

The Marriage of Endodontics & Implants

Johanna P. Glennon, M.A., B. Dent.Sc., M.Sc.,

Much of the dental academic literature and popular dental press addresses endodontics and implants in a very confrontational style. This fails to recognise the collaboration that exists between endodontics and implant therapy. *The common ground is the issue of bone.*

The importance of assessing the vitality and endodontic status of teeth adjacent to a proposed implant site is discussed. Through a series of case presentations I will also look at the value of site preservation in the younger patient and also how a site can be developed to facilitate implant placement through endodontic therapy. This may be as part of a simple or complex treatment plan and there may be a need to preserve teeth or bone over extended periods to accommodate staged treatment plans.

Learning Objectives

- (1) Understand the importance of assessing the vitality of teeth adjacent to a proposed implant site.
- (2) Understand the importance of assessing the endodontic status of root treated teeth adjacent to a proposed implant site.
- (3) Understand the importance of assessing the endodontic status of teeth adjacent to a recently placed implant site especially if symptoms develop.
- (4) Understand the role of endodontics in site preservation and site development for implant placement.

Endodontics in 2010-Where are we?

Johanna P. Glennon, M.A., B. Dent.Sc., M.Sc.,

This presentation will cover how we address some of the challenges we face during root canal treatment. It will look at identifying, accessing and enlarging the main canal while focusing on visual inspection, knowledge of anatomy, radiographic assessment and applying this to clinical practice. The concept of taper and the benefits of coronal preparation in advance of apical preparation will be discussed along with avoiding procedural errors (ledge, blockage, etc.) in instrumentation. Guidelines to establishing and maintaining the working length will be reviewed. The size of the apical preparation to allow adequate cleaning will be discussed along with the role of irrigation, the choice of irrigant and medication in the chemomechanical preparation of the root canal system. The presentation will be directed towards clinical practice.

Learning Objectives

- (1) Understand the importance of radiographic assessment prior to and during root canal treatment.
- (2) Develop an appreciation of access cavity design.
- (3) Understand taper and its role in canal preparation.
- (4) Develop the knowledge to limit procedural errors during instrumentation
- (5) Understand the importance of irrigation and the choice of irrigant.
- (6) Understand the arguments for single or multiple visit endodontics.

Curriculum Vitae



Johanna Glennon qualified from Dublin in 1984 and worked for eight years with the National Health Service in the United Kingdom. In 1994 she completed her Masters in Endodontics with Distinction at the University of London. Since then she has been in practice limited to Endodontics and is a part-time clinical demonstrator/lecturer at Dublin Dental Hospital, teaching at undergraduate and post-graduate level. She is one of the three course organisers of the endodontic module for the Diploma in Clinical Dentistry, postgraduate programme at Dublin Dental Hospital. She is a Past President of the Irish Endodontic Society and was actively involved on the committee for 11 years. During her Presidency Ireland hosted the 12th Biennial conference of the European Society of Endodontology. She has both organised and given practical endodontic courses in Ireland and has lectured nationally and internationally.