UPMC Urgent Oral Anticoagulant Reversal Algorithm

**URGENT REVERSAL**
(active life or limb-threatening bleed or urgent invasive surgery required)

**WARFARIN**
(D/C drug)

**DABIGATRAN**
(D/C drug)
- rFVIIa 40 mcg/kg +/− hemodialysis
- If dabigatran dose was ingested within last two hours, use activated charcoal 25g – 100g

**RIVAROXABAN or APEXABAN**
(D/C drug)

**History of HIT?**
- **YES** (Option 1)
  - Profilnine® 50 units/kg (Max 5000 units) + rFVIIa low-dose 1mg*
- **NO** (Option 1)
  - Kcentra® 50 units/kg Max: 5000 units

**YES or NO** (Option 2)
- rFVIIa 40 mcg/kg as single agent

**Profilnine® + rFVIIa 1mg**
+ vitamin K 10 mg IV

**INR < 5**
- Profilnine® 25 units/kg Max: 2500 units

**INR > 5**
- Profilnine® 50 units/kg Max: 5000 units

**INR 2 to < 4**
- Kcentra® 25 units/kg Max: 2500 units

**INR 4-6**
- Kcentra® 35 units/kg Max: 3500 units

**INR >6**
- Kcentra® 50 units/kg Max: 5000 units

**INR unknown**
- Kcentra® 3000 units

*Calculate reversal agent doses based on actual body weight
~ If patient receiving warfarin requires urgent INR reversal and is volume-challenged, use of prothrombin complex concentrates (PCCs), such as Kcentra®, is recommended.
* Caution use of rFVIIa with Profilnine if patient has an underlying hypercoagulable state