Recombinant Activated Factor VII (rFVIIa) in Adult Cardiothoracic Surgery

Difficult closure with continued bleeding in field

Less than or equal to 45 seconds

- APTT

Greater than 45 seconds

Consider additional protamine 25-50mg x1

Give 1 round of blood products:
- 2 plateletpheresis
- 2 jumbo FFP
- 2 cryoprecipitate

Give 0.5mg rFVIIa
- Can give 1mg for exsanguination

Hemostasis achieved over next 5-10 minutes

Monitor

Give additional 0.5 – 1mg rFVIIa*

*If a repeat APTT is drawn and greater than 45, can consider repeating protamine 25-50mg x1

Doses greater than 1mg must be approved by CPCS

If criteria not met:
Call CPCS unless patient is in the ED and ED pharmacist is here, then call ED pharmacist.

Approved by UCDHS Pharmacy and Therapeutics Committee 5/2016.

¥ PCC4 is not approved for use during cardiothoracic surgery.