

ODONTOLOGY

Thursday

Poster Session

11:30 AM – 1:00 PM	H1	A Pilot Study on Postmortem Determination of Drug Abuse on Dental Tissues <i>Ilenia Bianchi, DMD*; Marta Cippitelli, PhD; Erika Buratti, PhD; Gianmario Mietti, PhD; Alice Cerioni, PhD; Roberto Scendoni, PhD; Rino Froidi, MSc; Vilma Pinchi, PhD; Mariano Cingolani, MD, MSc</i>
11:30 AM – 1:00 PM	H2	An Overview and Evaluation of Forensic Dentistry Cases With Trauma Damage and Bone Fractures <i>Huseyin Afsin; Gulnaz T. Javan, PhD*</i>
11:30 AM – 1:00 PM	H3	Justice for the Vanished but Not Missing <i>Elizabeth Ruth Smith, DDS*</i>
11:30 AM – 1:00 PM	H4	A Picture Reveals the Truth! <i>Megha Shah, DDS*</i>
11:30 AM – 1:00 PM	H5	Postmortem Histological Changes of Dental Pulp for Postmortem Interval Estimation: A Pilot Study <i>Ilenia Bianchi, DMD*; Ana Margarida Rodrigues, MSc; Diana Augusto, MSc; João Aquino, PhD; Isabel Fonseca, MD, PhD; Vilma Pinchi, PhD; Cristiana Palmela Pereira, MSc; PhD</i>
11:30 AM – 1:00 PM	H6	The Forensic Anthropological Significance of Dental Calculus Deposits as Proxy for Identity of the Host and the Oral Microbiota: A Systematic Review <i>Jagmahender Singh Sehrawat, PhD*; Niraj Rai, PhD</i>
11:30 AM – 1:00 PM	H7	The Use of the Disaster Victim Identification (DVI) Method for a Mass Casualty Bus Crash in Manitoba, Canada <i>Noriko B. Boorberg, DMD, MEd*; Trenna Reeve, DMD; Carla Penner, DDS</i>
11:30 AM – 1:00 PM	H8	Color Change in Deciduous and Permanent Enamel and Dentin Due to Burning <i>Michal Peer, MSc*; Rachel Sarig, DMD, PhD</i>
11:30 AM – 1:00 PM	H9	Evaluating the Relationship Between Various Oral Pathological Conditions and the Persistence of Lip Prints <i>Jagmeet Kaur, BSc, MSc*; Mukesh Kumar K. Thakar, PhD</i>

To ID or Not to ID ... Is This a Question?

8:30 AM – 8:45 AM	H10	The $\delta^{18}\text{O}$ Values as Chemical Signatures of Geo-Locality of Ajnala Skeletal Remains: A Forensic Odontological Study <i>Jagmahender Singh Sehrawat, PhD*; Niraj Rai, PhD</i>
8:45 AM – 9:15 AM	H11	Investigating the Influence of Sex and Ethnicity on Human Identification Using Palatal Scans <i>Botond Simon, DMD*; Aida Roudgari; Akos Mikolicz; Arvin Irani Shahbazi; Janos Vag</i>
9:15 AM – 9:30 AM	H12	A Colorimetric Study of Burnt Teeth as a Diagnostic Tool to Aid in Forensic Dental Identification <i>Emilio Nuzzolese, DDS, PhD*; Matteo Aliberti, DDS; Lucia Tattoli, MD, PhD; Giancarlo Di Vella, MD, PhD</i>

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9:30 AM – 9:45 AM	H13	A Multinational Classification of Dental Resin Composites for Forensic Purposes <i>Emilio Nuzzolese, DDS, PhD*</i> ; <i>Davide Bosio, MD</i> ; <i>Mariagrazia Putzu, MD</i> ; <i>Giancarlo Di Vella, MD, PhD</i>
9:45 AM – 10:00 AM	H14	A Radiographic Field Guide to Modern Dental Restorative Materials <i>Elif D. Aksoylu, DMD, MPH*</i>
10:00 AM – 10:15 AM	H15	Artificial Intelligence-Driven Dental Comparison for Human Identification in Mass Disasters <i>Guillermo Ramírez*</i> ; <i>Antonio David Villegas, MSc, BS</i> ; <i>Tzipi Kahana</i> ; <i>Óscar Cordón</i> ; <i>Oscar Ibáñez Panizo, PhD</i>
10:15 AM – 10:30 AM	H16	Prehistoric Therapeutic Dentistry in the Mid-Atlantic United States: The Use of Multi-Modal Imaging on Ancient Dental Specimens <i>John B. Nase, DDS*</i> ; <i>Dana Kollmann, PhD*</i>
10:30 AM – 10:45 AM		BREAK

