# 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 decisionmaking time, leading to improved patient outcomes. EDI continuously tracks 16 patient variables to yield a numerical score based on:

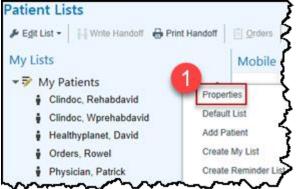
- the patient's age
- recent vital signs and lab results
- supplemental oxygen use
- Glasgow Coma Scale results
- clinician's neurological assessment (WDL or X)

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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- 2. From the open configuration window complete the following (this only needs to be completed one time):
  - a. Search for EDI.
  - b. Select EDI from the Available Columns list.
  - c. Click Add Column.
  - d. Position the column as needed using the up/down arrows.
  - e. Click Accept.
  - f. The Patient Lookup window displays.

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	<u>G</u> er	neral Ad <u>v</u> anced	Epic Monitor				
L	Nam	ie:	My Patients				
L	Owner: INPATIENT, A		INPATIENT, ATTENDING PHYS				
L	Avai	vailable Columns 13 matches for 'edi'		EDI ×	1		
L		Caption		Description			
		Breastfeeding?		This PAF record displays the breastfeeding status result returned by LPP 304340576 IP PAF FLO BREASTFEED.	•		
b		COVID-19 Medicat	ion Orders	HM: This column displays all patients on COVID-19 Medications			
		EDI					
Ľ		Edinburgh Scale					
L		C					
L	Still	I Looking? Show matches in descriptions		+ Add Column 🗐 Copy			
L	Sele	cted Columns					
		Caption		Description			
L		Patient Location		This column displays the patient's current location.			
L	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 $\cdots$			
		Problem		This column displays information from the patient's problem list. It can display the patient princi	'		
	Colu	mn to sort by:		P II II e e ✓ Accept × Cance			



### 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.

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Overview Flowsheet VS Wt Lab	s Glucose Rad Micro 🔻	👪 📠 🔎 🕀 Overview	; • هر <u>د</u>
BestPractice Advisories Admission order reconciliation has not been comple Additional Information * Admission Order Reconciliation	ted for this patient. Please address all PTA Medications ar Follow-ups None	nd Mark as Reviewed when completed.	Act on BPAs 🔺
Deterioration Index			Act on BPAs A
Astronaut, Norton-TRN - Score calculated 9 minutes	go		
13	Factors Contributing to Score Contribution Factor 100% Age	Value 33	*
	Factors Not Contributing to Score		*
Low Risk           Range         Value           60         - 100           30         - 60           0         - 30           Low Risk         - 30	Description  View model formula and coefficients Current estimated level of deterioration for a patie This score is available for currently admitted patie		*
	This score is available for currently admitted patie	nts over the age of 18.	
Problem List  Comm	ent Treatment Team A Chat With All Active Mer	Notes from Clinical Staff	Comment
Problem List Shortness of breath	Provider Belationship Specialty Conta-		



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