



CV: Associate professor Thomas Kvist, DDS, PhD

Thomas Kvist has practiced general dentistry in Sweden and in Sorrento, Italy. He completed specialization in endodontics in 1993 and received his PhD in 2001 at the Department of Endodontology, University of Gothenburg, Sweden where he is presently head and holding a position as associate professor. For several years, he was director of the postgraduate program and head of the Specialist Clinic for Endodontics at Public Dental Service in Gothenburg. He has published articles in peer-reviewed journals on decision-making and clinical outcome in endodontics. He also authored several textbook chapters and edited a textbook on apical periodontitis in root- filled teeth. He also co-authored textbooks of endodontics as well as dental ethics in Swedish. Thomas Kvist participated in the project group for the report Methods of Diagnosis and Treatment in Endodontics published in 2010 by the Swedish Council on Health Technology Assessment (SBU) and Swedish National Board of Health and Welfare's work to provide National guidelines for adult dental care. He is a member of the editorial board of the International Endodontic Journal. Thomas Kvist is also a participant in the Endodontic Research Collaboration in Scandinavia (EndoReco)

The philosophy and theory of evidence-based endodontics

More than 100 years of clinical experience and scientific research have generated a substantial base of knowledge in endodontics. In more recent years the development of a new model for evaluating clinical procedures, namely that associated with evidence-based medicine/dentistry has emerged and the scientific basis for the diagnostic and treatment procedures that we apply in our everyday clinical practice has been questioned.

In this presentation the concept of evidence based endodontics will be reviewed and critically discussed from a clinical as well as a scientific point of view. Finally, a forecast of future challenges of endodontic practice and research will be presented.

Decision-making in endodontic practice-retreatment or surgery?

Endodontic retreatment is the distinctive feature of many specialist clinics in endodontics and retreatment methods and techniques are frequently presented at conferences, in journal papers and in textbooks. Available modern equipment has made both non-surgical and surgical retreatment methods more precise and the outcome more predictable. However, high-quality scientific evidence of the benefits of retreatment of asymptomatic teeth compared to conservative monitoring is meagre. Still, many root-filled teeth require further intervention to resolve clinical symptoms. This presentation will provide a guide to the diagnosis of apical periodontitis in root filled teeth as well as a basic key for choosing between a non-surgical or surgical approach.

