AMiT
Alliance of Molar Incisor Hypomineralization Investigation and Treatment

The 3rd Alliance of Molar Incisor Hypomineralization (MIH) Investigation and Treatment (AMIT)

New Trends, Evolving Disciplines & Active Learning

10-13 February 2027 | Vienna, Austria



Preliminary Program

As of 11 November 2026

Wednesday, 10 February 2027

07:30-17:30	Registration
08:45-17:30	Master Course on New Paradigms for Management of Immature Inflamed Pulp in Primary and Young Permanent Molars (2 Coffee Breaks and Light Lunch Included)
14:00-18:00	Hands-On Workshop by GC (Parallel to Master Course)
18:00-19:00	Welcome Reception (For all Paid Participants)

Thursday, 11 February 2027

08:00-18:00	Registration
08:30-10:00	**OPENING SESSION** **UPDATE: LOOKING BACK LOOKING AHEAD** **Chairs:** Katrin Bekes, Elias Berdouses, Monty Duggal, Roland Frankenberger, David Manton
08:30	Welcome Remarks Short Report on AMIT 2022, 2024 & Synopsis of AMIT 2027 **Katrin Bekes**, Austria & **Roland Frankenberger**, Germany
09:00	Keynote Lecture: Looking Back **Karin Weerheijm**, The Netherlands
09:20	Overview & Looking Forward **Elias Berdouses,** Greece; **Monty Duggal**, UK & **Roland Frankenberger**, Germany
10:00-10:30	**Coffee Break with Light Bites** — **Exhibition Area**

10:30-11:30 **Session 1: NEW STANDARDS IN MIH DIAGNOSTICS AND TREATMENT CONCEPTS MOLARS**

10:30 New Diagnostic-Tools for MIH-Teeth
Jan Kuenisch, Germany

11:00 Current Concepts of Treating Molars: An Overview
Fabricio Kitazono de Carvalho, Brazil

11:30-12:30 **Session 2: NEW STANDARDS IN MIH DIAGNOSTICS AND TREATMENT CONCEPTS ANTERIOR TEETH**

11:30 **INTERACTIVE SESSION**
Managing Incisor MIH: What, When and How - Where is the Evidence?
Katrin Bekes, Austria; **David Manton**, The Netherlands & **Omar Marouane**, Tunisia

12:30-13:30 **Lunch Break** **Exhibition Area**

13:30-14:30 **SESSION 3: NEW PERSPECTIVES ON MIH ETIOLOGY RESEARCH**

13:30 MIH Etiology: What, Where and How to Search Further?
Nick Lygidakis, Greece

14:00 TBA
Jan Kuenisch, Germany

14:30 -15:30 SESSION 4: **INDUSTRY SYMPOSIUM** Sponsored by DMG

MIH Revisited: Contemporary Approaches to Diagnosis and Treatment Planning
Falk Schwendicke & **Susanne Effenberger**, Germany

15:30-15:45 **Coffee Break with Light Bites** **Exhibition Area**

15:45-17:30 **SESSION 5: FREE COMMUNICATIONS (ABSTRACTS)**

15:45 Adhesive Restorations after Vital Pulp Therapy in Severely Affected Molars with MIH
Aldo Ivan Guzman de Hoyos, Mexico

15:55 Global Prevalence of Molar–Incisor Hypomineralisation Diagnosed Using Ghanim et al. (2015) Criteria: A Systematic Review
Mesaf Brejawi, UAE

16:05 Knowledge and Treatment Strategies for Molar Incisor Hypomineralization Among Portuguese Dentists: A Cross-Sectional Survey
Ana Norton, Portugal

16:15 Molar Incisor Hypomineralisation in Schoolchildren: Asymmetric and Symmetric Patterns and Their Impact on Mastication-Related Quality of Life
Julia Carrer Hallak, Brazil

16:25 Global, Regional, and Sex-Specific Prevalence of Molar Incisor Hypomineralization: A Systematic Review and Meta-Analysis
Marta Mazur, Italy

16:35 Environmental Toxicants as Potential Contributors to Developmental Enamel Defects
Katia Jedeon, France

16:45 Effect of Carbamide Peroxide Bleaching on Protein Content in Artificial MIH-Like Enamel Lesions
Alan Leon Sinanovic, Germany

