

## **CLINICAL SCENARIO (25 minutes)**

### **HISTORY**

A 47-year-old female was referred after her GDP noticed a cavity in the palatal surface of the maxillary right central incisor. The patient felt that the tooth was slightly loose. The patient had been aware of the above problems for approximately 4 months. She had experienced no pain from the tooth and was unaware of any discharge or bad taste. There was no history of trauma that the patient could recall. No treatment had been performed on 1/.

### **RELEVANT MEDICAL HISTORY**

There was no relevant medical history.

### **CLINICAL FINDINGS**

Extra oral: NAD

Intra-oral: soft tissues - NAD

BPE: 2/2/2 - moderately heavy deposits of supra gingival calculus.  
2/2/2

Teeth present: 7654321/1234567  
7654321/1234568

No caries detectable clinically in any posterior teeth.

- 1/
- buccally: NAD;
  - palatally: 2-3mm wide cavity at palato-cervical margin;
  - tip of probe passes 2mm horizontally into defect;
  - no mobility;
  - not tender to percussion.

### **OCCLUSION**

- Class I incisors on Class I Skeletal base;
- intact arches, stable posterior occlusion;
- group function in (R) lateral excursion;
- canine guidance in (L) lateral excursion;
- shared guidance on incisors in protrusion.

### **SENSITIVITY TESTING**

- all maxillary anterior teeth respond positively to sensitivity testing with ethyl chloride and electrical pulp tester.

### **RADIOGRAPHS AND CLINICAL IMAGES**

- (provided below)

### **QUESTIONS FOR CANDIDATE**

- Questions will focus on the nature of the problem, the treatment options and further management

