

Epic Deterioration Index Module (EDI) for Providers



Audience: Providers

The new **Epic Deterioration Index (EDI)** will be available through Epic for early detection and intervention of at-risk patients by inpatient providers and med/surg and ICU nurses. The EDI replaces the Rothman Index, providing clear, easy-to-understand and statistically equivalent deterioration scoring.

Early detection of patient deterioration can improve accuracy of at-risk patient identification and decision-making time, leading to improved patient outcomes. EDI continuously tracks 16 patient variables to yield a numerical score based on:

- the patient's age
- recent vital signs and lab results
- supplemental oxygen use
- Glasgow Coma Scale results
- clinician's neurological assessment (WDL or X)

Physician access to the EDI can be found in two locations within Epic:

- **Patient Lists**
- **Overview Summary Report**

Add the EDI Column to the Patient Lists

1. From the **Patient Lists**, right-click the list and select **Properties**.





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- General** Advanced Epic Monitor
- Name:
- Owner:
- Available Columns 13 matches for 'edi'
- | Caption | Description |
|----------------------------|-----------------------------------------------------------------------------------------------------------|
| Breastfeeding? | This PAF record displays the breastfeeding status result returned by LPP 304340576 IP PAF FLO BREASTFEED. |
| COVID-19 Medication Orders | HM: This column displays all patients on COVID-19 Medications |
| EDI | |
| Edinburgh Scale | |
- Still Looking? [Show matches in descriptions](#)
- Selected Columns**
- | Caption | Description |
|-------------------------|--------------------------------------------------------------------------------------------------------|
| Patient Location | This column displays the patient's current location. |
| Dept/Room/Bed | This column displays the department, room, and/or bed for a patient. |
| Patient Name/Age/Gender | This column displays the patient's name, age, and gender. The information displays in Last Nam... |
| Problem | This column displays information from the patient's problem list. It can display the pati... princi... |
- Column to sort by:
- Buttons: **Add Column**, **Copy**, **Remove**, **Accept**, **Cancel**

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Physician Overview Summary Report

The EDI can also be found on the **Physician Overview** report within the patient's chart. It will highlight the score and provide contributing factors.

Summary

Overview Flowsheet VS Wt Labs Glucose Rad Micro

BestPractice Advisories

Admission order reconciliation has not been completed for this patient. Please address all PTA Medications and Mark as Reviewed when completed.

Additional Information Follow-ups
Admission Order Reconciliation None

Deterioration Index Mark as Reviewed

Astronaut, Norton-TRN - Score calculated 9 minutes ago

13

Low Risk

Range	Value
60 - 100	High Risk
30 - 60	Medium Risk
0 - 30	Low Risk

Factors Contributing to Score

Contribution Factor	Value
100% Age	33

Factors Not Contributing to Score

Description

View model formula and coefficients

Current estimated level of deterioration for a patient.

This score is available for currently admitted patients over the age of 18.

Problem List Comment

Shortness of breath

Treatment Team Chat With All Active Members

Provider Relationship Specialty Contact

Notes from Clinical Staff Comment