

# Management of the deep carious lesion: a literature review

## Abstract

**Statement of the problem:** The management of the deep carious lesion is a topic of keen interest to the dental profession with many and varied treatment modalities advocated in the scientific literature.

**Purpose of the study:** This literature review proposes to summarise current consensus approaches and scientific thinking in this area. Some new treatment advances have been advocated in recent years and their efficacy is also examined. Topics and areas of interest are proposed for future research.

**Methods:** The studies examined in this review were based on searches online in the PubMed, Embase, and Google Scholar search engines, and Cochrane reviews, and include systematic reviews and consensus papers, as well as observational studies, randomised controlled trials and meta-analyses.

**Conclusion:** Problems exist in this area regarding precise definitions and measurement of deep carious lesions in practice, and standardisations of measurement do not currently exist. This is an area where further study and research would be welcome.

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### Dr Brenda Barrett

BDentSc MClintDent  
General practitioner  
Pembroke Dental  
Carlow

### Dr Michael O'Sullivan

Senior Lecturer/Consultant in Restorative Dentistry (Special Needs)  
Department of Restorative Dentistry and Periodontology  
Dublin Dental University Hospital  
Lincoln Place, Dublin 2

**Corresponding author:** Dr Brenda Barrett, Pembroke Dental, Pembroke, Carlow Town, Co. Carlow.  
T: 059-913 1667 E: bbarrett@pembrokedental.ie