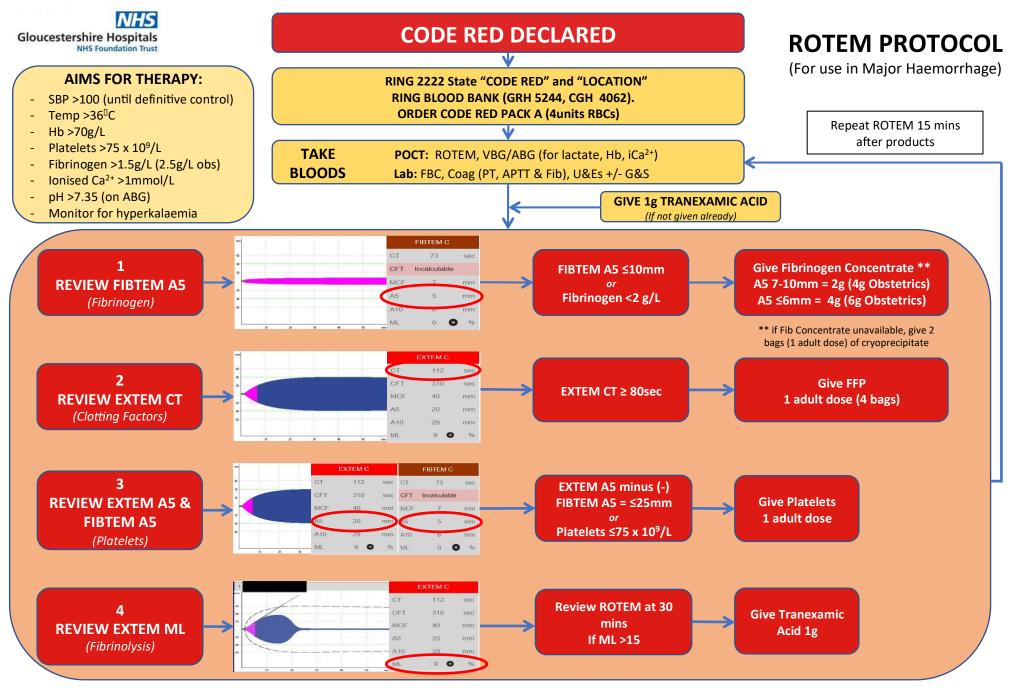
# Fibrinogen Concentrate in Gloucestershire

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# Fibrinogen concentrate

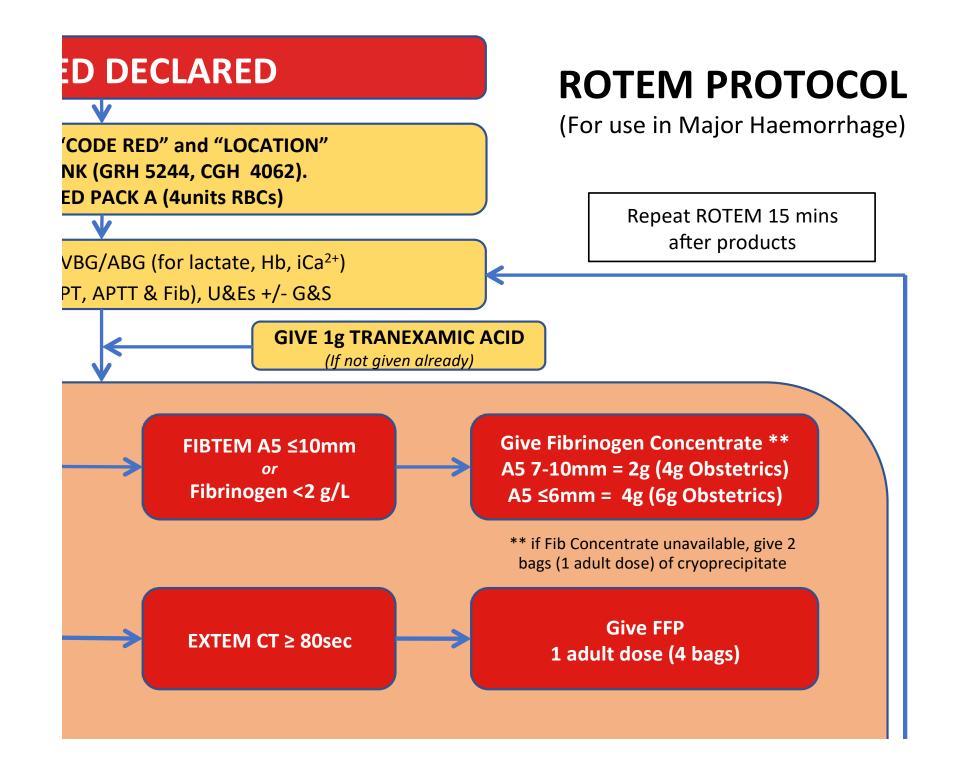
- The ROTEM gives an early indication of low fibrinogen
- When GHNHSFT purchased ROTEM in May 2020, the lab manager ordered fibrinogen concentrate as a "no brainer". No business case required!
- Fib conc should <u>only</u> be given based on ROTEM result.
- If ROTEM not utilised then cryo should be given.



GHT ROTEM algorithm September 2022

If any further Haematological advice needed, contact Consultant Haematologist via switchboard

Adapted for use at GHNHSFT from OBSCYMRU ROTEM Protocol



# Fibrinogen conc "No brainer"

#### Costs

- Fibrinogen concentrate £300 per g
- 1 unit pooled Cryopreciptate £221.85
- Cost difference virtually the same 2 yrs ago
- Benefit of fibrinogen concentrate over cryoprecipitate
  - No thawing required (~30 mins)
  - Easy access, stored by ROTEM machine (no transport)
  - Easy reconstitution
  - RT stroage
  - Earlierintervention with goal directed therapy

## Easy reconstitution



## Fibrinogen usage

- In past 12 months
  - 172g Fib Conc: £51,600
  - 91 pools cryo: £20,188
- ROTEM audit June Dec 2020
  - 32 patients had 46 tests.
  - 8/32 indicated fibrinogen: 25%
- ROTEM audit May 2021-June 2022
  - 228 ROTEMS on 151 patients
  - 128 ROTEMs indicated at least 1 product:
    - 43% Fibrinogen, 25% FFP, 3.5% platelets