



**European Society of Endodontology**

**ESE RESEARCH MEETING**

**FRIDAY, 26 OCTOBER 2018**

**ACTA, AMSTERDAM, THE NETHERLANDS**

**Deep caries and the exposed pulp:  
current and emerging therapeutic perspectives**

**AND**

**ESE CLINICAL MEETING**

**SATURDAY, 27 OCTOBER 2018**

**ACTA, AMSTERDAM, THE NETHERLANDS**

**Clinical challenges and current trends in access cavity design  
and working length determination**

# ESE RESEARCH MEETING

FRIDAY, 26 OCTOBER 2018

ACTA, AMSTERDAM, THE NETHERLANDS

## Deep caries and the exposed pulp: current and emerging therapeutic perspectives

The 2018 ESE Research Meeting will provide participants with an update on management of the deep carious lesion and vital pulp therapies. The key aims are:

- To understand the evidence-base and gaps in knowledge;
- To determine the priorities for future research;
- To develop a European endodontic research group by engaging practitioners, scientists, multi-centred networks;
- To consider how future research may be funded.

### Timetable

#### MANAGING DEEP CARIES AND PULPAL DISEASE: IS EXPOSING THE PULP A PROBLEM?

##### 9.00-9.10 Introduction and overview

##### 9.10-9.50 Lars Björndal (Copenhagen, Denmark)

Management of deep caries, running multi-centred trials and unanswered questions.

##### 9.50-10.30 Luc van der Sluis (Groningen, the Netherlands)

Minimally invasive endodontics - A new diagnostic system for assessing pulpitis matched to subsequent treatment needs

##### 10.30-10.45 Discussion

##### 10.45-11.10 Coffee

##### 11.10-11.50 Dan Rechenberg (Zurich, Switzerland)

New age pulpal diagnostics – can we accurately determine the state of the pulp if exposed or not?

##### 11.50-12.30 Stephane Simon (Paris, France)

Preventive endodontics, coronal pulpotomy and carious exposures. What do we know and what should we be doing?

**12.30-12.45 Discussion**

**12.45-13.45 Lunch and networking**

**VITAL PULP THERAPEUTICS – WHAT IS THE CURRENT UNDERSTANDING AND WHERE SHOULD WE BE GOING?**

**13.45-14.25 Paul Cooper (Birmingham, UK)**

Therapeutic considerations within the dentine–pulp complex: a scientist’s perspective

**14.25-15.05 Domenico Ricucci (Cetraro, Italy)**

Pulp-material interface in sound and carious teeth, inflammatory response and diagnostic issues

**15.05-15.20 Discussion**

**15.20-15.40 Coffee**

**15.40-16.20 Hal Duncan (Dublin, Ireland)**

Vital pulp treatment materials - development of the next generation of biomaterials aimed at biological processes

**16.20-17.00 Kerstin Galler (Regensburg, Germany)**

Disinfection, irrigation and maximising the influence of dentine in vital pulp treatments

**17.00-17.15 Discussion**

**17.15-17.30 Round up, group discussion, next steps and close**

## **ESE CLINICAL MEETING**

**SATURDAY, 27 OCTOBER 2018**

**ACTA, AMSTERDAM, THE NETHERLANDS**

### **Clinical challenges and current trends in access cavity design and working length determination**

The 2018 ESE Clinical Meeting will provide participants with an update on current concepts of access cavity design and preparation as well as how to assess working length during root canal treatment. The key aims are:

- To describe the most recent progress in term of technology and clinical approaches to both access cavity design/preparation and working length determination;
- To discuss gaps in knowledge and deficiencies in the available technology for access cavity preparation and working length determination;
- To consider the establishment of multi-centred clinical studies to evaluate the impact of access cavity design and methods of determining working length;
- To consider whether the proposed topics are worthy of an ESE Position statement.
- To develop discussion and eventually consensus on the proposed topics to inform the new ESE quality guidelines.

#### **Timetable**

#### **ACCESS CAVITIES: WHAT IS MINIMALLY INVASIVE? WHAT ARE THE ADVANTAGES AND WHAT ARE THE RISKS?**

**9.00-9.30 Introduction and overview**

**9.30-10.40 Gabriel Krastl (Germany) - CBCT guided endodontic access cavities**

Basic principles of access cavity design. Locating canals. Management of calcified canal systems. The use of CBCT for guided access cavities

**10.40-11.00 Coffee**

**11.00-12.10 Antonis Chaniotis (Greece) - Rationale approach to access cavity design**

Differences between traditional, minimally invasive and “ninja access” cavities: a critical approach. Influence of access cavity design on instrumentation of canals. How to deal with iatrogenic errors in access cavities.

**12.10-13.00 Discussion**

**13.00-14.00 Lunch and networking**

**WORKING LENGTH DETERMINATION: WHERE IS THE APICAL LIMIT? CAN WE PREDICTABLY DETECT THE CANAL TERMINUS?**

**14.00-14.20 Introduction and overview**

**14.20-15.30 Ashraf ElAyouti (Germany) – A scientific approach to working length determination**

The anatomy of the root apex. Where is the canal terminus? The use of electronic apex locators. Tips and tricks to determine the end-point of canal preparation and filling

**15.30-15.50 Coffee**

**15.50-17.00 Vittorio Franco (Italy) – A clinical approach to working length determination**

2- and 3-dimensional radiographic approaches to working length determination. Clinical control of WL. How can it change, when and how should we measure working length? Clinical relevance of over- and under-instrumentation

**17.00-17.30 Discussion**

**17.30-18.00 Round up, group discussion, next steps and close**