

# ADHB Adult Massive Transfusion Protocol (MTP)

## Team Leader Responsibilities

- Notify Coag Lab and send Coag requests on the Labplus Urgent form (orange border)
- Activate protocol by ringing Blood Bank (ext 24015) and say "I am activating the Massive Transfusion Protocol"
- Call for each box as required
- Make a decision to cease MTP and contact Blood Bank

## Blood Bank Responsibilities

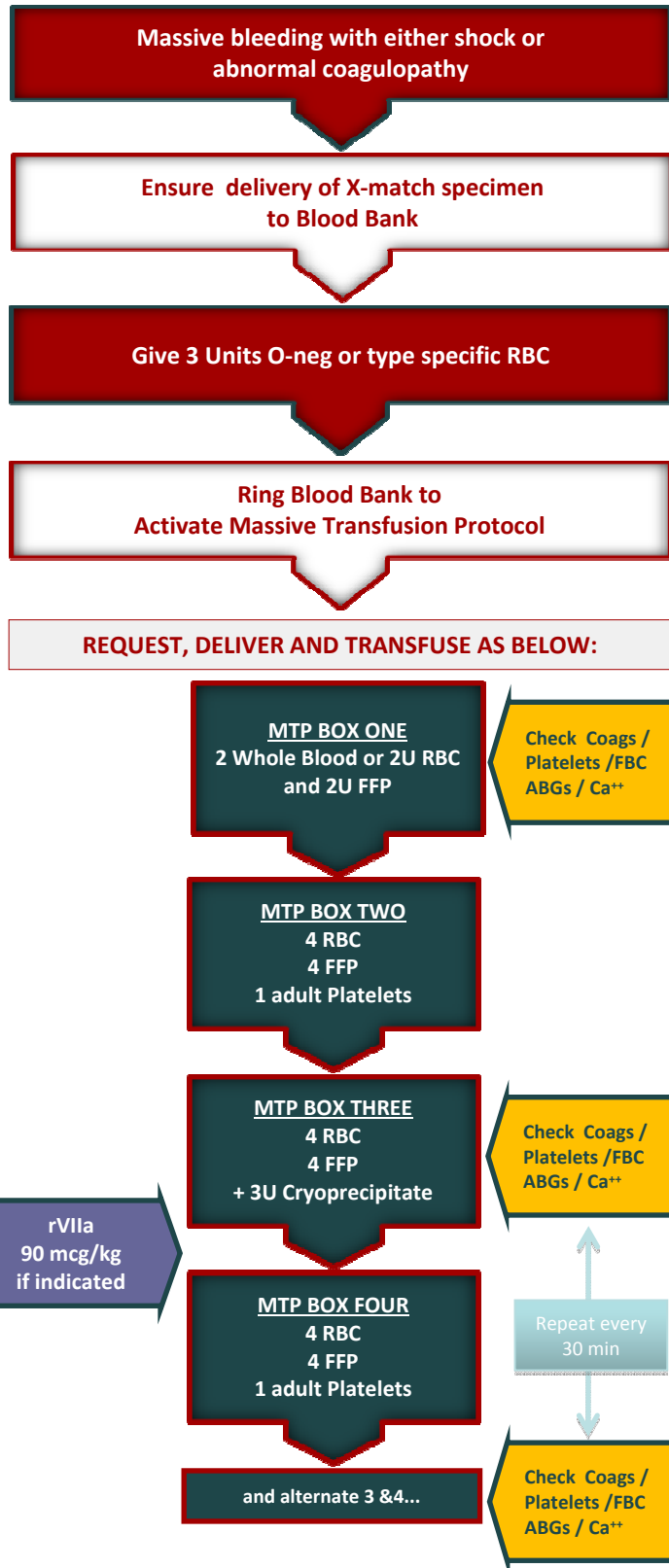
- Ensure X-match sample processed ASAP after O neg release
- Notify NZBS Medical Officer after issuing MTP Box One
- Thaw next box in advance and await request
- Ensure supply of platelets

## Contacts

- Blood Bank - Ext 24015
- Coagulation Lab - Ext 7572
- Level 8 Anaesthetist - 021 496 374
- rVIIa gate keeper – on call Liver transplant anaesthetist

## rVIIa Requirements

- Ongoing haemorrhage after 10 U RBCs
- pH > 7.2
- Platelets > 50
- Fibrinogen > 1 g/L
- Dose: 90 microg/kg rounded to vial



## Additional treatment thresholds

- if PR >1.5 or APTT >40 consider additional 4 units FFP
- if fibrinogen <1g/L consider additional 3U Cryoprecipitate
- if platelets <75 x10<sup>9</sup>/L consider additional one pack platelets
- if ionized Ca<sup>++</sup> <1mmol/L give 10mls Calcium