

FAST FACTS About.... DVT/VTE Scoring & Risk Level

Why is education being requested? In providing outstanding care to our patients at an increased risk for DVT, it is important to ensure that RNs caring for these patients have an understanding of the physicians screening assessment. Quality patient education is essential in meeting the educational needs of patients and their caregivers. Opportunities to confirm that education given to the patient/caregiver was understood with verbal understanding and return demonstration.

Policy: CM D-07 Venous Thromboembolism (VTE) Prevention

Education Dates: August 1-August 30, 2016

Education Time: 10 minutes

Date Changes will go into effect: June 30, 2016

Intended Audience: All Downtown and Community campus adult inpatient RNs who provide patient and caregiver education related to DVT/VTE patient risk, treatment and prophylactic measures. Excluded OR/PACU, Emergency Department, **Family Birth Center???**, Pediatric Units, **Psychiatric Units??**

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Fast Facts

DVT/VTE Screening

Assessment

- ✚ Completed by physicians during admission of all adult patients (> 18 years) Risk factors for DVT/VTE include
- ✚ Reassessments can occur throughout patient's hospital stay

Risk Factors & Scoring

- ✚ Categories of risk factors
 - ▶ Current, recent, past diagnosis (examples)
 - MI
 - Abnormal pulmonary function tests
 - Varicose veins
 - Stroke
 - Hip/pelvic fracture
 - Multiple trauma
 - ▶ Surgical risk factors (examples)
 - Major surgery
 - Minor surgery (planned)
 - ▶ Age
 - 41- 60 years
 - 60-74 years
 - \geq 75 years
 - ▶ BMI
 - ▶ Female (examples)
 - Oral contraceptives/hormones therapy
 - History unexplained stillborn infant, recurrent spontaneous abortion
 - ▶ Other factors (examples)
 - Medical patient currently on bedrest
 - Central venous access

- Patient presently on chemotherapy

✚ Risk factor Scoring scale

- ▶ 0 very low
- ▶ 1-2 low
- ▶ 3-4 moderate
- ▶ 5-8 high
- ▶ > 9 severe

✚ Risk Factor/Safety Factor Summary

- ▶ Summary serves as overview of patient's overall risk & suggests specific interventions for physicians to order
- ▶ Run report for a
 - Teaching schedule
 - Case Managers for pre-approval
- ▶ Example:

 Thrombosis Risk Factor Assessment
[click to open](#)

Risk Level: High

Risk Factor Summary	Safety Factor Summary
Total Risk Factor Score: 5 Age 41-60 years: 1 Point Obesity (BMI >25): 1 Point Varicose veins: 1 Point Abnormal pulmonary function (COPD): 1 Point Acute myocardial infarction: 1 Point	Anticoagulation prophylaxis recommended for total 7-10 days (from time of initial patient administration).

Index Report via Summary

DVT Risk Level:

- ✚ New Column Added
 - ▶ Shows patient's calculated risk level.
- ✚ Following suggestions to providers for these risk levels:
 - ▶ High Risk- Anticoagulation prophylaxis is recommended for total of 7-10 days (from time of initial inpatient administration)
 - ▶ Sever Risk- Anticoagulation prophylaxis is recommended for total of 30 days (from time of initial inpatient administration)

Accessing Summary

1. Open patient chart & go to Summary activity.
2. Select Index at top.
3. In Quick View or Additional Reports section, select DVT Risk Assessment
4. DVT Risk Assessment report opens
 - A. Date/Time of Last DVT Assessment
 - B. Current Risk Level
 - C. Summary of Pertinent Risk & Safety Factors
 - D. Risk Factor Score Scale for Reference
 - E. Hyperlink to DVT Assessment form (accessible only to physicians)
 - F. Previous DVT Risk Level Orders

The screenshot displays the 'Summary' page of a medical chart. The interface includes a top navigation bar with tabs for 'Summary', 'Index', 'SBAR Handoff', and 'Active C'. A sidebar on the left contains various report categories. The main content area is divided into sections: 'Vitals and Flowsheet Data', 'Orders', 'Medications', 'Additional Reports', 'Charge Review', and 'Print'. The 'Additional Reports' section contains a link for 'DVT Risk Assessment', which is highlighted with a red box and labeled '3'. A red arrow points from this link to a zoomed-in view of the report below.

The zoomed-in view of the 'DVT Risk Assessment' report shows the following details:

- A:** DVT Assessment Last Completed: Ordered 04/20/16 1807. Severe Risk of VTE CONTINUOUS. Comment | Hide
- B:** Risk Level: Severe
- C:** Risk Factor Summary: Total Risk Factor Score: 13. Factors include Age 41-60 years (1 Point), Arthroscopic surgery (2 Points), Major surgery (>45 minutes) (2 Points), Positive Factor V Leiden (3 Points), and Major Surgery >8 hours (5 Points).
- D:** Risk Level Scale:

Risk Level	Very Low	Low	Moderate	High	Severe
Total Risk Factor Score	0	1-2	3-4	5-8	>9
- E:** DVT Risk Assessment: *Open DVT Risk Assessment. Accessible to Physicians Only
- F:** Previous DVT Risk Level Orders:

Ordered	Status	Comments	Start
04/13/16 0843	High Risk of VTE CONTINUOUS, Status: Canceled	Comments: Caprini DVT Assessment Total S...	04/13/16 0843
04/13/16 0840	Moderate Risk of VTE CONTINUOUS, Status: Canceled	Comments: Caprini DVT Assessment Total S...	04/13/16 0841