16:55 Low-Dose Exposures to Endocrine-Disrupting Chemicals Alter Enamel Development in a Sex-Specific Manner
Sylvie Babajko, France

17:05 Optimising Local Anaesthesia for Molar Incisor Hypomineralisation: A Randomised Controlled Comparison of Combined Infiltration–Intraosseous Injection and Inferior Alveolar Nerve Block
Marwa Baraka, Egypt

17:15 Decoding Molar Incisor Hypomineralization (MIH) Etiology: The Genetic – Environmental Interplay
Valentina Luppieri, Italy

20:00-22:30 Networking Experience (Optional)

Friday, 12 February 2027

08:00-18:00	Registration	
09:00-10:30	**SESSION 6: PULP TREATMENT AND MIH (DIRECT CAPPING & PULPOTOMY)**	
09:00	Vital Pulp Therapy in Young Permanent Teeth: Pulpotomy as a Predictable endodontic Strategy in the MIH Era **Georg Benjamin**, Germany	
09:30	Children with MIH Deserve Vital Pulp: Solving Complex Clinical Challenges **Jorge Casian**, Mexico	
10:00	Clinical Decision Pathways in MIH: A Continuum from Minimally Invasive to Pulp Therapy **Ola Al-Batayneh**, Jordan	
10:30-11:00	**Coffee Break with Light Bites**	**Exhibition Area**
11:00-12:30	**SESSION 7: FIGHTING HYPERSENSITIVITIES**	
11:00	Unmasking the Sensitivity: Why MIH Teeth Hurt **Greig Taylor**, UK	
11:30	The MIH Dental Hypersensitivity Tool **Joana Monteiro**, UK	
12:00	Cracking the Sensitivity Code: Effective Management of Hypersensitive MIH Teeth **Katrin Bekes**, Austria	
12:30-13:30	**Lunch Break**	**Exhibition Area**
13:30-15:00	**SESSION 8: FREE COMMUNICATIONS (ABSTRACTS)**	
13:30	From Clinical Questions to Community Care: An Integrated Research, Education and Clinical Care Model for Children with MIH **Fabricio Kitazono de Carvalho**, Brazil	
13:40	Clinical Comparison of CAD/CAM Nanohybrid Composite and Hybrid Ceramic Overlays in MIH-Affected First Permanent Molars in Children: A Split-Mouth Randomized Clinical Trial **Alp Akça**, Türkiye	
13:50	Does Atraumatic Restorative Treatment Modify the Preferred Chewing Side in Children with Unilateral MIH? **Tatiana Azevedo Pecego**, Brazil	
14:00	Long-Term Changes in Pulpal Oxygen Saturation Following Resin Infiltration in Permanent Incisors Affected by Molar Incisor Hypomineralisation: An 18-Month Prospective Clinical Study **Thalia Carvalho de Almeida dos Santos**, Brazil	
14:10	Understanding of Molar Incisor Hypomineralisation Among Dental Students: A Pilot Study **Seray Sahin**, Turkiye	

14:20	Reports of Bullying in Children with Developmental Enamel Defects: A Case Series **Maria Julia Delsin Gallo**, Brazil	
14:30	Can a New Silicon-Enriched Toothpaste Reduce Hypersensitivity in MIH Patients? A Randomized Clinical-Trial **Marco Paschoal**, Australia	
14:40	60-Month Clinical Performance of Glass Hybrid and Short Fiber-Reinforced Composite Restorations in MIH-Affected First Permanent Molars: A Split-Mouth Study **Nur Kodaman Dokumacigil**, Turkiye	
14:50	Minimally Invasive Aesthetic Rehabilitation Of Amelogenesis Imperfecta In Children **Libi Al-Muzian**, UK	
15:00-15:30	**Coffee Break with Light Bites**	**Exhibition Area**
15:30-17:00	**SESSION 9: PAIN MANAGEMENT: PREMEDICATION, LOCAL ANESTHESIA & TECHNIQUES**	
15:30	Pain-Management for Children and Adults **Jan De Laffolie**, Germany	
16:00	Pain-Management in Children with MIH: Medications and Techniques for Pain-Free, Gentle Treatment **Monty Duggal**, UK	
16:30	Intraosseous Anesthesia an Effective Alternative Local Anesthesia Technique **Elias Berdouses**, Greece	
17:00-18:00	**RAPID POSTER PRESENTATIONS** Each poster will be presented as an oral presentation for 3 minutes	
20:00-23:00	**Gala Dinner (Optional)**	

