PCC4 (KCentra™) for temporary reversal of warfarin in continuous-flow ventricular assist device (VAD) patients undergoing planned procedures

Pre-procedure
1) INR should be drawn 4 – 8 hours prior to procedure.
2) Define a goal INR for the procedure then follow the Kcentra™ dosing Figure below
   a) Calculate dose using actual body weight (weight cap 100 kg)
   b) Dose will be rounded to nearest whole vial size
3) Decide if/when to administer Kcentra™
   a) May administer 30 – 60 minutes prior to procedure or intra-procedurally
      i) VAD coordinator will pick up from pharmacy
4) A repeat STAT INR may be drawn 10 – 15 minutes post-Kcentra™ infusion.
   a) Repeat doses or doses non-adherent to the figure below require CPCS/Anticoagulation Service approval

Post procedure
1) INR may be drawn 6 – 12 hours and 18 – 24 hours post-Kcentra™ to assess INR rebound.
2) Post-procedure day 0:
   a) Consider resuming warfarin if maintaining hemostasis.
   b) Assess the need for parenteral anticoagulation depending on patient risk factors for bleeding and thrombosis.
3) Post-procedure day 1+:
   a) Consider resuming warfarin if not already done so.
   b) Assess the need for parenteral anticoagulation bridge to therapeutic INR.
      i) Note pro-coagulant effects of Kcentra™ may last up to 48+ hours post dose

Approved by P&T 5/2017.