Future of Medicine," (**Figure 3**) featuring EMRA's Vice chair and President, Prof. Dr. Shehabeldin Saber and Prof. Dr. Nora Saif from BUE's AI Focus Team. Discussions emphasized collaboration between academia and industry, promoting AI literacy, and translating research into clinical benefit.



Figure 4. Dr Omar Koratum conducting the "CBCT Segmentation using 3D Slicer – Human vs. AI" workshop, providing participants with practical experience in AI-assisted 3D modeling.



Figure 5. Dr Ahmed A. Torky during the "AI for Dental Imaging: Hands-On Computer Vision" workshop, guiding participants through applied AI workflows for image analysis.



Figure 6. Dr Marwan Torki, Dr Marwa Baraka, and Dr Mahmoud Gamal leading the "Dent.py: Training Dental Models from Zero to AI Hero" workshop on building and evaluating AI models for dental imaging.

Computer Vision AI Lab Announced

A major highlight of the event was the announcement of the Computer Vision AI Lab at the Faculty of Dentistry—dedicated to AI-based analysis of CBCT, panoramic, and intraoral imaging. The lab will act as a hub for interdisciplinary research and clinical innovation.

From developing AI imaging models to launching a dedicated research facility, this season marks tangible progress for Oral and Maxillofacial Radiology in Egypt. Collaboration among radiologists, AI researchers, and academic institutions continues to enhance diagnostic workflows and foster innovation in imaging science.

Dr Nora Saif
Founder & President, Egyptian Maxillofacial Radiology Alliance

Developments in South Africa

Greetings from the University of the Western Cape (UWC)

The Department of Craniofacial Biology, Pathology and Radiology continues to thrive as a vibrant and dynamic teaching and research hub. Following the departmental merger in 2023, the Radiology Unit has continued to strengthen academic innovation, research, student engagement, and international collaboration.

At the postgraduate level, two students enrolled in the master's program in 2025 (one from Zambia and another from Libya) reflecting the growing regional and international interest in Maxillofacial Radiology.

Research, Conferences, and Recognition

UWC Radiology staff have been actively engaged both locally and internationally throughout 2025.

In June 2025, three UWC staff members — Dr Jaco Walters, Dr Suvarna Indermun, and Dr Leila Ebrahim — attended the 25th IADMFR Congress in London, joining the previous Head of Radiology, Prof. Mohammed E. Parker.



Figure 7. IADMFR London 2025: Dr Jaco Walters, Dr Leila Ebrahim, Prof. Parker, and Dr Suvarna Indermun.

Their presentations included:

- Dr Suvarna Indermun (Oral Presentation): "Grasp the Concepts: The Impact of 3D Models in Radiology Education." — Winner of the 1st Prize in the Artificial Intelligence and Technological Advances category.
- Dr Leila Ebrahim (Oral Presentation): "Not What We Nose-ually See: Incidental Olfactory Bulb Calcification on CBCT – A Case Report."

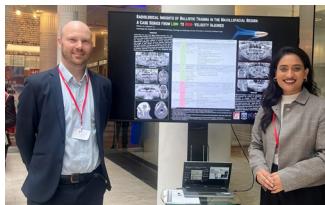


Figure 8. Dr Jaco Walters – IADMFR poster presentation.



Figure 9 (a, b). Dr Suvarna Indermun – IADMFR Oral presentation.



Figure 10 (a, b). Dr Leila Ebrahim – IADMFR Oral presentation.



In July 2025, Dr Suvarna Indermun served as an invited speaker for the ITI (International Team for Implantology) Curriculum Foundation Level Course, held at the Radisson Red Hotel in Cape Town on 4 July 2025. She presented a lecture titled “The ABCs of CBCT” (**Figure 11**).



At the Faculty’s Annual Research Day (August 2025), Dr Jessica Simpson presented her MSc thesis titled “Dental Practitioners’ Knowledge and Attitudes Towards Ultrasonography” (**Figure 12**).

In September 2025, several members of the Department attended the SORSA–IAFR (Society of Radiographers of South Africa and International Association of Forensic Radiographers) Joint Congress held in Cape Town (5–7 September 2025), including Dr Susan Chandler, Dr Marwa Aborass, Dr Suvarna Indermun, Ms Natalie Sprague, and Ms Joanna Palmer. Dr Suvarna Indermun was an invited speaker, presenting “Anything You Can Do, A(l) Can (for Better)? A Look into AI in Dental Radiography.”

In October 2025, Dr Jessica Simpson and Dr Suvarna Indermun presented at the International Association of Pediatric Dentistry (IAPD) Congress in Cape Town, further demonstrating UWC’s commitment to interdisciplinary collaboration.

Their presentations included:



Figure 13. SORSA Congress: Dr Susan Chandler, Dr Marwa Aborass, Ms Natalie Spragu, Dr Suvarna Indermun, and Ms Joanna Palmer..



Figure 14 (a, b). Dr Suvarna Indermun presented at the SORSA Congress.

- Dr Jessica Simpson: "Not Just Baby Fat: A Rare case of Cherubism"
- Dr Suvarna Indermun: "A Tale of Two Reactions: Concurrent Periostitis Ossificans and Condensing Osteitis in a Pediatric Patient," and "When Tooth Development Takes a Detour – Navigating the Management of Multiple Anomalies in a Single Pediatric Case."

Internationally, the Unit continues to nurture collaborative ties with Meikai and Asahi Universities in Japan through the Sakura Science Exchange Program, with Dr Naazia Dawray representing UWC during the October 2025 exchange visit.



Figure 15. Dr Naazia Dawray at Asahi and Meikei University as part of the Sakura Science Exchange.

