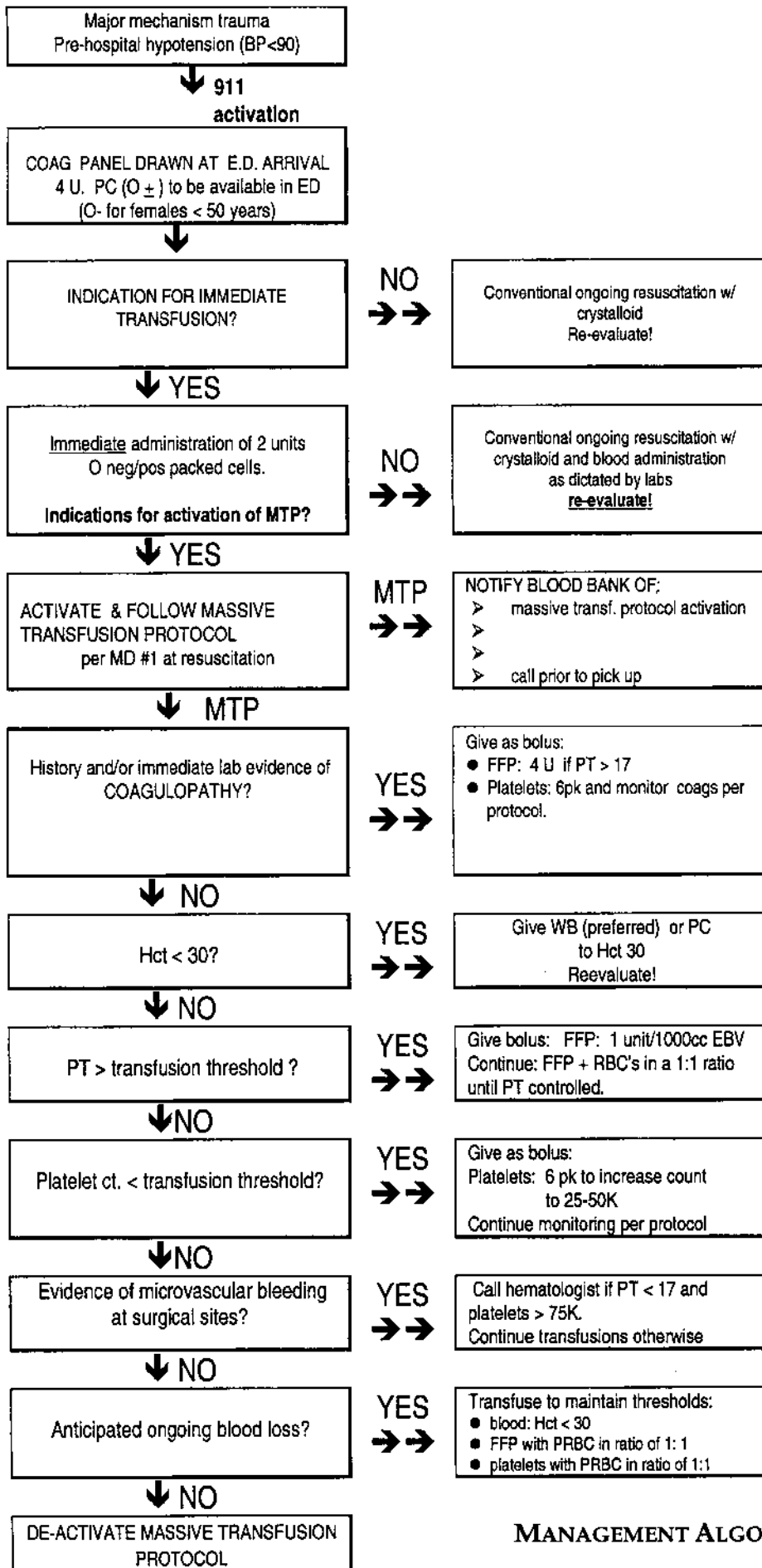


COMMENTS



E.D. arrival blood draw to include:

- CBC (includes platelets)
- PT,PTT
- fibrinogen (draw, can be run later)
- specimen to Blood Bank

General Indications for immediate (O neg/pos) transfusion = Any clinical evidence of shock state AND:

- Initial E.D. BP < 70
- Recurrent or persistent BP < 90 p ≥ 2L crystalloid
- initial Hct < 25

Indications for activation of MASSIVE TRANSFUSION PROTOCOL:

- recurrent or persistent BP < 90 after 2U PC
- anticipated TOTAL blood requirement ≥ ONE BLOOD VOLUME, EBV (-10U PC or WB)
- EBV ~ 80 cc/KG

MONITORING PROTOCOL:

- Hct, PT, PTT, fibrinogen, platelets Q 30" until massive transfusion protocol ended

EBV = estimated blood vol. ~ 80 cc/ KG

TRANSFUSION THRESHOLDS:

- Hct < 30
- PT > 17 sec, most circumstances
- PT > 15 sec. eye, brain, airway hemorrhage or factor VIII, IX deficiency
- Platelets < 75K most circumstances
- Platelets < 100K for eye, brain, airway inj.
- Fibrinogen < 100mg/dl

SPECIAL COAGULATION CIRCUMSTANCES:

- hemophilia A: factor VIII: bolus 25-50U/kg.
- hemophilia B: factor IX: bolus 50-100U/kg.
- hemophilia B: factor IX: bolus 50-100U/kg.
- maintain PT < 15 sec or 1.3 X control with FFP after bolus with factor VIII or IX
- Severe VonWillebrand's disease: Factor VII as above

MANAGEMENT ALGORITHM FOR MASSIVE TRANSFUSION