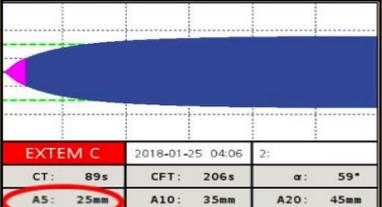
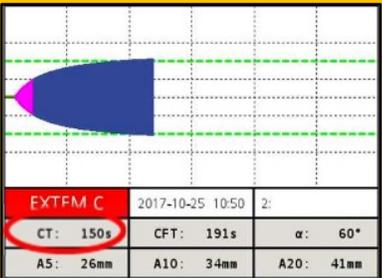
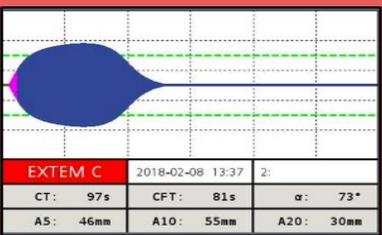




ROTEM ALOGRITHM FOR ADULT NEUROSURGICAL MAJOR HAEMORRHAGE

ABNORMAL ROTEMS	RESULTS	DIAGNOSIS	TREATMENT
STEP 1 	FibTEM A5 7- 10 mm	Low Fibrinogen	Consider Cryoprecipitate 1 Adult Dose
	FibTEM A5 ≤6 mm	Low Fibrinogen	Cryoprecipitate 2 Adult Doses
STEP 2 	ExTEM A5 ≤ 35 mm and FibTEM A5 > 10 mm	Low Platelets	Platelets 1 Adult Dose
STEP 3 	ExTEM CT 80-140s and FibTEM A5 ≤ 10 mm	Low Fibrinogen	Correct Fibrinogen (see step 1) and reassess
	ExTEM CT > 140s and FibTEM A5 ≤ 10 mm	Low Coagulation Factors and Low Fibrinogen	FFP 2-4 units & Fibrinogen as indicated (see step 1)
STEP 4 	FibTEM CT > 600s and ExTEM A5 ≤ 35mm	Hyperfibrinolysis and Low Fibrinogen	Tranexamic Acid 1g and FFP 2-4 Units
	ExTEM ML ≥ 5 %	Hyperfibrinolysis	Tranexamic Acid 1g

Repeat Blood Gas (pH >7.2 / Hb >70 Platelets > 70 Check K⁺ < 5.6 & Ca²⁺ > 1.15mmol/L) **Core Temp.** >36.0°C

ROTEM TARGETS: A5 IN FIBTEM > 12mm A5 IN EXTEM > 50mm