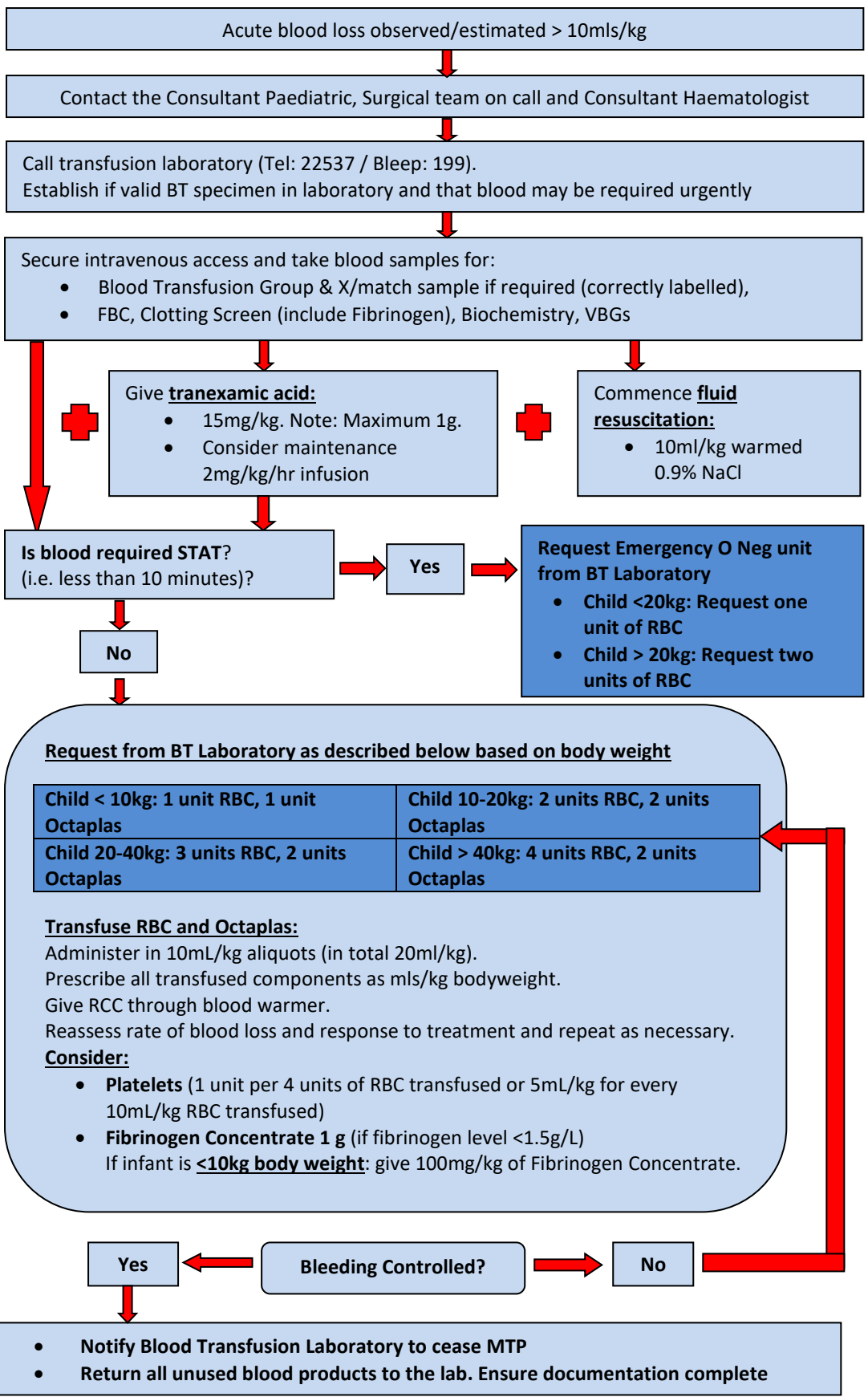


### 1.1 Appendix III - Cork University Hospital Protocol for Management of Massive Haemorrhage in Paediatrics

#### PAEDIATRIC MAJOR TRANSFUSION PROTOCOL (MTP)



**Optimise:**

- Oxygenation
- Cardiac Output
- Tissue Perfusion
- Metabolic State
- Watch ECG, O<sub>2</sub> saturation and BP

**Monitor (every 30-60minutes):**

- FBC
- PT / APTT / Fibrinogen
- Calcium and Magnesium
- VBG

**If bleeding continues, aim for:**

- Hb: > 8.0g/dL
- Platelets:
  - 50-100 x 10<sup>9</sup>/L,
  - 100 if ICH / Life threatening bleeding
- PT/APTT: < 1.5 x normal
- Fibrinogen: > 1.5g/L
- Temperature: >35°C
- pH: > 7.2
- Base excess: < 6
- Lactate: < 1mmol/L
- Ca<sup>++</sup>: >1.1mmol/L