



Professor Marie Therese Hosey is the head of Paediatric Dentistry at Kings College London and Honorary Consultant at Kings College Hospital and Guys Hospital, London.

She completed her speciality training in Birmingham and was a reader in Paediatric Dentistry in the University of Glasgow before joining KCL in 2008. She has contributed to six dental and medical textbooks and is editor of four. She has examined dental students at all levels both at home and abroad.

She is one of the few UK dentists to have trained in anaesthesia. Her research interests are the pharmacological and behavioural management of anxious children, especially those who need general anaesthesia and the genetics of children with clefts. Her research funding has been mainly for Phase III randomised controlled clinical trials from NIHR and the Scottish Chief Scientist office.

Lecture outlines

1. The challenge of Early Childhood Caries- what can we do?

Early Childhood Caries is the most prevalent disease in children in the world today. Every country, rich or poor, developed or undeveloped struggles to deal with it. In this lecture we will look at ECC with a fresh eye and explore some of the recent evidence and developments that might help us to help the children and the families whom we treat; both nationally and in our local practices. Given developments in caries management- can we treat more caries preventively?

2. Sedation and general anaesthesia for paediatric dental procedures: a comprehensive view, approach and look to the future

Sometimes it is important just to stop, to look at the evidence and to look beyond the pharmacology to the child and to their dental disease. In this lecture we will begin with a broad overview of sedation before focusing on the details and secrets that lie within the evidence. Following this we will look at the most common disease of childhood in the world today, namely early childhood caries and look to find ways in managing these children who present with it. We will also challenge current accepted practices for managing carious first permanent molars: do we really need to extract?



Lorna Macpherson is Professor of Dental Public Health at the University of Glasgow and Honorary Consultant in Dental Public Health for NHS Greater Glasgow and Clyde. She is the Director of Dental Research within the College of Medical, Veterinary & Life Sciences, University of Glasgow. Her work focuses on approaches to improve population oral health and reduce dental health inequalities. She is involved in the development and evaluation of public health interventions, with a particular focus on child dental health. Her research includes clinical trials and natural experiments and utilises data linkage. She is Co-Director of the Scottish Government's Childsmile Programme and advises overseas agencies and governments on the development and evaluation of similar initiatives. She was elected a Fellow of the Royal Society of Edinburgh in 2017.

Lecture Outline

Professor MacPherson will cover the background to Childsmile in Scotland, its development using a theory-based approach, the evaluation of the programme, current activity and plans for the future development of the programme with the recent publication of the new *Oral Health Improvement Plan* from the Scottish Government.



Brid Hendron is a qualified dentist and communication coach. Her clinical interests have always been shaped by an interest in working with nervous patients to eliminate dental related anxiety and reintegrate them into mainstream care. Brid is a qualified NLP trainer and is qualified in hypnosis. She also provides customised training for healthcare professionals and their teams to optimise performance and eliminate stress. She presents extensively on these subjects at seminars across the UK. Brid also enjoys roles as Postgraduate Dental Dean and as Regional Lead for Community & Hospital dental services and Dental Public Health in Northern Ireland.

Lecture Outline

“Be not afraid...” Understanding the nervous patient

This seminar offers an opportunity to provide some insight into the internal experience of nervous and anxious children. This insight and perspective can often assist us in our high intentions when working with anxious children.

By the end of the seminar delegates will:

- Have an understanding of how dental phobias develop (NLP model) from stored memory.
- Have an appreciation as to why dental anxiety related to a past event often presents during current treatment.
- Have an understanding of the impact of anxiety on how nervous patients interact with us in our role as dental professionals.