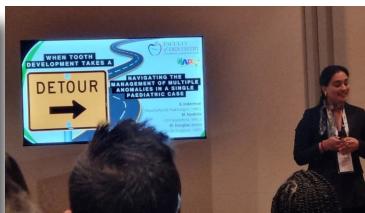


Figure 16 (a, b). Dr Suvarna Indermun presenting at IAPD.



Looking Ahead

Curriculum reviews for undergraduate Radiology teaching are currently underway, with postgraduate curriculum review processes to follow. These initiatives aim to ensure alignment with emerging technologies, clinical relevance, and global best practices in dental imaging education. We look forward to another busy and bright year for the Department in 2026!

Dr Suvarna Indermun

Unit Head: Radiology, Department of Craniofacial Biology Pathology and Radiology, University of the Western Cape

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 28 years, 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 MRI and CT Scan, Sialography, Ultrasonography and CBCT Scan.
- Diagnosis of pathology using these images produced.
- Presentation of a logbook which is assessed.

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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.

Apart from the fact that I attended the conference in Cairo in January, our primary desire is to develop faculty. We are working hard to achieve this goal.

Professor Grace Parkins
Course Coordinator, University of Ghana Dental School

Developments in Nigeria

The Department of Radiology, Aminu Kano Teaching Hospital (AKTH), in collaboration with the Department of Oral and Maxillofacial Radiology, Bayero University Kano (BUK), has fostered a productive and enduring partnership that continues to strengthen training, research, and clinical excellence in dento-maxillofacial imaging.

1. Undergraduate Training and Mentorship

Radiology faculty contribute regularly to undergraduate dental education through didactic lectures on imaging principles, head and neck radiologic anatomy, and diagnostic imaging techniques. Beyond classroom teaching, our department provides mentorship and research supervision to final-year dental students. A notable example is the ongoing project by Asmau Bashir Ibrahim, titled "Sonographic Assessment of Diagnostic Characteristics of Temporomandibular Disorders in Adult Patients Attending the Dental Centre, AKTH, Kano State, Nigeria."

2. Postgraduate Training and Resident Exchange

Residents in Oral and Maxillofacial Radiology undergo structured rotations in the Department of Radiology, gaining practical exposure to advanced imaging modalities such as CT, MRI, ultrasound, and interventional radiology. Regular joint seminars and case discussions further enhance their understanding of imaging physics, radiologic anatomy, and diagnostic interpretation.

3. Joint Supervision and Research Collaboration

The collaboration extends to postgraduate mentorship, with shared supervision of fellowship dissertations and PhD research. Current examples include:

- Dr. Sabir Iya: "Diagnostic Accuracy of Ultrasonography in the Detection of Rarefying Osteitis among Adult Patients at Aminu Kano Teaching Hospital."
- Dr. George Odiase Ewansiha: "Comparative Assessment of Facial Artery Doppler Velocimetric Indices among Adult Individuals with Odontogenic Maxillofacial Fascial Space Infection at AKTH, Kano."

4. Clinical Collaboration and Scholarly Output

Both departments regularly participate in multidisciplinary meetings to discuss complex head and neck cases, promoting collaborative diagnostic decisions and improving patient outcomes. The partnership has also resulted in several joint research projects and publications, contributing significantly to advancing maxillofacial imaging scholarship in Nigeria and across Africa.

This strong interdepartmental synergy exemplifies an effective model for integrating diagnostic radiology with oral and maxillofacial radiology, enriching education, research, and clinical practice across all levels of training.

Professor Anas Ismail

Professor of Radiology, Bayero University Kano & Aminu Kano Teaching Hospital

A Trainee's Perspective on DentoMaxilloFacial Radiology in West Africa

It's a year already! When I wrote for this column last year, I was fresh off acquiring my membership certificate from the West African College of Surgeons. Fast forward to today, and I am in my second year as a Senior Resident in Dento-Maxillofacial Radiology at Aminu Kano Teaching Hospital.

I'm reminded of an early discussion with my trainer, Prof. Bambose, about nomenclature: "Oral and Maxillofacial" versus "Dento-Maxillofacial." It seemed like a simple academic point then, but that conversation was part of a much larger idea which was the establishment of a Nigerian Association, which has since evolved into plans for a West African Academy.

That discussion was a great place to start, as it captures the nature of this postgraduate residency training program. The progress, growth, and exposure under Prof. Tunde Bambose are not just rapid; they are, put simply, eventful and engaging. This goes far beyond our classroom engagements or clinical sessions. It is a holistic approach that aims to position each of us (we are three older senior residents, and the latest trainee just passed his exams) to be excellent radiologists, teachers, and leaders.

This year, I've been particularly engaged in academic activities with students. This has included teaching sessions (last year, this was under supervision), anchoring seminar presentations, assessing student activities, and even preparing their exams. These are invaluable experiences that are preparing me to be the teacher I wish to be.

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This is in addition to undergraduate student supervision. This work not only helps me understand research better but gives me the opportunity to mentor students. Importantly, I get to publish my research and build my publications resume, which is a critical aspect of my career growth as an academic. This has been greatly helped by mentorship from senior medical radiologists, thanks to the excellent relationship Prof. Bambose has built with the medical radiology department over the years.

Of course, the challenges remain the same as those seen in most resource-limited settings and as last year. Facilities such as CBCT and 3D ultrasonography are still scarce at best. The specialty is young here, and the human resources are just now being developed. These factors, among others, can limit prompt diagnosis, better treatment planning, and overall patient care.

However, these limitations force us to look beyond the box for alternative means to ensure we give our patients the best care possible.