Identification Plus

10:45 AM – 11:00 AM	H17	Dental Identification After an Arson Attack <i>Camilla George, MSc, LLM*</i>
11:00 AM – 11:15 AM	H18	Developing an Animal Model for Investigating Tissue Deterioration of the Palate by Intraoral Scanner <i>Janos Vag*</i> ; <i>Sandor Mikó</i> ; <i>Arvin Irani Shahbazi</i>
11:15 AM – 11:30 AM	H19	The Establishment of a Provincial Identification Unit and Its Promising Results <i>Corinne DAnjou, DMD*</i>
11:30 AM – 11:45 AM	H20	The Potential of Smile Photographs and a PM Intraoral Scanner for Dental Identification <i>Rosario Guerra Martí*</i> ; <i>Emilio Nuzzolese, DDS, PhD*</i> ; <i>Andrea Valsecchi, PhD</i> ; <i>Oscar Ibáñez Panizo, PhD</i> ; <i>Inmaculada Alemán, PhD</i> ; <i>Sven Benthau</i> ; <i>Domenico Dellaia, MD</i>
11:45 AM – 12:00 PM	H21	The Production of Dental Remains Replicas With 3D Modeling <i>Robin A. Ainsworth, DDS, MS*</i> ; <i>Daniel Sierra</i> ; <i>James Pizzini, BS</i> ; <i>Charles DeFreest, DDS</i> ; <i>Mario Ruybal</i>
12:00 PM – 1:15 PM		BREAK

Still Biting After All These Years ...

1:15 PM – 1:30 PM	H22	Odontometrics and Artificial Intelligence: A Comparative Study for Best Prediction of Facial Geometry in Medicolegal Cases <i>Nandini Chitara, MSc*</i> ; <i>Rakesh Meena, MSc</i> ; <i>Ankita Guleria, MSc</i> ; <i>Kewal Krishan, PhD</i>
1:30 PM – 1:45 PM	H26	Insights From Wrongful Convictions Related to Bitemark Analysis <i>John Morgan*</i>
1:45 PM – 2:00 PM	H24	The Evolution of the American Board of Forensic Odontology Standards and Guidelines for Evaluating Bitemarks <i>Richard H. Fixott, DDS*</i>

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2:00 PM – 2:15 PM	H25	Bitemarks: Can We Agree? <i>James F. Goodrich, BDS*</i> ; <i>Mark Eilers, DMD</i>
2:15 PM – 2:30 PM	H23	Advancing Forensic Odontology Standards: Insights and Updates <i>Kenneth W. Aschheim, DDS*</i>
2:30 PM – 2:45 PM	H27	Expert Witness Testimony and the Standard of Care Involving Swallowed Dental Objects <i>Raymond G. Miller, BA, DDS*</i>
2:45 PM – 3:00 PM	H28	Justice for Mariyah: Bitemark Analysis and the Power of Exclusion <i>Grace Chung, DDS*</i>
3:00 PM – 3:45 PM		BREAK

How Old Are You Now?

3:45 PM – 4:00 PM	H29	The Good, Bad, and Ugly of Bitemarks <i>Christy Chang*</i> ; <i>Shirley Lewis, BDS, MSD</i>
4:00 PM – 4:15 PM	H30	Dental Age Assessment Through a Learning Machine Approach <i>Valon Nushi, DDS*</i> ; <i>Ana M. Rodrigues, DMD</i> ; <i>Diana Augusto, MSc</i> ; <i>Rui Santos</i> ; <i>Arlindo Oliveira, PhD</i> ; <i>Alexandre Francisco, PhD</i> ; <i>Francisco Salvado, PhD</i> ; <i>Hrvoje Brkić, PhD</i> ; <i>Cristiana Palmela Pereira, MSc</i> ; <i>PhD</i>
4:15 PM – 4:30 PM	H31	The Age Assessment Procedure and Results of the Age Assessment: Where Is the Dental Age Assessment? <i>Cristiana Palmela Pereira, MSc</i> ; <i>PhD*</i>
4:30 PM – 4:45 PM	H32	The Performance of Different Dental Age Estimation Methods on Saudi Children <i>Sakher AlQahtani, PhD*</i>
4:45 PM – 5:00 PM	H33	A Comparison of Third Molar Development Between Hispanic Populations in Two Different Geographical Locations in the United States <i>Jayakumar Jayaraman, BDS, MDS, MS, PhD*</i>
5:00 PM – 5:15 PM	H34	WITHDRAWN

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Friday

Last and Never Least. . .

8:45 AM – 9:00 AM	H35	A 3D CBCT Method for Adult Age Estimation Based on Pulp Chamber Narrowing of Central Incisors <i>Ilenia Bianchi, DMD*; Giulia Vitale, MD, DDS; Ugo Santosuosso, MSc; Lorella Bonaccorsi, PhD; Francesco Pradella, MD, DDS; Martina Focardi, MD; Vilma Pinchi, PhD</i>
9:00 AM – 9:15 AM	H36	A Dental Age Comparison of North Indian Children and Adolescents <i>Deeksha Sankhyan*</i>
9:15 AM – 9:30 AM	H37	A Dental Assessment of Unaccompanied Refugees: A Mediterranean Perspective <i>Mariagrazia Marisei, MD*; Pierpaolo Di Lorenzo, MD; Anita Sammarco, MD; Gaetano Di Donna, MD; Claudia Casella, JD; Fabio Policino; Emanuele Capasso, MD; Massimo Niola, PhD</i>
9:30 AM – 10:00 AM	H38	The Application of ABFO Standards and Guidelines in Diagnosing Human Bite Injuries <i>Richard H. Fixott, DDS*</i>
10:00 AM – 10:15 AM	H39	When the Biter Leaves a Tooth Behind <i>Daniel T. Hines*; Howard Harcke, MD</i>