## TRAUMA TRANSFUSION PATHWAY Draw blood specimens for CBC, INR, PTT, Fibrinogen, Group and Crossmatch. Initiate the management of surgical bleeding and appropriate medical therapy (reverse anticoagulant, start correction of hypothermia and/or acidosis) OBTAIN 4 units UNCROSSMATCHED RBCs from BTL if required. CONTACT Blood Transfusion Lab (58292) to activate the Trauma

**Transfusion Pathway** 

Patient addressograph

ORDER Blood Products in "Trauma Packs (TP)".

BTL will provide TPs with 4 RBC and 4 FFP; 1 set of platelets will be issued with every other TP. NOTE: Issue of RBCs will <u>not</u> be delayed; if FFP and platelets are not immediately available, they will follow the RBCs ASAP.

MONITOR transfusion of products using chart below.

DRAW specimens for CBC, INR, PTT and Fibrinogen levels as specified below.

**ORDER** Cryoprecipitate if Fibrinogen is <1.0. Cyroprecipitate is only prepared and issued **as requested** by Trauma Team.

**CONSIDER** rFVIIa (Niastase) as per chart below. **DOSE**: <50kg: 4.8 mg (1vial) >50kg (2 vials) 1<sup>st</sup> Dose does not require Hematologist approval. Subsequent dose must be approved by Hematologist.

**NOTIFY** the BTL to discontinue issuing as per pathway when:

- Bleeding is controlled, and/or
- Patient is transferred to CCTC, and/or
- FFP/PLT are no longer required per Trauma Transfusion Pathway

## **DOCUMENTATION**

		Pre	-TP		TP # 1						TP	# 2			TP :	# 3		
RBC	1	2	3	4	5	6	7	8		9	10	11	12	13	14	15	16	Draw
FFP					1	2	3	4	Draw CBC, INR, PTT &	5	6	7	8	9	10	11	12	CBC, INR,
PLT									Fibrinogen		1st Pl	_T se	t			PTT & Fibrinogen		
rFVIIa														CONSIDER 1 <sup>st</sup> dose rFVIIa				

NOTE: Platelets are pooled in sets of either 4 or 5. A single donor platelet is equivalent to 1 set.

		TP	# 4		TP # 5					TP # 6					TP			
RBC	17	18	19	20	21	22	23	24		25	26	27	28	29	30	31	32	Draw
FFP	13	14	15	16	17	18	19	20	Draw CBC, INR, PTT &	21	22	23	24	25	26	27	28	CBC, INR,
PLT	2 <sup>nd</sup>	PL	Гse	t					Fibrinogen	3 <sup>rd</sup> PLT set							PTT & Fibrinogen	
rFVIIa		NSII dos																J

		TP	# 8		TP # 9						TP :	# 10			TP #	_		
RBC	33	34	35	36	37	38	39	40	Draw CBC,	41	42	43	44	45	46	47	48	Draw CBC, INR,
FFP	29	30	31	32	33	34	35	36	INR, PTT & Fibrinogen	37	38	39	40	41	42	43	44	PTT &
PLT	4	th PL	T se	et						5 <sup>th</sup> PLT set								Fibrinogen

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