As I continue my training, I'm filled with the same optimism I had last year. Being part of the IADMFR community has given me a sense of belonging in a global network

united by a common goal: improving patient care through advanced imaging. We are not just training the next generation of specialists; we are building the foundation for a brighter future in healthcare, both in Nigeria and beyond.

I'll end with this; The journey from where dentomaxillofacial radiology was to where it's going in Nigeria and indeed West Africa won't be measured in years, but in the patients who receive better care because we chose to stay and build rather than leave; in that choice lies the difference between a dream deferred and a legacy begun.

Dr Sabir Mohammed Iya
Senior Resident, Department of Oral Diagnostic Sciences
Bayero University Kano/Aminu Kano Teaching Hospital

A Trainee's Perspective on DentoMaxilloFacial Radiology in West Africa

As a trainee in oral and maxillofacial radiology in the only training tertiary hospital in Nigeria, the specialty aims to provide both theoretical and practical exposure to imaging techniques, interpretation, and diagnostic application relevant to oro-maxillofacial region. The clinical rotations encompass a wide range of radiologic duties with its core objective designed for resident trainees to gain skills in the acquisition and interpretation of oral and maxillofacial radiographs. With increased awareness, oral and maxillofacial radiology specialty is gradually gaining traction among dental students and budding resident doctors.

Currently, many of West African countries have no formal postgraduate program in the subspecialty, unlike Nigeria, which is privileged to have a trainer, despite the training being overseen by the West African College of Surgeons – a regional institution that supervises the training of postgraduate medical and dental resident doctors. Given the existing gap between developed and resource-constrained settings regarding access to advanced imaging equipment – such as improved cone beam computed tomographic (CBCT) scanners, digital sensors, and AI- and ML-assisted diagnostic tools, we still effectively manage to transform these challenges into resourcefulness by maximizing the utility of our available conventional radiography among the diverse patient population we encounter weekly. For example, in our setting where most patients with dental caries can progress to life-threatening complications due to late presentation and delayed care, the Oral and Maxillofacial Radiology unit is often the first on the line to detect them. In this instance, our role is not only to interpret images but also to educate.

Navigating these paths through the residency training program has helped to keep me cautious, yet moving forward, understanding that transformation in this unique position requires accumulated smaller victories.

My trainer (Prof. Tunde Bamgbose) has remained resolute in this endeavor, seeking opportunity and progress by integrating the program with general radiology to ensure the residents' exposure to advanced imaging modalities – particularly MDCT, MRI, ultrasonography, and interventional radiography – thus helping us to develop robust diagnostic competency for specific maxillofacial pathologies. Additionally, leveraging on continuous online education, including IADMFR webinar series, WhatsApp platform, and active participation in seminars and research – while strengthen regional collaboration – particularly with Ghana (an innovation by my trainer) and other dental experts – are essential steps that are supporting my continued development.

The future is cautiously optimistic, with improved technology and continuous support from my trainer providing exciting opportunities for growth and development. Obviously, the landscape looks promising and adaptable to navigating successfully.

Dr George O. Ewansiha
Senior registrar, Oral and Maxillofacial Radiology, Department of Oral Diagnostic Sciences, Ainu Kano Teaching Hospital

A Trainee's Perspective on DentoMaxilloFacial Radiology in West Africa

The journey of specialty training in Oral and Maxillofacial Radiology across West Africa presents a unique blend of challenges and opportunities that shape the resilient, adaptable practitioners.

West African trainees in Oral and Maxillofacial Radiology navigate a complex healthcare terrain where advanced imaging technology exists alongside significant resource constraints. Training programs, primarily concentrated in Nigeria, operate within tertiary institutions that serve as regional referral centers. Trainees often encounter a diverse patient population with pathologies rarely seen in advanced countries, providing invaluable diagnostic experience with conditions like advanced odontogenic tumors, cysts, and jaw manifestations of endemic diseases.

Limited access to advanced imaging equipment transforms resourcefulness into a fundamental skill. Few centers possess cone beam CT and many panoramic radiography units, yet regular maintenance challenges and inconsistent power supply demand creative problem-solving approach. Trainees develop fundamental skills in conventional radiography interpretation and learn to extract maximum diagnostic information from limited imaging modalities, a competency that seems invaluable in the course of our careers.

The significant volume and variety of cases compensate for technological limitations. Late-stage case presentations are common due to limited healthcare access, thus

offering trainees extensive experience with advanced pathologies. This exposure cultivates strong pattern recognition skills and diagnostic confidence that prove advantageous when encountering similar cases later in more resource-rich settings.

The present era of digital revolution has transformed training in Oral and Maxillofacial radiology. Trainees leverage WhatsApp groups and online platforms for case discussions, connecting with our trainers and accessing educational resources that were previously unavailable.

Looking forward – West African trainees will emerge from the programs with unique strengths: diagnostic acumen supported by diverse pathology, adaptability forged through resource constraints, and cultural competence developed through serving varied populations. As the region invests in healthcare infrastructure and imaging technology, these foundational experiences position West African Oral and Maxillofacial Radiologists to contribute meaningfully to global Dentomaxillofacial Radiology.

Dr Ogbozor Bernard Emeka

Senior Registrar, Oral and Maxillofacial Radiology Aminu Kano Teaching Hospital

A Perspective on DentoMaxilloFacial Radiology in South Africa

24 This year, our research activities were limited. One of our MSc Dent students was unable to complete his project due to restricted access to essential materials.

