

ERLANGEN
» 2024

31. JAHRESTAGUNG

Kinderzahnmedizin
im Wandel der Zeit



»WO: Heinrich-Lades-Halle
»WANN: 26.09. – 28.09.2024



Prof. Dr. Alaa Bani Hani

Biological Caries Management 1 and 2

Summary

These two complimentary talks will be aimed at highlighting an important shift in the trend for caries management in primary and young permanent molars. For several decades it was believed that due to early pulp involvement in primary molars with proximal caries, radical pulpal interventions such as pulpotomy, were required before the coronal restoration of the molars. However, a better understanding of pulp inflammation and pulp healing modalities have led to a change in treatment planning and the use of pulp therapy in management of primary molars with large proximal lesions has gradually reduced. The emphasis is on providing treatment modalities that allow inflamed pulp to heal. This requires amongst other factors, the provision of a good coronal seal. Minimal intervention in paediatric dentistry has gradually gained acceptance with clinicians and techniques such as the Hall Technique are now widely accepted. Several clinical trials have now shown that these minimally invasive contemporary approaches are as successful as the more radical conventional approaches. These two talks will explore the scientific rationale for minimal contemporary approaches and present techniques that would give predictable pulp healing and excellent long term outcomes.

Curriculum Vitae

Dr Alaa Bani Hani is a consultant in paediatric dentistry at Kings College Dental Hospital-London, UK. She is the chair of the British Society of Paediatric Dentistry Teacher's Branch, and the Teachers' Branch representative at the Quality Improvement Research and Committee. In addition, she is a member of the Royal College of Surgeons-Edinburg Speciality Advisory Board in paediatric dentistry and a member of the British Society of Paediatric Dentistry Media team.

Alaa obtained the Bachelor Degree in Dental Surgery in 2006. Following that she worked as a General Dental Practitioner for three years before she obtained her clinical masters in Paediatric Dentistry in 2010. In 2016, she was awarded PhD in Paediatric Dentistry from School of Dentistry, University of Leeds-UK. Her PhD aimed to assess the outcomes, cost effectiveness and treatment acceptance of different caries

management techniques in children. Following that she was appointed as NIHR funded a Clinical Lecturer and Specialty Registrar in Paediatric Dentistry at University of Leeds and Leeds Dental Institute in 2017-2021. Alaa became a specialist in paediatric dentistry in 2021 and a consultant in 2023.

Alaa Bani Hani is a regular speaker at national and international conferences. She has more than 18 peer-reviewed publications mainly in the field of dental caries prevention and arrest as well as tooth wear. Her most recent publication 'Minimal intervention dentistry for managing carious lesions into dentine in primary teeth: an umbrella review' has contributed to the development of the European Academy of Paediatric Dentistry guidelines on caries management in children. Alaa is a co-author of these guidelines.

Alaa was awarded the first poster prize at the European Academy of Paediatric Dentistry in Turin-Italy (2017) for her PhD work and the second poster prize at the Health Education England Academic Presentation Day in York (2017) for Clinical Lecturers category for her collaborative research project "Raised in Yorkshire: Supporting School Children to Undertake Oral Health Projects". The latter won the University of Leeds Public Engagement award for doing research in partnership in 2017.