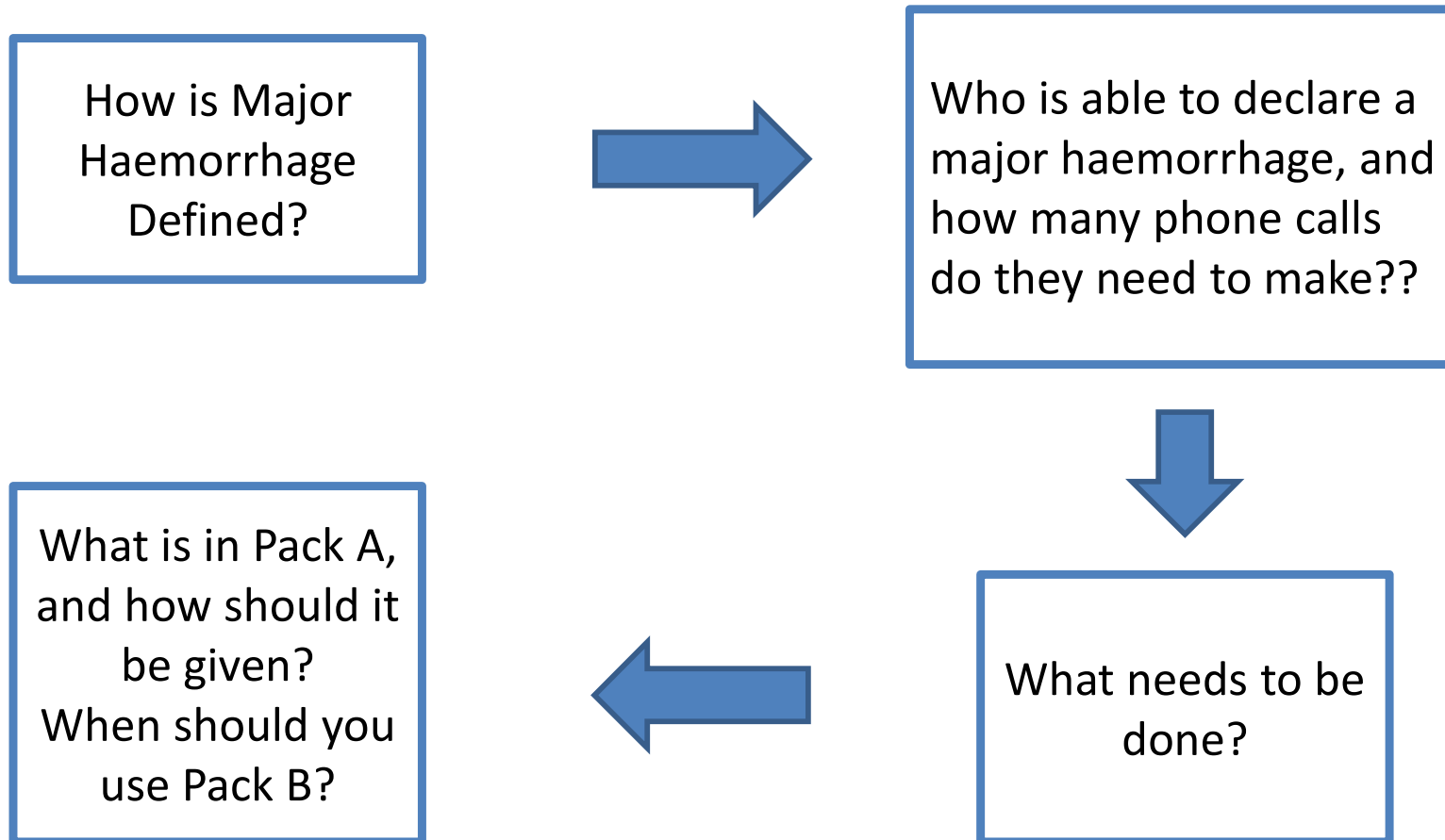


5 Minute Flashcards

Card 14: Intraoperative Major Haemorrhage



Gloucestershire Hospitals
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Further reading: GHNHSFT Adult Major Haemorrhage Algorithm

Written by Daniel Yeomans, Marshal Sangster and Donna Davis

Card 14: Intraoperative Major Haemorrhage

- Active blood loss of >1500ml
- Haemorrhage of >150ml/min or
- Loss of half the circulating blood volume in 2 hours

All above are challenging to apply acutely therefore any rapid bleeding which has a poor response to fluid resuscitation.



Any member of the theatre team. You need to make **2 phone calls**:

- 2222, and state “~~There’s blood everywhere~~” “Code Red Major Haemorrhage” and the location
- Then Blood Bank (GRH: 5244 CGH:4062).



- Ensure adequate or additional IV access
- Send blood for X-match, Coag, FBC, U+E, ROTEM & VBG
- Stop the bleeding (surgical haemostasis) and give blood
- Give Tranexamic acid (1g) unless contraindicated
- Give 10mls Ca²⁺ Gluconate before every 4th unit red cells
- Reverse anticoagulation
- Aim for normothermia (and definitely >35°C!)
- Consider cell salvage
- Consider early vascular/IR contact



Pack A contains 4 x RBCs. Give though a rapid infuser, blood set & warmer.

- Only request Pack B (which contains clotting factors) if ROTEM unavailable. Otherwise, be guided by ROTEM results.