However, we are pleased to share some positive developments. We collaborated with an Honors student from the School of Computer Science and Applied Mathematics at the University of the Witwatersrand. His project, titled “Multi-Object Detection: Dental Caries Detection Using Convolutional Neural Networks,” won the award for Best Project with Significant Clinical Impact at Research Day.

In addition, he boldly entered the postgraduate competition of the International Association of Dental Research (IADR), competing primarily against dental students. Although he did not win, he received excellent feedback and was commended for his confidence and contribution to dental research.



Figure 17.
Undergraduate student competition at IADR. Dr Osekeng Stemmer - supervisor (left); Ms Nonjabulo Mngomezulu (middle); Dr Koketso Tshite - supervisor (right).



Figure 18.
Postgraduate competition at IADR. Mr Rayhaan Hanslod (left); Dr Koketso Tshite - supervisor (right).

We also had undergraduate students participate in the UG competition with their project titled:
"Occurrence and Patterns of Ameloblastoma in Children and Adolescents at Wits Oral Health Centre."

Dr Koketso Tshite,
University of the Witwatersrand

Photo News

Relationship with University of Hasanuddin, Makassar, Indonesia

Through a memorandum of understanding between Universitas Hasanuddin, Indonesia, and Bayero University, Kano, Prof. Tunde Bamgbose is a Visiting Professor to Universitas Hasanuddin (UNHAS). The relationship has enriched academic engagements and interactions.



Figure 19. Prof. Muhammad Ruslin Deputy Vice Chancellor (Academics and Student Affairs) decorating Prof. Tunde Bamgbose with UNHAS Badge of Honor. This represents a special recognition.

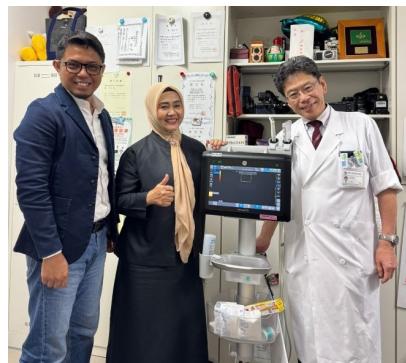


Figure 20. Dean of the Faculty of Dentistry, Universitas Hasanuddin with Prof. Hayashi, a leading oral and maxillofacial radiologist in ultrasonography in Japan.



Figure 21. Prof. Tunde Bamgbose accompanying the Dean of the Faculty of Dentistry, Prof. Irfan Sugianto, to receive some students from Japan who were on clinical rotations and observership..



Figure 22. Prof. Tunde Bamgbose with a cross-section of postgraduate oral and maxillofacial radiology students in Indonesia.

The Conclusion

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 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 continue to admire their enthusiasm towards the establishment of the African Academy/Association of Dentomaxillofacial Radiology.

I should mention Drs Suvarna Indermun and Koketso Tshite who wrote reports on the only dentomaxillofacial radiology postgraduate training program in South Africa.

Nigeria is leading other West African countries for manpower development in the specialty of Oral and Maxillofacial Radiology, and we hope other countries will commence postgraduate training soon. I wish to appreciate Drs. Sabir Iya, Bernard Ogbozor, and George Ewansiha, for giving their perspectives on the training program in West Africa.

Lastly, much appreciation goes to Prof. Anas Ismail for highlighting the collaboration with medical radiology.

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Yours truly,

Tunde Bambose
IADMFR Regional Director, Africa



05-09
MAY 2027



IADMFR 2027

26th INTERNATIONAL CONGRESS OF

DENTO-MAXILLO-FACIAL RADIOLOGY

Antalya, Türkiye

www.iadmfr2027.org



We hope you are able to find some warmth and be able to enjoy the upcoming holiday season. With that said, here's some recent Asian headlines to share with you.

Report from Asia



In Japan, the Japanese Society for Oral and Maxillofacial Radiology (JSOMR) held its 6th Autumn Conference from September 12th to 14th in Osaka. The Congress President, Professor Yoshiko Ariji of Osaka Dental University, organized the event, which featured two educational lectures, two special lectures, three public lectures, 24 oral presentations, 12 poster presentations, and a special gala dinner. More than 220 participants attended the meeting, where we gained valuable insights through a variety of research and educational sessions and enjoyed the enriching experience. During this term, Expo 2025 Osaka, Kansai, Japan, also opened in Osaka.



In India, the 20th International Symposium on Metal Ions 2025 in Mumbai convened 240 global delegates and emphasized the need for interdisciplinary, responsible, and sustainable scientific practice. The program featured sessions for young students, plenary discussions on cancer diagnostics, oral and radiological innovations, and extensive research presentations led by international and Indian experts. The event concluded with a strong call for collaborative, ethically grounded research, reinforcing Mumbai's standing as a leading center for scientific exchange. The international faculty included leading voices such as Prof. (Dr.) Paul B. Tchounwou, Dean, Morgan State University, USA and Prof. (Dr.) Anatoly Skalny President FESTEM,

Russia, alongside distinguished Indian experts from premier institutes and hospitals. As the symposium drew to a close, the overarching takeaway was clear: sustainable science rooted in collaboration is the way forward. "The future lies in interdisciplinary research and a deep commitment to responsible use of technology" remarked Dr. Sunali Khanna in her concluding note. The symposium reinforced Mumbai's role as a global hub for scientific dialogue, with participants leaving inspired to advance research enthusiastically.

