

## **BLACK HOLES - Radiographic diagnosis of periapical periodontitis using CBCT**

We all routinely use periapical radiographs to aid us with the management of periapical periodontitis (black holes), as well as to assess the outcome of endodontic treatment we carry out. However, radiographs have several limitations, which do have an impact on their overall diagnostic accuracy.

It is now well established that CBCT is a more accurate imaging system than periapical radiography.

This presentation will describe the results of the first series of prospective clinical studies assessing the impact of CBCT on the outcome of pulp capping, primary and secondary endodontic treatment carried out by the KCL research group.

## **PINK SPOTS - Diagnosis & management of external cervical resorption**

The majority of literature published on external cervical resorption (pink spots) is either a repetition of previous review papers or case (series) reports. It seems to me that not only is the nature of external cervical resorption poorly understood, but also is under-diagnosed and poorly managed.

The aim of this presentation is describe the nature, diagnose and management of external cervical resorption.

### **CV:**

Shanon Patel. BDS, MSc, MClintDent, FDS, MRD, PhD  
Consultant / Senior Lecturer in Endodontics.

I divide my time between working in a multi-disciplinary specialist practice in central London (4 days/week), and teaching future Specialist Endodontists in the Postgraduate Unit at Kings' College London (KCL) (1 day/week).

My PhD thesis assessed the use of CBCT in the management of Endodontic problems. I dabble in research, and have co-supervised over 30 Masters and PhD students.

My primary research interests reflect some of the interesting challenges I face in everyday clinical practice and include survival of teeth, root resorption, managing dental trauma, and the use of CBCT in Endodontics. As a result, I regularly lecture on these topics both nationally and internationally.

I have been the lead author of National and European (ESE) guidelines on dental imaging in endodontics, and have also published over 60 papers in peer reviewed scientific journals, co-edited 4 textbooks and written 10 book chapters.

