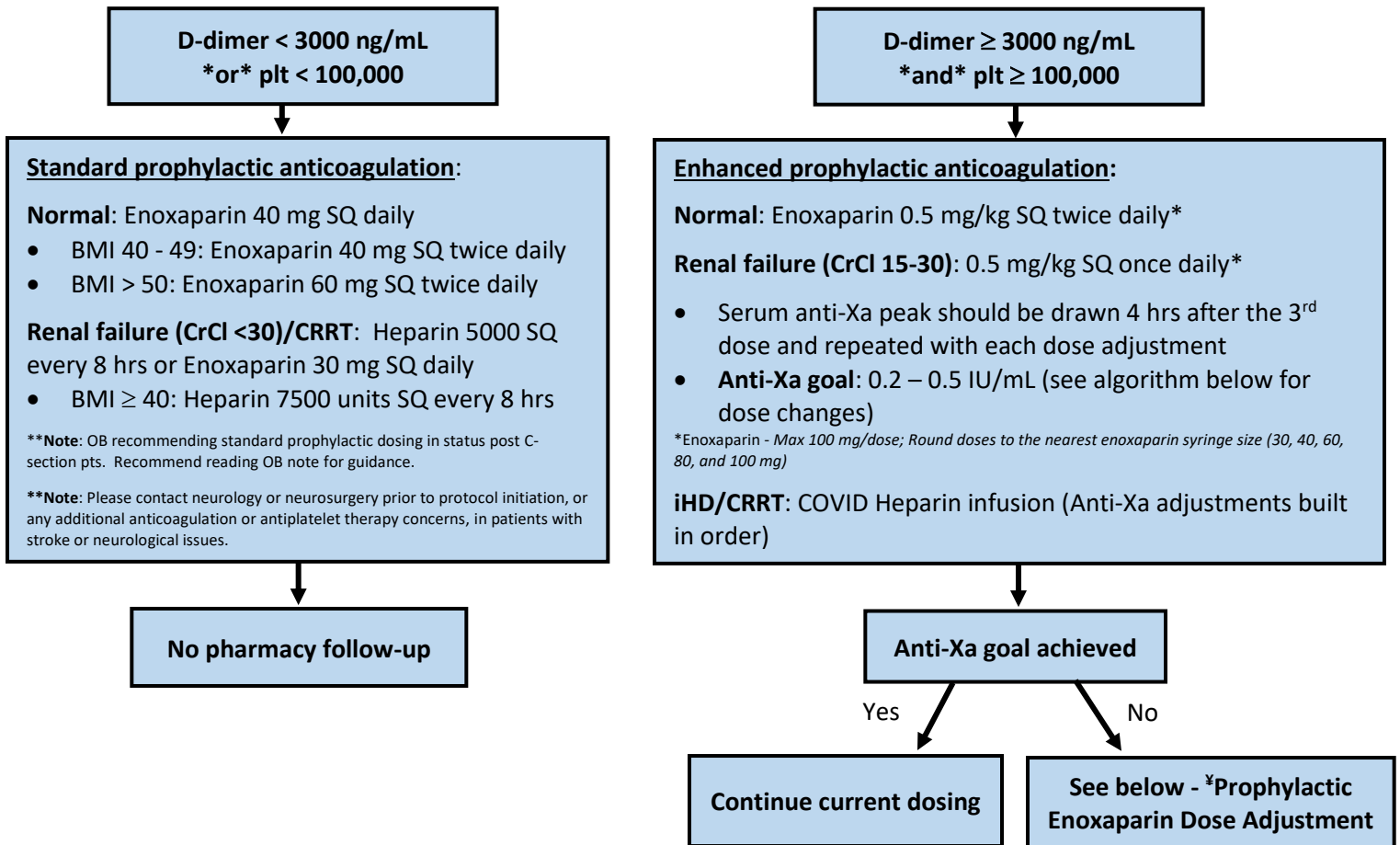




Anticoagulation Dosing Recommendations for COVID-19 Patients

The following dosing recommendations apply to all COVID-19 positive and rule out adult patients at UMMC.



Additional monitoring recommendations:

- Review prior to admission meds to ensure not previously on Therapeutic Anticoagulation
 - If so, please **maintain Therapeutic Anticoagulation**
- Repeat platelet count (**CBC**) 1-2x weekly
- If patient labeled 'Resolved' or considered convalescing, discuss possibility of reducing to standard prophylaxis
 - If dosing reduced to standard prophylaxis dosing, pharmacy to sign off
- Consider checking TEG and fibrinogen if there is progressive organ failure or clinical thrombosis
- ****Providers** - Consider empirically continuing prophylaxis for post-discharge in patients with hypercoagulability. Should consider if patient has ongoing VTE risk factors or may benefit from extended post-hospital VTE prophylaxis

Enoxaparin Anti-Xa Serum Concentration Monitoring

Serum Anti-Xa peak (Heparin, Anti-Xa Lab Order) should be drawn 4 hours after the third or subsequent enoxaparin dose (no sooner than the third dose). Repeat serum Anti-Xa peak with each dose adjustment, and with any significant change in renal function. **Results can be found in the Special Coag Studies Misc under the Results Review tab*

[‡]Enhanced Prophylactic Enoxaparin Dose Adjustment Based on Anti-Xa Concentration

Anti-Xa < 0.2 IU/mL: Increase enoxaparin dose by 10 - 20 mg to the nearest syringe size

Anti-Xa 0.2 - 0.5 IU/mL: no change

Anti-Xa > 0.5 IU/mL: Decrease enoxaparin dose by 10 - 20 mg to the nearest syringe size