In Indonesia, The Indonesia's College of Dentomaxillofacial Radiology (Kolegium Radiologi Kedokteran Gigi) marked significant national and international progress through its 12th Annual Symposium, nationwide student Olympiad, and the graduation of 22 new specialists. The event was attended by over 350 participants, featuring keynote lectures by Prof. Norliza Ibrahim (Malaysia), Prof. Dr Rosy Setiawati, Sp.Rad (Indonesia), Dr Ahmad Badruddin Ghozali (Malaysia), and nine other experts,

along with six hands-on workshops and 98 scientific presentations. From Universitas Gadjah Mada, The Oral Radiology Specialist Program and the launch of its Advanced CBCT Imaging Course further strengthened professional training and accreditation. This year, Indonesian representatives, Dr Menik Priaminiarti, Dr Rellyca Sola Gracea, Dr Aga Satria, Dr Fadlil Ulum, and Dr Gelar Ramdhani, also contributed to global scientific forums through active participation in IAMDFR conferences in London and Venice.

We wish you a peaceful and wonderful holiday season and New Year. All the Best!

Menik Priaminiarti and Naoya Kakimoto
IADMFR Regional Directors, Asia



Figure 1. Professor Ariji (right), JSOMR Congress Chair, and Professor Kashiwagi (left), who delivered a special lecture.

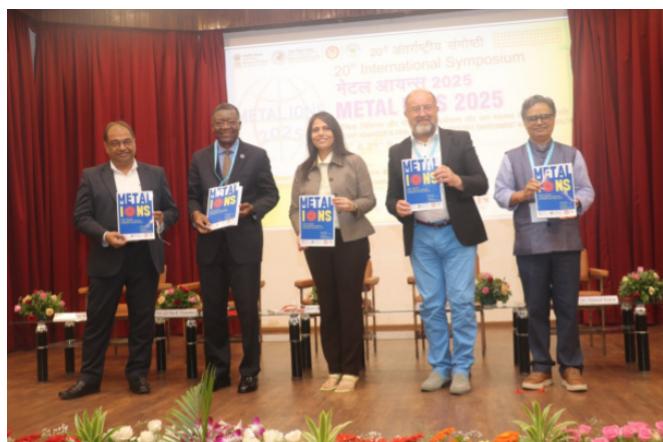


Figure 2. From left to right: Shri. Umesh Kumar Rustagi, Prof. (Dr) Paul B. Tchounwou, Prof (Dr) Sunali Khanna, Prof. (Dr) Anatoly Skalny, Prof. (Dr) Rakesh Kumar..



Figure 3. Visit of the Indonesian Health Council (Konsil Kesehatan Indonesia) team to the Faculty of Dentistry, Universitas Gadjah Mada, for the accreditation and opening of the new Oral Radiology Specialist Program — a milestone moment for advancing dental radiology education in Indonesia.

Report from Australia



Greetings from Australia!

With summer underway, we're enjoying longer days and warmer weather across much of the country.

In Australia, recent DMFR-related developments have focused on radiation safety governance. NSW's Protection from Harmful Radiation Regulation 2025 commenced on 29 August 2025, followed by a licensing exemption update effective 1 December 2025, which expanded radiation user licence exemptions for dental radiography (including for dental practitioners and, under specified supervision and training conditions, dental assistants). Queensland also updated its regulatory and dental-use licensing guidance in October 2025, explicitly linking dental imaging practice to the Code for Radiation Protection in Dental Exposure (2025).

In New Zealand, the Ministry of Health published an updated Compliance Guide for Dental Radiology, including Dental Cone Beam CT (ORS G4), on 19 November 2025, alongside a September 2025 Dental Council NZ reminder emphasising radiation safety compliance and supervision requirements.

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

Here's to a productive and successful year in 2026!

Warm regards,

***Shwetha Hegde
IADMFR Regional Director, Australia-New Zealand***

Dear Colleagues,

Looking back, since IADMFR's Newsletter was published in December 2024, the past year has been extraordinary from IADMFR's perspective. We experienced two very successful congresses, both held in Europe: the regular biennial ICDMFR in London, UK, in June, and the joint Digital Dentistry Society DDS/IADMFR meeting in Venice, Italy, in October. Each congress had a distinct character. In London we met with our "close IADMFR family" where we knew almost everyone in the audience. On the other hand, while the Venice meeting also offered us the opportunity to meet during the IADMFR sessions, it additionally allowed us to reach a broader audience, engage with a wider range of speakers, and connect with more partners collaborating with both DDS and IADMFR. We would like to express our gratitude to the organisers of both events, Rose Ngu and her team and Reinhilde Jacobs and the IADMFR board. Many thanks also to Bernadetta Della Croce and her co-workers from AIM as well as our sponsors. Finally, our gratitude to all participants, who took part in one or both events, showing how important the association is to the members.

It was also exciting to see the first 6 graduates of the IADMFR's educational track, who had their final case presentation and got their certificate during the Venice meeting. Those who completed the program this year have come a long way in education within the DMFR field. However, some of the participants in the track were not yet ready to finalise and a few were unable to attend in Venice. We look forward to the coming congress in Antalya, Türkiye 2027 – not only for the congress but also the continuation of the educational track and the next opportunity for the participants in the educational track to "graduate".

One of the key European events in 2025 was the 10th Junior Meeting, which took place in February in Porto, Portugal, and was organised by the European Academy of Dentomaxillofacial Radiology (EADMFR), together with Anna Paula Reis and her local team. This year, 30 participants from 20 countries got the chance to learn, work in groups on evidence-based tasks, interact, and enjoy networking and getting new friends in our field from all over the world. The meeting included lectures, workshops, and group work, all focused on dentomaxillofacial radiology. The lectures covered some of the most important topics in our field of expertise such as radiation protection, temporomandibular joint imaging, basics of ultrasound and

Report from Europe



videofluoroscopy, evidence-based radiology and how to write a scientific paper. A large proportion of the juniors also got the opportunity to present their research, as well as specialist training programs around Europe.

