

Condition: Glanzmann thrombasthenia

Pathogenesis: Congenital (autosomal recessive)

Affliction: Fibrinogen dependent platelet aggregation (primary haemostasis)

Deficiency: Integrin alpha IIb beta3

Treatment: HLA matched platelets preoperative OR
NovoSeven (factor VIIa recombinant) preoperative – where HLA matched platelets are ineffective

Local Haemostatic Measures:

- Pressure
- Tranexamic acid
- Local anaesthetic (epinephrine)
- Sutures (lacerations)
- Bipolar
- Laser Diode
- Silver nitrate

Haematology Management Plan

1. 1 pool of HLA matched platelets to be given immediately prior to procedure, 1 pool to have for standby
2. Start Tranexamic Acid 1g TDS PO night before procedure and continue for 3 days post-procedure and Tranexamic Acid mouthwash to use post procedure

Patient: Male, 47

Diagnosis: UL6 Previously treated, symptomatic apical periodontitis

Treatment:

- Restorability assessment UL6
- Re-RCT UL6

Key Issues/Points:

- HLA matched platelets prior to treatment
- Bleeding following removal of crown
- Managed with crushed tranexamic acid tablet mixed with saline into a paste (image 3)
- Tranexamic acid paste applied to margins, pressure applied (image 4)
- Patient returned for post op haem review with paste applied and remaining around margins (image 5)
- Subsequent appointment minimal bleeding

Right – Prep Op IOPA

Below – Treatment photographs 1-8

