

## **Summary of Adverse Incidents in Orthodontics 2012**

### **1. Fractured TAD**

15 year old female. Right palatal TAD fractured after insertion with torque-reducing handpiece, used with stent. Further LA was given and surgical procedure required, with bone removal, to remove it.

Operator-Specialist orthodontist

### **2. Severe Root Resorption**

30 year old female, loose upper incisor teeth. Reports having had extended ortho during teens to expose and pull down a maxillary canine, the canine was eventually extracted as would not erupt. All upper incisor teeth now show over 50% root resorption on PA's.

Operator-Specialist orthodontist

### **3. Corroded Gold Chain**

13 year old female patient. A gold chain, previously placed on unerupted canine as a closed exposure, broke at multiple links with the chain having apparently corroded/disintegrated. This necessitated a repeat GA and a decision was made to undertake an open exposure on that occasion. This is the 2nd repeat GA needed for such an event in XXXXXX and the 9th patient affected by disintegrating .

In total 22 reports affecting over 50 patients were received. Reported in Adverse incident Newsletters May 2012 & May 2013.

Operator-Specialist (Con)

### **4. Ingested Molar Band**

15 year old female patient swallowed a molar band being selected for the LL7 prior to cementing. Size 35 was being tried in and during the procedure it came off the tooth and the patient swallowed it. The patient was checked by a GMP from the practice in the same building and then sent to the local hospital for a chest Xray. The band was not identified on the Xray. The A and E doctor discharged the patient, an assumption having been made that the band had reached the stomach or beyond. The patient has attended for several more appointments since the incident and reported no adverse symptoms.

Operator-Specialist orthodontist

### **5. Fractured distal end cutters**

19 year old male patient. Beaks of distal end cutters shattered while cutting distal end of archwire. Fragments retrieved from patient's mouth. No harm done but potential for patient to inhale or ingest fragments.

Operator-Specialist (Con)

### **6. Luxated permanent central incisor**

9 year old male with repaired CLAP undergoing orthodontic alignment prior to secondary bone grafting caught fixed appliance bracket on another child's sock while on a bouncy castle. Upper permanent central incisor luxated as a result. Attended A&E for repositioning and splinting of tooth.

Operator-Specialist (Con)