

OVE ANDREAS PETERS

Presentation 1

Endodontic Biology: What have we learned from a decade of pulp regeneration?

Classic endodontic biology included the microbiology and immunology related to pulpal and apical disease. For more than a decade however, efforts to regenerate a functional pulp-dentin complex have played a major role in published research and also clinical perspective in endodontics. This presentation traces back the efforts and critically examines if we are truly able to regenerate pulps.

More importantly, a discussion is introduced to describe which other, possible unintended consequences the research efforts have had and continue to have on the scientific underpinning of our daily practices. Concrete examples are the potential extension of the spectrum of vital pulp therapy and the possibility of future biologic treatment avenues.

In conclusion, a case is made that we have indeed learned a lot about endodontic biology in the last decade and this will advance clinical efforts in the next 10 and more years.

Presentation 2

Changing the approach: a restoratively driven path to endodontic excellence

In addition to the conventional understanding of endodontic success determined by apical health, it has become evident that long-term retention is an important measure for the effectiveness of root canal treatments.

Clinicians have witnessed quite dramatic changes in clinical endodontics, marked by the emergence of new technologies such as the microscope, nickel-titanium rotary files and also the increased use of dental implants. This presentation will focus on clinical procedures dedicated to preserve restoratively relevant dentin using new technologies; typical usage patterns that enable clinicians to perform endodontic therapy more successfully will be highlighted.