

**19th International Conference and Expo on
Dental Science and Oral Health**

Barcelona, Spain
 April 07–08, 2026

DAY 1 – April 07, 2026

Theme: Digital Dentistry, Precision Care & Translational Research

08:30 – 09:00 | Registration & Welcome Coffee

Keynote Presentations

09:00 – 10:00

1. Artificial Intelligence–Driven Diagnostics in Oral Healthcare: From Algorithms to Chairside Use
2. Precision Dentistry: Integrating Genomics, Imaging, and Digital Workflows

Refreshment Break

10:00 – 10:15

General Scientific Session I

10:15 – 11:45

3. Machine Learning Models for Early Detection of Oral Potentially Malignant Disorders
4. Next-Generation Intraoral Scanners and Their Impact on Restorative Accuracy
5. Smart Dental Materials: Bioactive and Self-Healing Restoratives
6. Salivary Biomarkers for Systemic Disease Screening: A New Frontier
7. 3D Printing in Prosthodontics: Clinical Outcomes and Limitations

Workshop

11:45 – 12:30

8. Hands-On Digital Smile Design Using AI-Powered Software

Lunch Break

12:30 – 13:30

General Scientific Session II

13:30 – 15:00

- 9. **Minimally Invasive Dentistry Guided by Optical Coherence Tomography**
- 10. **Regenerative Endodontics: Stem Cells and Scaffold Innovations**
- 11. **Nanotechnology Applications in Caries Prevention and Management**
- 12. **Tele-Dentistry Models for Underserved Populations: Clinical Evidence**
- 13. **Wearable Devices for Monitoring Bruxism and Sleep Apnea**

Refreshment Break

15:00 – 15:15

Online & Video Presentation Session

15:15 – 16:15

- 14. **Virtual Reality–Based Dental Training: Enhancing Clinical Competency (Video)**
- 15. **Blockchain Technology for Secure Dental Health Records (Online)**
- 16. **Augmented Reality in Implant Surgery Planning (Video)**

Poster Presentation Session

16:15 – 17:00

(Recent Advances in Oral Biology, Dental Materials & Public Health Dentistry)

Award Ceremony & Closing of Day 1

17:00 – 18:00

- 17. **Young Researcher Award Lecture: AI-Assisted Caries Risk Prediction**

18. **Best Clinical Research Award: Digital Occlusion Analysis in Full-Mouth Rehabilitation**
19. **Distinguished Speaker Talk: Future-Ready Dental Education Models**
20. **Industry Innovation Spotlight: Smart Clinics and Connected Dentistry**

DAY 2 – April 08, 2026

Theme: Oral-Systemic Health, Sustainability & Advanced Clinical Practice

Keynote Presentations

09:00 – 10:00

1. **Oral-Systemic Health Axis: Emerging Evidence and Clinical Implications**
2. **Sustainable Dentistry: Eco-Friendly Innovations and Green Practices**

Refreshment Break

10:00 – 10:15

General Scientific Session III

10:15 – 11:45

3. **Microbiome-Targeted Therapies for Periodontal Disease Management**
4. **Photodynamic Therapy in Oral Cancer: Clinical Translation**
5. **Advanced CAD/CAM Ceramics: Strength, Esthetics, and Longevity**
6. **Digital Orthodontics: Predictive Tooth Movement and AI Planning**
7. **Personalized Preventive Dentistry Using Big Data Analytics**

Workshop

11:45 – 12:30

8. **Laser Applications in Contemporary Periodontal Therapy**

Lunch Break

12:30 – 13:30

General Scientific Session IV

13:30 – 15:00

9. **Oral Health Implications of Long-COVID: Clinical Observations**

- 10. **Bioprinting of Oral Tissues: Current Progress and Challenges**
- 11. **Advanced Pain-Free Dentistry Using Computer-Controlled Anesthesia**
- 12. **Digital Monitoring of Orthodontic Treatment Outcomes**
- 13. **Antimicrobial Resistance in Dentistry: Strategies for the Future**

Refreshment Break

15:00 – 15:15

Online & Video Presentation Session

15:15 – 16:15

- 14. **Metaverse Applications in Dental Patient Education** (*Online*)
- 15. **Robotics in Implant Dentistry: Clinical Precision and Safety** (*Video*)
- 16. **AI-Based Risk Assessment Tools for Peri-Implantitis** (*Online*)

Poster Presentation Session

16:15 – 17:00

(Oral-Systemic Research, Preventive Dentistry & Digital Innovations)

Award Ceremony & Conference Closing

17:00 – 18:00

- 17. **Best Poster Award Lecture: Salivary Diagnostics for Diabetes Screening**
- 18. **Excellence in Clinical Practice Award: Digital Full-Arch Implant Rehabilitation**
- 19. **Lifetime Achievement Lecture: Evolution of Modern Oral Healthcare**
- 20. **Closing Vision Talk: Dentistry 2035 – Technology, Ethics, and Patient-Centric Care**