

Summary of Adverse Incidents in Orthodontics 2013

1. Allergic Reaction (Nickel or latex?)

25 year old female. Bonded Thursday 25/10/12, self etching primer, Transbond, DB Ortho MBT stainless steel brackets, 0.14 Niti archwire, American Orthodontics latex free modules, nitrile gloves used by operator
PMH latex allergy
Presented to A&E on Saturday 27th with swollen ulcerated mouth, swelling of face, neck and throat. Seen by Maxillofacial surgeons prescribed Metronidazole, and anti-histamine and a mouthwash.
Returned to Hospital Monday 29th unresolved. Debonded fixed appliance (composite left in place) and symptoms apparently subsided “straight away”.
Operator- Orthodontic Therapist.

2. Allergic Reaction (Nickel?)

12 year old female. 6 weeks post bond up, sore swollen, cracked lips.
Ulceration intra-orally. Extractions already carried out.
PMH asthma, nut allergy.
Piriton and steroid cream helped symptoms.
Referred for allergy testing
Operator-Specialist

3. Allergic Reaction (Nickel)

12 year old female. Bonded April 2012 (+Nance TPA). Sept 2012 swelling of ear lobes. Earrings removed. Nov 2012 lesions on face, uticular rash lips and chin, sores intra-orally. Appliance debonded. Symptoms resolved.
PMH acne
Subsequent patch tests indicated strong positive reaction to nickel, gold thiosulphate and Fragrance Mix II (flavoured lip balms)
Operator-Specialist

4. Corrosion of Instruments

Corrosion and blunting of instruments. Maybe the result of repeated disinfection/sterilisation.
Operator-Specialist

5. Choked on Retainer

18 year old male. Apparently experienced choking incident with upper vacuum formed retainer whilst in bed. On examining the retainer 2 days later when the patient brought it in, it was noted that the fit was not good. This may have been the cause of the incident.
Operator-Specialist