

Foreword



Prof. Martin Tyas

Welcome to the first issue of Volume 2 of the Journal of Minimum Intervention in Dentistry.

Three of the seven papers deal with glass-ionomer cements, which have a significant place in minimum intervention operative dentistry because of their unique properties of self-adhesion to the dental hard tissues, release of fluoride, bio-acceptability and the potential to remineralise affected (inner carious) dentine. Davidson reviews advances in glass-ionomer cements, and contrasts them with resin-based composites. Bona et al. and Mauro et al. investigate the microleakage and bond strength respectively of glass-ionomer cements in the laboratory, and give useful guidance on clinical

techniques. However, it must always be remembered that laboratory data are a guide only, as dentine in a tooth in the mouth is different from the dentine of an extracted tooth. Barata et al. report a pilot study comparing a 'chemo-mechanical' approach and the Atraumatic Restorative Treatment (ART) approach to the restoration of caries lesions. After 1 year, there was no significant difference in survival rates of restorations ($\geq 97\%$).

Minimally invasive dentistry often focuses on operative techniques, but Whitehouse reminds us that the concept also includes decisions regarding onlays, crowns, bridges and implants, as well as in periodontics. Indeed, minimal intervention embraces an entire concept of patient management, not just clinical procedures. It is therefore timely that Walsh discusses the dry mouth, an important contributing factor to dental caries. In the final paper, Hmud and Walsh review dental anxiety. This is also timely, as there are relatively few papers on this subject in recent years, and the authors offer useful techniques to manage the problem. Notably, minimum intervention operative techniques are important for the anxious patient.

The editors hope you enjoy your reading!

M. Tyas



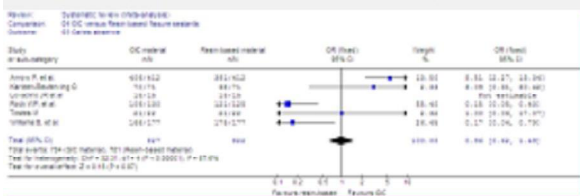
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