

VENOUS THROMBOEMBOLISM (VTE)

Reducing VTE is an organizational initiative. It is also part of Duke Lifepoint's (DLP) National Quality Program (NQP) as a prioritized harm reduction.

- Surgical Order sets have been standardized to align with the American Society of Hematology
- Order sets guide for prophylaxis options, based on renal function, age, and weight/BMI
- VTE must be addressed on every patient. Pharmacological and/or mechanical
- Documentation or order for “no prophylaxis” can be made within the VTE order set

The screenshot shows a web-based interface for an order set titled "Venous Thromboembolism (VTE) Prophylaxis Order Set For Acutely Ill Patients - Excludes Patients Less Than 18 Years Old". The interface includes a "Clear All Orders" button in the top right corner. Under the heading "DVT/VTE Prophylaxis", there is a section for "VTE Medical Risk Factors" with the following text: "High risk >= 4 points" and "Low risk <= 3 points - no prophylaxis required". Below this, there are two radio button options. The first is "VTE MEDICAL RISK FACTORS" (checked), with details: "Routine, Once, today at 1459, For 1 occurrence" and "Total Risk: 0". The second is "No VTE Prophylaxis necessary - patient low risk" (selected), with details: "Routine, Once, today at 1504, For 1 occurrence" and "Reason(s): Yes". Other options include "Reason for No VTE Prophylaxis due to active/suspected VTE", "Reason for no VTE Prophylaxis - patient/ family refusal", "Comfort measures only", "Pharmacologic VTE Prophylaxis", "VTE Prophylaxis - Mechanical Therapy", and "No Pharmacological & No Mechanical Prophylaxis".

- Relative contraindications for the use of pneumatic compression are, arterial insufficiency, edema due to Congestive Heart Failure (CHF), active phlebitis, Deep Vein Thrombosis (DVT), or the presence of localized wound infection or cellulitis
- Pharmacy reviews anticoagulation and makes recommendations on alternate therapy, dose or frequency changes, and when prophylaxis is not ordered
- If patient refusing mechanical and/or pharmacological prophylaxis, please document as such in the medical record along with education and alternatives of refusal.