



Critical Bleeding Protocol (CBP)- Neonatal



Senior clinician activates CBP and notifies Transfusion Medicine Unit (TMU)

"Activate Critical Bleeding Protocol"

Activated when: Estimated blood loss > 40ml/kg with shock and laboratory or clinical evidence of coagulopathy

Take 2 x **crossmatch** deliver to TMU urgently.
Also send ABG, Coags, FBC
Send **PCA** to TMU to collect Critical Bleed pack

IF BLOOD is required in <15 minutes request O negative RBC from TMU order 1unit O negative RBC

CRITICAL BLEED PACK 1
RBC give 20ml/kg
Cryoprecipitate give 5ml/kg

Alternate Packs 1 & 2 **↕** Rpt **COAGS + ABG** after each pack

CRITICAL BLEED PACK 2
RBC give 20ml/kg
FFP give 15ml/kg
PLT give 10ml/kg

Continue until bleeding controlled and hemodynamically stable then
NOTIFY TMU TO STOP CBP

TMU contact details

PCH: 0429 128316, 6383 4015
Vocera "Transfusion Medicine"
KEMH: 82748

SAMPLES

Crossmatch - Pink tube HANDWRITTEN Label
Send 1 XM sample, keep 1 in case of PTS failure

AIMFOR

T > 36°C
pH > 7.2
Normocapnia
BE above -6
Lactate < 4mmol/L
Ca²⁺ > 1.1mmol/L
(use Ca Gluconate
10% 0.5ml/kg
Plt > 50 x 10⁹/L
PT/APTT
< 1.5xnormal
INR < 1.5
Fibrinogen > 2g/L

OPTIMISE

Physical measures
IV access
Oxygenation
Cardiac output
Temperature
Metabolic state




CONSIDER

Art Line
rFVIIa - Discuss with
Haematologist

Notes:

RBC	CRYO	PLT	FFP
60ml/unit	35mls/pack	178ml/pack	70ml/pack

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