Saturday, 13 February 2027

08:00-14:00	Registration
08:30-09:30	**RAPID POSTER PRESENTATIONS** Each poster will be presented as an oral presentation for 3 minutes
09:30-10:30	**SESSION 10: ARTIFICIAL INTELLIGENCE AND MIH**
09:30	AI for Caries Diagnostics using Radiographic Imaging and Intraoral Scanning with Special Emphasis on MIH **Michael Bornstein**, Switzerland
10:00	Practical and Ethical Aspects of Medical AI **Jan De Laffolie**, Germany
10:30-11:00	**Brunch Break** **Exhibition Area**
11:00-12:00	**SESSION 11: AESTHETICS AND MIH**
11:00	Adhesive Anterior Restorations: Direct vs. Indirect **Roland Frankenberger**, Germany
11:30	Principles of Direct Anterior Restorations: Evidence-based Clinical Updates for Minimally Invasive Dentistry **Bora Korkut**, Turkiye
11:00-13:30	**Closing Session: Interactive Session & Awards**
12:40	Interactive Presentation
13:10	Awards for Best Oral and Poster Papers
13:25	Closing of AMIT 2027

POSTER PRESENTATIONS

Preliminary List

Friday, 12 February 2027

1. Comprehensive Management of a 10-Year-Old Patient with Molar Incisor Hypomineralization: A Case Report
   Seyma Abdulrezzak, Turkiye

2. Management of MIH-Affected First Permanent Molars: A 3-Year Follow-Up Case Report
   Neslihan Atmaca, Turkiye

3. Minimally Invasive Management of Molars Affected by Molar Incisor Hypomineralization with Post-Eruptive Breakdown: A Case Series
   Thalia Carvalho de Almeida dos Santos, Brazil

4. Stepwise Minimally Invasive Management of Hypomineralized Enamel Lesions in a Pediatric Patient
   Andrea Culcean, Romania

5. 18 Months Follow-Up of Bullying and Oral Health-Related Quality of Life After Resin Infiltration in Children with Molar-Incisor Hypomineralization
   Maria Julia Delsin Gallo, Brazil

6. MTA Pulpotomy and Indirect Restorative Management in Young Permanent Molars with Molar Incisor Hypomineralization (MIH): A 5-Year Case Follow-up
   M. Dilsah Demiray, Turkiye

7. Resin Infiltration for Esthetic Management of MIH-Associated Maxillary Incisor Opacities: A Case Report
   Melda Donmez, Turkiye

8. Multidisciplinary Management of Severe Molar-Incisor Hypomineralization-Like Lesions with Generalized Enamel Hypoplasia: A 24-Month Follow-Up Case Report
   Ali Mentes, Turkiye

9. Minimally Invasive Therapeutic Approach in a Complex Case of Enamel Defects
   Ana Norton, Portugal

10. Enhancing Enamel Defects Diagnosis Using 3D Educational Models: A Randomized Clinical Trial
    Marco Paschoal, Australia

11. Molar Substitution in MIH: From Compromise to Proactive Approach on Form and Function
    Kimberly Patterson, USA

12. More Than a Tooth Defect: Periodontal and Microbiological Implications of MIH
    Kimberly Patterson, USA

13. Assessment of Gelatinolytic Activity in Teeth with Molar-Incisor Hypomineralization: A Pilot Study
    Heloisa Rodrigues Vischi, Brazil

14. Resin Infiltration as an Enamel Reinforcement Strategy Prior to PMMA Crown Cementation in a Severely Affected Molar with Molar-Incisor Hypomineralization: A Case Report
    Heloisa Rodrigues Vischi, Brazil

15. Clinical Performance of CAD/CAM-Fabricated Indirect Restorations in MIH-Affected Permanent Molars: A Systematic Review and Meta-Analysis
    Efsal Yanilmaz, Turkiye