

# Direct Observation of Procedural Skills (Surgical DOPS)

## Trainer/Trainee Guidance Points

These guidance points are to be used in conjunction with point 6 ('performs the technical aspects in line with the guidance notes') on the main Surgical DOPS form. A mark should not be given for each of these points – they should instead be used to inform the mark to be given for point 6.

**Specialty:** Orthodontics

**Procedure:** Assessment and interpretation of CBCT radiograph

### Steps to be performed

1. Ensure appropriate equipment is readily available
2. Check previous dental records of patient including radiographs
3. Be able to explain why taking a CBCT radiograph is justified for patient
4. Understand the difference between large Field of Volume and small Field of Volume scans
5. Be able to open the CBCT scan and describe features shown
6. Be able to manipulate the software to adjust contrast and navigation
7. Be able to manipulate a 3D reconstruction of the CBCT as a communication aid for patients\*
8. Be able to describe dental and maxillofacial anatomy shown in the scan
9. Identify anatomical structures such as the inferior alveolar nerve, greater palatine canal, mental foramen
10. To localise impacted teeth in detail and assess whether these teeth are favourable for orthodontic guided traction
11. To understand the importance of path of guided traction
12. To navigate scans in three dimensions to assess for root resorption
13. Identify any dental anomalies and / or pathology and advise if onward referral for radiologist report is required
14. Understand the risks of increased radiation dosages necessary for CBCT
15. Ensure clinical records are completed correctly

\*Step expected if DOPS carried out at post-CCST stage of training