

Title: Minimum intervention oral care (MIOC) - evidence to clinical implementation

Abstract

The transition from a traditional operative, disease-focused approach to a salutogenic, sustainable, person-centred model of care marks a fundamental paradigm shift in contemporary dentistry. Minimum Intervention Oral Care (MIOC) prioritises prevention and minimally invasive interventions, delivered through a collaborative team approach that promotes health rather than simply treating disease.

This symposium explores how scientific and clinical evidence can be translated into everyday shared decision-making to prevent disease, maintain optimal oral and dental health, preserve tooth structure when intervention is necessary, and enhance the longevity of the tooth–restoration complex, ultimately improving patient outcomes.

Through focused discussions on philosophy, material selection, and consensus-driven guidance, this session bridges research and clinical practice, offering practical insights for modern operative dentistry.

Program Outline

1. Welcome & Introduction (5 min) Chair's opening remarks Professor Hrvoje Jurić
2. The Minimum Intervention Oral Care (MIOC) Philosophy Uncovered (25 min) Professor Avijit Banerjee
3. Materials Selection: Glass Hybrids, Composites, and Glass Ionomer Liners (25 min) Professor Ivana Miletić
4. Consensus Paper Review (25 min) Professor Falk Schwendicke

Moderator:

Prof. Hrvoje Jurić, MS, PhD

Hrvoje Jurić (born 1971 in Vinkovci) graduated from the School of Dental Medicine, University of Zagreb, in 1995, where he later obtained his MSc (1999) and PhD (2002). He was appointed Full Professor with tenure in 2018.

He has authored more than 100 scientific papers and co-authored 13 university textbooks, while actively participating in continuing education for dental professionals through numerous lectures and hands-on courses.

Prof. Jurić is a member of several national and international professional associations and has served as President of the Croatian Dental Society since 2015. Since 2014, he has been Head of the Department of Paediatric and Preventive Dentistry at the School of Dental Medicine, University of Zagreb, and since 2024 Vice-Dean for Integrated Studies and Students.

His professional interests include caries prevention, oral microbiology, paediatric endodontics, dental traumatology, and aesthetic reconstructive procedures.



Speakers:

Prof. Avijit Banerjee

Prof. Avijit Banerjee is a leading international authority in cariology, operative dentistry, and minimally invasive oral care, with over 25 years of scientific, clinical, and academic impact in his field. He holds the position of Professor of Cariology & Operative Dentistry at King's College London, alongside an honorary consultancy in Restorative Dentistry at Guy's & St. Thomas' Hospitals Foundation Trust. He currently holds three international honorary chairs and is a member of the Board of Trustees of the UK Oral & Dental Research Trust (ODRT).



Prof. Ivana Miletić

Prof. Ivana Miletić was born in 1971 in Zagreb, Croatia. She graduated from the School of Dental Medicine in Zagreb in 1995 and joined the Department of Endodontics and Restorative Dentistry in 1996. She completed her Master's degree in 1998 and defended her doctoral dissertation in 2000, followed by her specialist examination in 2004.

Miletić has built a distinguished academic career at the University of Zagreb School of Dental Medicine, progressing through all academic ranks. She was appointed Assistant Professor in 2001, Associate Professor in 2005, and Full Professor in 2008, attaining permanent tenure as Full Professor in 2013. She is actively involved in both clinical and pre-clinical teaching, and serves as course director on the doctoral study programme, the postgraduate specialist study programme, and in continuing dental education courses.



Prof. Falk Schwendicke

Prof. Falk Schwendicke is one of the most highly cited dental researchers in the world and a pioneering figure in the fields of cariology, artificial intelligence in dentistry, and health services research. He studied dentistry at the Charité – Universitätsmedizin Berlin (2003–2008), obtained his doctorate there in 2009, and completed his Habilitation (venia legendi) in 2015. He subsequently earned a Master of Dental Public Health (MDPH) from the University of Manchester and qualified as a Specialist in Restorative Dentistry.