Both of us have been deeply involved in the organisation of the junior meetings since 2014, and it is such a pleasure to see all the young and promising people who have attended during previous years, growing and becoming established researchers, specialists and leaders in our field of DMFR. Keep your eyes open for the coming junior meetings and encourage your junior colleagues to attend.

The next Congress of EADMFR will take place 25–27 June, 2026 in Iasi, Romania. We hope to see many members of both EADMFR and IADMFR at the meeting, so please add Romania in June 2026 to your calendar.



Figure 1. Participants at EADMFR's junior meeting in Porto, 2025.



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



Figure 2. IADMFR colleagues enjoying London in June 2025.



Figure 3. Erwin Berkhouit enjoying the London Bus Tour social event in June 2025.



Figure 4. IADMFR colleagues enjoying the Gala Dinner in Venice in October 2025.



Figure 5. Participants of IADMFR's board meeting in Venice ahead of the DDS/IADMFR meeting in October 2025.

Report from Latin America



Dear IADMFR Colleagues,

We are pleased to present our annual report from the Latin America Region. This report outlines our key activities, achievements, and challenges over the past year, reflecting our commitment to advancing DMFR throughout the region. In the following sections, we highlight major regional events and initiatives.

The Congress of the Brazilian Association of Dentomaxillofacial Radiology (CONABRO 2025) was held in Campinas, São Paulo state, between August 27th and 29th. The CONABRO 2025 Organizing Committee, chaired by Dr Luiz Manhães Jr., successfully registered approximately 1,300 participants. Attendees enjoyed three days of an outstanding scientific program featuring 16 speakers from both Brazil and abroad. The agenda covered diverse themes, including ultrasound, artificial intelligence, radiomics, and CBCT. Around 20 companies supported CONABRO 2025, which fostered a productive and engaging environment conducive to professional update, networking, and business opportunities. We encourage you to stay tuned for the next CONABRO, which will be held in the sunny city of Fortaleza, Ceará state.

This reporting period was also marked by the passing of our dearest Dr Cláudio Costa (**Figure 3**), a former Latin America Regional Director and member of the IADMFR Trust Fund Committee. As we continue to process this loss, we extend our deepest gratitude for Dr Costa's invaluable service to both the IADMFR and the Brazilian DMFR Community. His kindness and great sense of humor will always be remembered by all who knew him.

On October 23 and 24, the Second National Congress on Imaging in Temporomandibular Disorders and Orofacial Pain was held in Santiago, Chile. It was organized by the Chilean Society of Oral and Maxillofacial Radiology and the Chilean Society of Temporomandibular Disorders and Orofacial Pain.

The congress was very well attended. The pictures show Dr Alejandro Hidalgo (**Figure 4**), President of the Chilean Society of Radiology, and Dr Valentina Bosio (**Figure 5**), who presented a poster.

On November 5th and 6th, 2025, the 42nd Congress of the Argentine Dental



Figure 1. Dr André Leite lectures on radiomics at CONABRO 2025.



Figure 2. Full auditorium during Dr Viviane Sarmento's lecture on systemic diseases.

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Figure 3. Dr Claudio Costa receiving a tribute by the Brazilian Association of Dentomaxillofacial Radiology.

Association was held in Buenos Aires, Argentina. During this event, a meeting of the Argentine Association of Maxillofacial Diagnostic Imaging took place. Among the speakers were Dr. Gabriela Bruno, Dr Valeria Szymanowski, (**Figure 6**), and Dr Germán Flesia (**Figure 7**).



Figure 4. Dr Alejandro Hidalgo, President of the Chilean Society of Radiology.



Figure 5. Dr Valentina Bosio presenting a poster in Santiago, Chile.



Figure 6. Colleagues and speakers at the 42nd Congress of the Argentine Dental Association in Buenos Aires.



Figure 7. Dr Germán Flesia speaking in Buenos Aires..

The VI Venezuelan Congress of Dentomaxillofacial Radiology was held on November 7th and 8th, 2025, in Caracas, Venezuela. It was organized by the Venezuelan Society of Dentomaxillofacial Radiology and Imaging (**Figure 8**). The topics discussed were united by the concept of "Science, Art, and Technology in Clinical Diagnosis." Among the presenters at this congress were Dr. Adalsa Hernández and Dr. Mariana Villarroel (**Figure 9**).



Figure 8. Colleagues enjoying the VI Venezuelan Congress of Dentomaxillofacial Radiology in Caracas in November.



Figure 9. Dr Adalsa Hernández and Dr Mariana Villarroel were among the speakers in Caracas.

Finally, it's worth noting that a large delegation of Latin American radiologists attended the congresses in London and Venice. These IADMFR congresses were fantastic! Best wishes for 2026!

We finalize this report with sincere wishes for a Merry Christmas to all IADMFR members, and a prosperous 2026, filled with health and renewed joy.

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

Report from North America



Greetings from North America!

The 2025 Annual Meeting of the American Academy of Oral and Maxillofacial Radiology (AAOMR) was held in Charlotte, North Carolina, from October 13 to 16. The meeting brought together oral and maxillofacial radiologists, residents, and industry partners for several days of learning, collaboration, and professional exchange.

A highlight of this year's program was the series of lectures on artificial intelligence in dental imaging, exploring how deep-learning models are transforming image analysis and workflow efficiency.

The physics and radiation safety sessions were also well received, offering updates on dose optimization, image quality, and artifact reduction strategies that emphasized patient safety and evidence-based practice.

