

ED Go-Live Update: October 7 2022

Sepsis Alerts – Emergency

Sepsis alerts will display for patients who have met the criteria. You will see these alerts for any patients you have established a relationship with, even if this patient is no longer on your unit.

As per Island Health's [Clinical Documentation Policy](#), section 1.1.1 Accuracy: To ensure accuracy within the EHR clinicians must enter patient information using designated data fields to leverage clinical decision support tools and improve patient safety

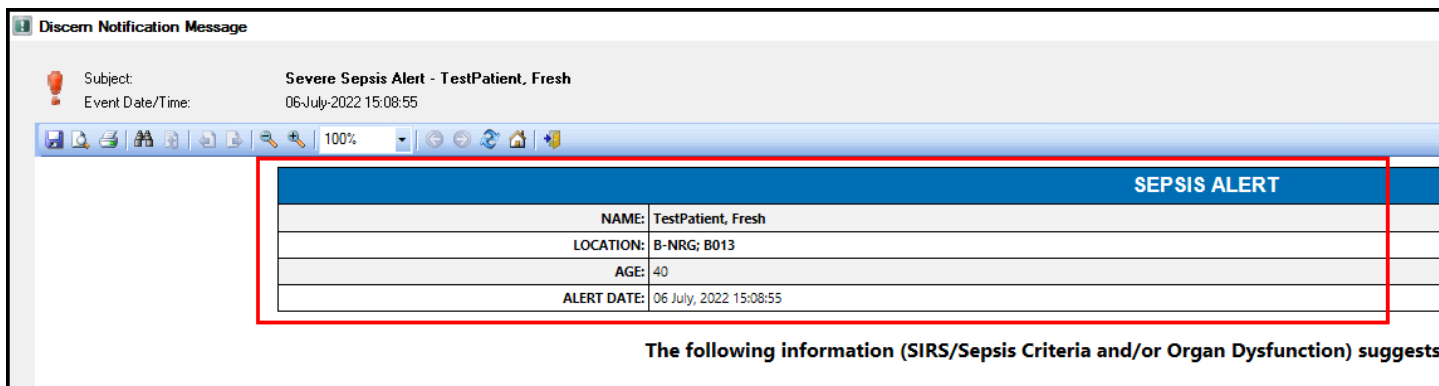
Note: You do not have to be in the patient's chart to receive an alert for that patient.

Important Points:

- Early recognition and management of Sepsis results in greatly improved outcomes and reduced medical interventions for the patient.
- It is imperative that this information is included in handoff at care transitions so that any nurses that did not see the alert display are aware of the alert and risk for the patient.
- The Sepsis Alert will fire once every 12 hours (and for as long as the patient continues to meet the criteria).
- The alerts will not re-fire between the 12 hour period despite the patient continuing to meet the SIRS or sepsis criteria.

Steps to take when you receive an alert:

1. Determine if this is a patient currently in your care. The very top of the alert will display the patient name, location, age and the alert date



Discern Notification Message

Subject: Severe Sepsis Alert - TestPatient, Fresh
Event Date/Time: 06 July 2022 15:08:55

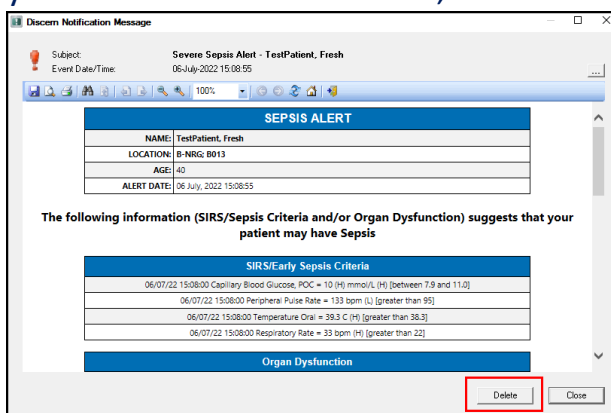
SEPSIS ALERT	
NAME:	TestPatient, Fresh
LOCATION:	B-NRG; B013
AGE:	40
ALERT DATE:	06 July, 2022 15:08:55

The following information (SIRS/Sepsis Criteria and/or Organ Dysfunction) suggests

ED Go-Live Update: October 7 2022

Sepsis Alerts – Emergency

If this is **not** a patient that you are currently providing care for or a patient that is no longer in the Emergency Department you can select **delete** to remove the alert. **Note:** deleting a sepsis alert removes the alert only from your Discern Notification list, not others



If this a patient currently in your care:

1. Review the alert and determine if any of the risk factors are present
2. If you have reviewed and the patient has no risk factors select: **Click here to close/dismiss alert. No current risk**
3. If you are unsure select: **Click here to open and review for Sepsis risk factors.** Once you have reviewed and addressed this the alert can be deleted
4. If there are risk factors follow the steps outlined in the alert

