Pathway for the Anticoagulation Module of the AO Trauma Orthogeriatrics App

Preexisting anticoagulation with a vitamin K antagonist (coumarin)
- 2.5–5 (up to 10) mg vitamin K orally or IV

Proceed to OR

Intraoperative bleeding
Consider 2–4 units of fresh frozen plasma

Check the INR after 4–6 hours

> 1.5

≤ 1.5

INR

2.5–5 (up to 10) mg vitamin K orally or IV

Intraoperative bleeding

Proced to OR

No preoperative initiation of thromboprophylaxis

Start thromboprophylaxis once surgery is planned (in ED)

UFH regimen: 5,000 IU UFH SC twice daily (every 12 h) until 6–4 h preoperatively

Prophylactic dose LMWH regimen (last dose up to 12 hours preoperatively)

Switch to prophylactic dose LMWH regimen 12–24 hours postoperatively depending on the individual postoperative bleeding risk

Resume thromboprophylaxis 12–24 hours postoperatively depending on the individual postoperative bleeding risk

Duration
At least until the patient is fully ambulatory or up to 35 days postoperatively in patients who are at increased risk for VTE

Notes
For local protocols, dosages, etc

References

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