Head and Neck Radiology and Case Discussion sessions featured presentations on advanced imaging in cancer diagnostics, salivary gland and soft-tissue pathology, and optimized CBCT and MRI protocols for complex anatomy.

In addition to the scientific program, the meeting provided excellent opportunities for networking and engagement with colleagues, sponsors, and exhibitors showcasing the latest in imaging.

Please save the date for next year's Annual Meeting, October 14-16, 2026, in Orlando, Florida.

Respectfully submitted,

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

Congress Highlights: London & Venice 2025

From London in early summer to Venice in autumn, 2025 unfolded as a series of inspiring meetings for IADMFR members, combining productive discussions, excellent scientific exchange, and the informal moments that strengthen our network. Enjoy this photo-led recap and relive some of the best moments from both congresses.

Pictorial Report from London



IADMFR 25th CONGRESS

London, June 24–25, 2025

Held at the Royal Society of Medicine in central London, the IADMFR 25th Congress brought together radiologists, clinicians, surgeons, dentists, and researchers for two days of interdisciplinary exchange. The programme featured a keynote on sustainable radiology, sessions on head-and-neck imaging, and practical highlights including live ultrasound workshops.



Executive Board Meeting



Sightseeing Activities followed by Board & Speaker Dinner



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Academic Sessions & Networking



Night bus tour of London



Morning run



42



Gala dinner





Royal National Lifeboat Institution – Saving Lives at Sea

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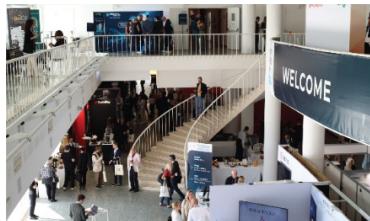


Pictorial Report from Venice

DDS Global Congress – Joint IADMFR meeting

Venice, October 16–18, 2025

Venice set the stage for another highlight of IADMFR's 2025 congress season, with our joint meeting held at the Palazzo del Cinema on the Venice Lido alongside the DDS Global Congress. The IADMFR programme spotlighted dentomaxillofacial imaging through the Educational Track and diagnostic case discussions, e-poster pitching sessions, and the IADMFR Research Award competition, all within an inspiring congress atmosphere.



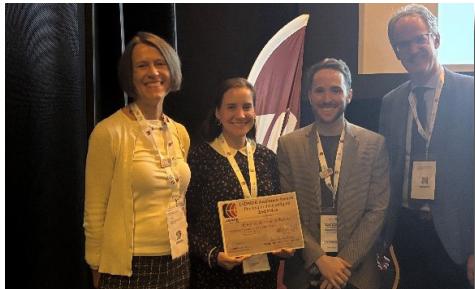
E-Poster Pitch Presentation



Pitching in the Spotlights E-Poster Session Winners – Clinical Advances..



Pitching in the Spotlights E-Poster Session Winners – Technological Advances..



Audience Award Winners.

Research Award



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1st Prize – Bahaaeldeen M. Elgarba.



2nd Prize – Hessamoddin Faghihian



3rd Prize - Dhanaporn Papasratorn
3rd Prize - Soroush Baseri Saadi

General Assembly



Walking Dinner





DDS Gala Dinner



Educational track



Education Committee:

1. Jeffery B. Price
2. Karla de Faria Vasconcelos
3. André Ferreira Leite
4. Sergio Lins de Azevedo Vaz

Mentors:

1. Sergio Lins de Azevedo Vaz
2. Michael Bornstein
3. Karla de Faria Vasconcelos
4. Ingrid Rozylo-Kalinowska
5. Saulo Sousa Melo
6. Pisha Pittayapat

Students:

1. Hugo Gaêta Araujo
2. Pierre Lahoud
3. Marta Dyszkiewicz
4. Nicolly Oliveira Santos
5. Thanatchaporn Jindanil

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DDS Stage



Forthcoming Meeting

05–09 May 2027

IADMFR 26th Annual Congress

Antalya

05–09 May 2027, Antalya, Türkiye

<https://iadmr2027.org/>

Join Us in Antalya for IADMFR 2027!

5–9 May 2027 | Gloria Golf Resort & Convention Center, Belek, Türkiye

Chair: Prof. Dr Kaan Orhan, President-Elect, IADMFR

Get ready for an unforgettable scientific and cultural experience on the beautiful Mediterranean coast of Türkiye!

The IADMFR 2027 Congress will bring together the global oral and maxillofacial radiology community for five inspiring days of science, collaboration, and friendship.

50

A Premier Venue in the Heart of the Mediterranean

Hosted at the magnificent Gloria Golf Resort & Convention Center, the event combines world-class conference facilities with five-star hospitality. All hotels are within walking distance, surrounded by nature, sun, and sea — a perfect backdrop for science and networking.

Cutting-Edge Science and Innovation

- Hands-on Courses (May 5): Ultrasound, Digital Dentistry, and Artificial Intelligence.
- Main Congress (May 6–9): Keynotes from world leaders, interactive case discussions, Head & Neck Symposium, and sessions exploring the future of AI in Dental Imaging.
- Awards, Student Events, and Networking Sessions will energize and connect participants from every continent.

Social Highlights

Enjoy a vibrant Welcome Reception, the elegant Gala Dinner with Turkish cuisine and live music, and a Pre-Congress Golf Tournament at one of Europe's most scenic courses.

Why Attend?

IADMFR 2027 will not only showcase the latest research and technology—it will celebrate our community's shared vision for the future of dental imaging: innovative, inclusive, and inspiring.

Come and experience the unique spirit of IADMFR in Antalya, where science meets sunshine!

We look forward to welcoming you to Türkiye!

