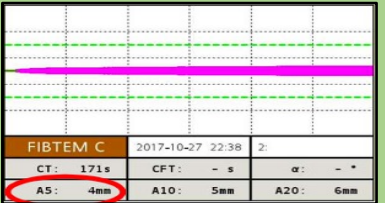
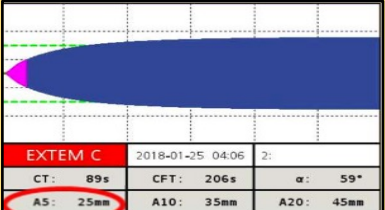
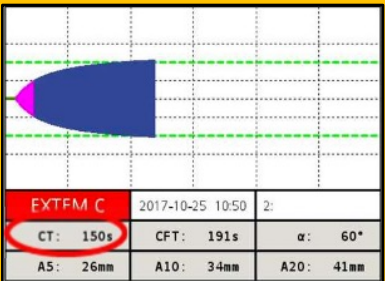
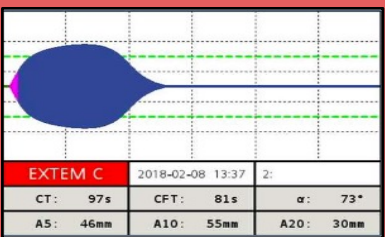




ROTEM ANALYSIS AND TRANSFUSION ALGORITHM FOR MAJOR ADULT TRAUMA

ABNORMAL ROTEMS	RESULTS	DIAGNOSIS	TREATMENT									
STEP 1  <table border="1"> <tr><td>FIBTEM C</td><td>2017-10-27 22:38</td><td>2:</td></tr> <tr><td>CT: 171s</td><td>CFT: - s</td><td>α: - *</td></tr> <tr><td>A5: 4mm</td><td>A10: 5mm</td><td>A20: 6mm</td></tr> </table>	FIBTEM C	2017-10-27 22:38	2:	CT: 171s	CFT: - s	α: - *	A5: 4mm	A10: 5mm	A20: 6mm	FibTEM A5 7- 10 mm	Low Fibrinogen	Consider Cryoprecipitate 1 Adult Dose
	FIBTEM C	2017-10-27 22:38	2:									
CT: 171s	CFT: - s	α: - *										
A5: 4mm	A10: 5mm	A20: 6mm										
	FibTEM A5 ≤6 mm	Low Fibrinogen	Cryoprecipitate 2 Adult Doses									
STEP 2  <table border="1"> <tr><td>ExTEM C</td><td>2018-01-25 04:06</td><td>2:</td></tr> <tr><td>CT: 89s</td><td>CFT: 206s</td><td>α: 59*</td></tr> <tr><td>A5: 25mm</td><td>A10: 35mm</td><td>A20: 45mm</td></tr> </table>	ExTEM C	2018-01-25 04:06	2:	CT: 89s	CFT: 206s	α: 59*	A5: 25mm	A10: 35mm	A20: 45mm	ExTEM A5 ≤ 35 mm and FibTEM A5 > 10 mm	Low Platelets	Platelets 1 Adult Dose
ExTEM C	2018-01-25 04:06	2:										
CT: 89s	CFT: 206s	α: 59*										
A5: 25mm	A10: 35mm	A20: 45mm										
STEP 3  <table border="1"> <tr><td>ExTEM C</td><td>2017-10-25 10:50</td><td>2:</td></tr> <tr><td>CT: 150s</td><td>CFT: 191s</td><td>α: 60*</td></tr> <tr><td>A5: 26mm</td><td>A10: 34mm</td><td>A20: 41mm</td></tr> </table>	ExTEM C	2017-10-25 10:50	2:	CT: 150s	CFT: 191s	α: 60*	A5: 26mm	A10: 34mm	A20: 41mm	ExTEM CT 80-140s and FibTEM A5 ≤ 10 mm	Low Fibrinogen	Correct Fibrinogen (see step 1) and reassess
	ExTEM C	2017-10-25 10:50	2:									
CT: 150s	CFT: 191s	α: 60*										
A5: 26mm	A10: 34mm	A20: 41mm										
	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  <table border="1"> <tr><td>ExTEM C</td><td>2018-02-08 13:37</td><td>2:</td></tr> <tr><td>CT: 97s</td><td>CFT: 81s</td><td>α: 73*</td></tr> <tr><td>A5: 46mm</td><td>A10: 55mm</td><td>A20: 30mm</td></tr> </table>	ExTEM C	2018-02-08 13:37	2:	CT: 97s	CFT: 81s	α: 73*	A5: 46mm	A10: 55mm	A20: 30mm	FibTEM CT > 600s and ExTEM A5 ≤ 35mm	Hyperfibrinolysis and Low Fibrinogen	Tranexamic Acid 1g and FFP 2-4 Units
	ExTEM C	2018-02-08 13:37	2:									
CT: 97s	CFT: 81s	α: 73*										
A5: 46mm	A10: 55mm	A20: 30mm										
	LI30 = <95%	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