Note: The **ED Sepsis Algorithm** can be accessed from the alert by selecting the blue button

ED SEPSIS ALERT

NAME: CRITH, TestSepsisAlert
 LOCATION: ED-NRG, WR
 AGE: 82
 ALERT DATE: 06 July 2022 16:23:35

The following information (SIRS/Sepsis Criteria and/or Organ Dysfunction) suggests that your patient may have Sepsis
 Assess for **altered mental status** and criteria below

SIRS/Early Sepsis Criteria

06/07/22 16:00:00 Capillary Blood Glucose, POC = 10 (M) mmol/L (M) [between 7.0 and 11.0]
 06/07/22 16:00:00 Peripheral Pulse Rate = 133 bpm (L) [greater than 95]
 06/07/22 16:00:00 Temperature Oral = 38.9 C (M) [greater than 38.3]
 06/07/22 16:00:00 Respiratory Rate = 33 bpm (M) [greater than 22]

Organ Dysfunction

06/07/22 16:00:00 Systolic Blood Pressure = 52 mmHg (L) [less than 90]
 06/07/22 16:00:00 Mean Arterial Pressure, Cuff = 43 mmHg (L) [less than 65]

Suspected or confirmed infection? **1**

OR

DOES THE PATIENT HAVE ANY OF THE SYMPTOMS BELOW? **2**

Looks unwell
 Age greater than 65 years
 Recent surgery
 Immunocompromised (AIDS, chemotherapy, neutropenia, asplenia, transplant, chronic steroids)
 Chronic illness (diabetes, renal failure, hepatic failure, cancer, alcohol and/or IV drug use)

IF NO **2**
 Click here to close/dismiss alert. No current risk

IF YES **4**
PATIENT MAY HAVE NEW INFECTION/SEPSIS
 1. Call physician & report assessment & findings
 2. Discuss initiation of Early Sepsis Investigation and Sepsis Order Sets
 3. Complete documentation in the Provider Notification and Sepsis Worksheet sections in iVem

KEY INTERVENTIONS


Lab and diagnostics
 IV Fluids
 Antibiotics
 Monitor

ED Sepsis Algorithm

Click here to open chart and review for Sepsis risk factors **3**

ED Go-Live Update: October 7 2022

Sepsis Alerts – Emergency

If you have closed the Alert, you can open the alert by clicking on the Discern Notification icon  in the Task Bar.



Make sure to complete any relevant documentation in IView in the **Provider Notification** and **Sepsis Worksheet** sections in IView.

ED.UC Adult Quick View

- COVID Screening
- ✓ Vital Signs
- Glasgow Coma Assessment
- Measurements
- Titrateable Infusions
- Pain Assessment
- ✓ Pain Sedation Assessment
- Peripheral IV
- CIWA-Ar
- Clinical Opiate Withdrawal Scale (COWS)
- ✓ **Sepsis Worksheet**
- Comfort Measures
- ED Patient Called for Care
- ED Waiting Room Reassessment
- Fall Risk Scale Morse
- Handoff Communication
- Nursing Note
- Patient Transfer/Transport
- ✓ **Provider Notification**
- Patient Status Rounding

Find Item	<input type="checkbox"/> Critical	<input type="checkbox"/> High	<input type="checkbox"/> Low	<input type="checkbox"/> Abnormal	<input type="checkbox"/> Unauth	<input type="checkbox"/> Flag
Result	Comments	Flag	Date	Performed		
16:00 - 16:59 PDT						
△ Sepsis Worksheet						
Sepsis Algorithm Reviewed	Yes					
Sepsis COS Used by MD	Yes					
ED Nurse Sepsis Protocol in Use	Yes					
Orders Time Stamped	Yes					
Lactate Collection Date/time						
Blood Culture Collection Date/time	06-Jul-2022 16:27					
Blood Culture Collected Prior to Abx	Yes					
If Lactate > 2mmol, Notify Provider						
Antibiotics Given within 1 hour of Order	Yes					
1st Dose of Antibiotics Date/Time	06-Jul-2022 16:10					
IV Fluid Bolus Administered	Yes					
IV Fluid Bolus Date/time	06-Jul-2022 16:27					
Conduct Pre-bolus Assessment	Done					
Conduct Post-bolus Assessment	Done					
Patient/family provided Sepsis Education	No					
Family Notified Sepsis Diagnosis	No					
△ Provider Notification						
Notification Reason	Suspected Sepsis alert					
Notification Details	Dr S notified about vitals signs, Sepsis alert and...					
Unable to Reach Provider						
Provider Informed	Test DR, ED Physician					
Provider Requested Interventions	Orders received					