For updates, visit: www.iadmfr.one; <https://iadmfr2027.org/en/>
Instagram: <https://www.instagram.com/iadmfr2027/>



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Claudio Costa

It is with deep sadness that we inform you of the passing of Dr. Claudio Costa.

Born in 1962, Dr Costa received his early education in public schools in the state of São Paulo, Brazil. He began his dental studies at the University of São Paulo School of Dentistry (FOUSP) in 1982, graduating in 1986. As an undergraduate student, he developed a strong interest in Oral Radiology, actively engaging in research and mentoring activities. Following his graduation, he continued his academic journey at FOUSP, completing both his master's and PhD in Oral and Maxillofacial Radiology. In 2003, he was awarded the title of *Livre-Docente*, a prestigious post-doctoral academic qualification in Brazil, similar to the European *Habilitation*.

Dr Costa served as a professor at FOUSP for 36 years. A devoted mentor to both undergraduate and postgraduate students, he inspired generations of colleagues with his passion for teaching and unwavering commitment to the field of Oral Radiology, shaping the careers of many. In his own words, "the greatest teachers are, in essence, simple and generous people". This feeling was reflected in every aspect of his work. Over the course of his distinguished career, Dr. Costa received numerous awards and recognitions, a testament to his lifelong dedication and impactful contributions to Oral Radiology, bearing the fruits of a life devoted to the field.

He was the director of LAPI – Laboratory for Image Analysis and Processing at FOUSP – which houses an extensive collection of 2D and 3D imaging data. He also led the research group on Image Processing and Analysis in Dentistry, certified by the Brazilian National Council for Scientific and Technological Development (CNPq). More recently, he served as the faculty advisor for FOUSP's Interdisciplinary Digital Dentistry League (LIOD).

Dr Costa shared his experience internationally, serving as a visiting professor at institutions including Texas A&M University Health Science Center – Baylor College of Dentistry (Dallas, 1997) and the University of California – School of Dentistry (Los Angeles, 2005). In 2013, he visited several Japanese universities (Hiroshima, Osaka, Showa) to foster academic collaborations. In 2015, he was invited as a guest researcher at Aarhus University (Denmark), later coordinating FOUSP's international cooperation project with the same institution.

In 2020, Dr Costa became the head of FOUSP's postgraduate program in Oral Diagnosis, Oral Radiology, and Imaging, a position he held until April 2024. He then continued to serve as a vice-coordinator until his final days.

Within IADMFR, Dr Costa also made significant contributions. He served as a South American Regional Director from 2001 to 2015 and was a member of the current Trust Fund Committee. He often remarked on how his roles at IADMFR opened doors to international collaborations, institutional partnerships, and lasting friendships with colleagues around the world.

Claudio was widely admired for his intelligence, good humor, optimism, and remarkable memory. He was a gifted storyteller, and those who knew him remember his empathy, integrity, and kindness – qualities he extended generously to his students, friends, colleagues, and staff. His legacy will be forever cherished with love and pride. "Claudinho", as he was affectionately known, remains a shining example and lasting inspiration for all of us. He is, and will always be, profoundly missed. As a final tribute, we share his own words:

"A teacher must have the clarity to understand that they are not endowed with divine powers to change others, but the mortal wisdom to bring out the best that each person has to offer."

We send our deepest condolences to his family, friends, and all who had the privilege of knowing him.

Our heartfelt thanks to Ana Luiza Esteves Carneiro, Daniela Miranda Richarte de Andrade Salgado, Edna Alejandra Gallardo-Lopez, Francisco Haite Neto, Jefferson Xavier de Oliveira, and Luciano Augusto Cano Martins for their invaluable contributions to the writing of this obituary. We are also deeply grateful to all who shared their reflections and memories of Claudio's life.



Sergio Lins de Azevedo Vaz
IADMFR Latin America Regional Director (Brazil)

Li-Min Lin

We would express our sincere condolences to our beloved esteemed Professor Li-Min Lin who passed away on 27th February, 2025 at the age of 82 years old.

Professor Lin was trained at the University of Chicago under Professor Bob Goepp (the President of AAOMR) during 1972–1975. After finishing his resident training in Oral Pathology and Oral Radiology, Professor Lin became an instructor at the University of Chicago

for one year, and then transferred to Chicago Loyola School of dentistry as an assistant professor for 3 years. In 1979, Professor Lin went back to Taiwan as the Dean of School of Dentistry, Kaohsiung Medical University. He was the founder of Taiwan Academy of Oral & Maxillofacial Radiology (TAOMFR) and served as the first President for 3 years (2000–2003) as well as the fourth President of TAOMFR. In 2002, Professor Lin held the 4th ACOMFR (Asian Congress) at Kaohsiung and the participants enjoyed a successful meeting with unforgettable memories. Additionally, as the 21st IADMFR President, Professor Lin guided TAOMFR to host the 2017 IADMFR at Kaohsiung.

Finally, we would specially pay tribute to our mentor Professor Lin for his remarkable contribution to OMFR. Under his excellent leadership and encouragement, we have kept abreast of the fast global upsurge in technology and knowledge within the field of OMFR and appear to go beyond the barren land of OMFR in Taiwan and now are regarded as one of the vital branches of dentistry in Taiwan. The innovative and revolutionary spirit of Professor Lin will always take root in our mind and look forwards to the marvelous prospect of OMFR in Taiwan!

Brian Colman O'Riordan

Brian Colman O'Riordan died peacefully at home on 24th October 2024, one day short of 89 years lived to the full. He is sorely missed by his wife, Valerie, children Sean, Rebecca, Kieran and Susannah, grandchildren Tom & Orla, and all those whose lives he touched.



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