

VTRAS Alert

The **Venous Thrombosis Risk Assessment Score (VTRAS)** is used to identify high-risk pediatric patients ages 1-14 that could develop a deep vein thrombosis (DVT) based on specific criteria that will be identified through the screening.

VTRAS Alert Scenarios

The VTRAS Alert will fire...

- The patient has an active inpatient encounter, and has been admitted in the hospital for 24 hours.
- The alert will fire every 7 days during the inpatient encounter after the initial completed VTRAS alert.

Discern: Close Chart - [ID: 12345678901234567890]

Cerner Consider DVT Prophylaxis

Age: 21 months Gender: F Location: 7E; 312; A

Pediatric V-TRAS Required

All admitted pediatric patients should have VTE prophylaxis risk assessment completed after 24 hours of admission...

VTE Prophylaxis is not indicated Choose reason

Unable to perform VTRAS: Emergent Situation

Unable to perform VTRAS: Not Primary Team

Complete VTRAS now

Navigating The Alert

- After your work has been completed and you are closing the patient's chart the VTRAS alert will fire if they are in need of an assessment.
- Choose the option that best suits your patient. If VTE Prophylaxis is not indicated please choose the reason from the drop-down menu that will silence the alert for a predesignated time period.
- If you choose "Unable to perform VTRAS: Emer..." an alert will re-fire within a designated timeframe to ensure the completion of VTRAS alert.
- If you are able to perform the assessment select "Complete VTRAS now."

VTE Prophylaxis is not indicated Choose reason

Unable to perform VTRAS: Emergent Situation

Unable to perform VTRAS: Not Primary Team

Complete VTRAS now

Submit

Choose reason

- Length of stay <48 hours / 2 days
- Intracranial Hemorrhage/Stroke
- Solid organ injury
- High risk for severe bleeding
- Anticipated procedure
- Heparin allergy
- Renal failure

VTRAS Alert

Completing VTRAS

- Once you choose "Complete VTRAS now" you will see the screening form populate. Select the appropriate risk factors for your patient and select "Submit Score". This will calculate the VTRAS score.

Discern: Close Chart - (000000-0000000000)

Cerner

Age:7 years Gender:F Location:7E; 318; A

Consider DVT Prophylaxis

Venous Thromboembolism Risk Assessment Score (V-TRAS)

3 Point Risk Factors

- History of thrombophilia Factor V Leiden, Prothrombin gene mutation, Antiphospholipid antibody syndrome, Protein C, S or antithrombin deficiency
- Past thromboembolism PT, DVT, sinus venous thrombosis, portal vein thrombosis
- Family history 1st degree relative with unprovoked DVT or proven thrombophilia
- Immobile or very limited

2 Point Risk Factors

- Central Venous Catheter
- Length of hospital stay >7 days
- Current malignancy
- L-asparaginase administration within last month

1 Point Risk Factors

- Infection (bacteremia or osteomyelitis)
- Glasgow Coma Scale < 9
- Spinal cord injury/Traumatic Brain Injury
- Pelvic or femur fracture
- Obesity (BMI > 95% for age)
- History of chronic inflammatory state (IBD, RA, etc)
- Estrogen containing contraception within last 2 months

No Risk Factors

- None of the above conditions exist

Total V-TRAS Score: 8

Submit Score

- Based on the VTRAS score Cerner will provide you with evidence-based treatment options. Review the options provided and select what's appropriate for your patient.

Discern: Close Chart - (000000-0000000000)

Cerner

Age:7 years Gender:F Location:7E; 318; A

Consider DVT Prophylaxis

Orders are required

Related Results
Most Recent within 30 Days

Total V-TRAS Score 8.00 11/08/2018 13:25

Orderables
Choose the appropriate order(s)

- Consult Peds IP ED: Hematology Oncology
- PT Eval and treat Precautions: Deep vein thrombosis, Indications: DVT prophylaxis indicated
- Intermittent venous compression hose Knee length

VTRAS Alert

To view past completed VTRAS Scores you can:

1. Choose **Bedside Data & Vitals** found in the patient's chart.
2. Access the **Safety Dashboard** in the toolbar.

1

The screenshot shows a patient chart interface. At the top, there is a patient information bar with fields for Gender (F), Age (7 years), Allergies (Allergies Not Recorded), and PCP (NON STAFF PHYSICIAN MD, NON...). Below this is a navigation menu on the left with various options like 'Summary QuickViews', 'Analyst Quickview', etc. The 'Bedside Data and Vitals' option is circled in red. The main content area shows a 'Bedside Data' flowsheet with a table of screening scores. The table has columns for dates and times, and rows for 'LACE Score Partial' and 'Total V-TRAS Score'. The 'Total V-TRAS Score' row shows a score of 8.00.

2

The screenshot shows the 'Safety Dashboard' interface. At the top, there is a 'Print' button and a refresh icon. Below this is a toolbar with various icons and a search bar. The main content area is a table with columns for 'RM/ BED', 'FULL NAME', 'DOB', and 'DVT'. The table contains four rows of patient data. The 'DVT' column shows a red exclamation mark for patient 202/A, 'N/A' for 202/B, 'Not Indicated' for 204/A, and a green checkmark for 204/B. A 'Show/Hide Columns' button is located at the top right of the table.

| | |
|---------------|---|
| ! | = No score completed yet |
| N/A | = Not applicable for patient |
| Not Indicated | = No prophylaxis indicated |
| ✓ | = Score completed. Prophylaxis interventions ordered. |

The screenshot shows a detailed view of a VTRAS score. It displays the score (6) and the date/time (11/06/2018 12:27). Below this, there is a section for 'Mechanical Intervention' with the text 'No Mechanical VTE Prophylaxis Administered'. There is also a section for 'Consults' with the text 'No Consults Ordered'. A green checkmark is visible at the bottom right of the detail view.