

Health PEI

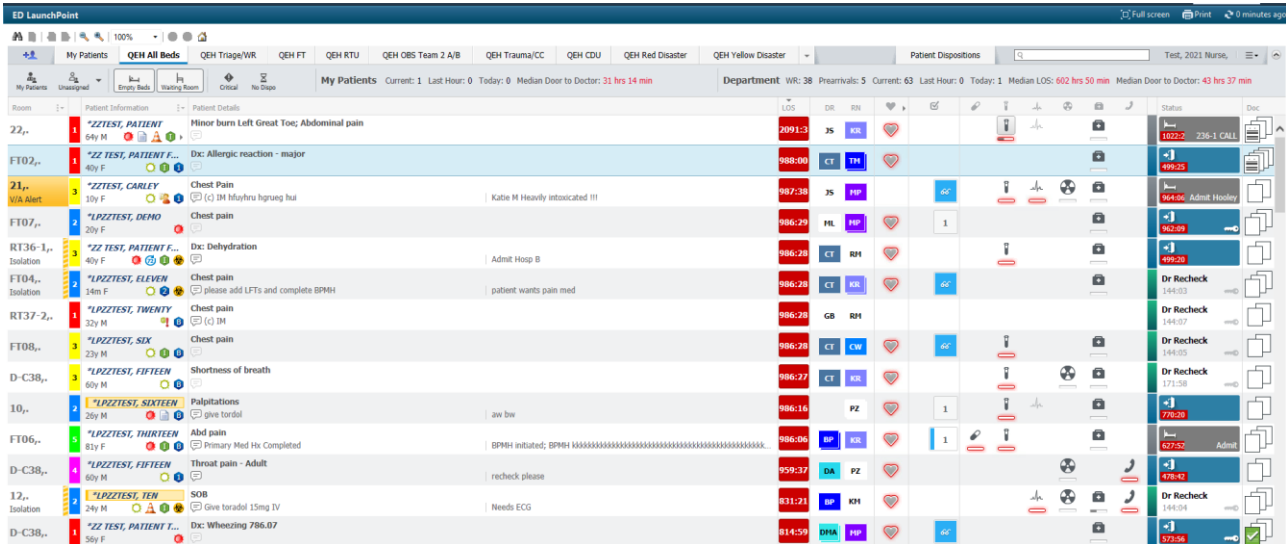
CLINICAL INFORMATION SYSTEMS

ED LaunchPoint

Training Manual

ED LaunchPoint

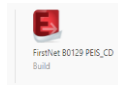
Overview



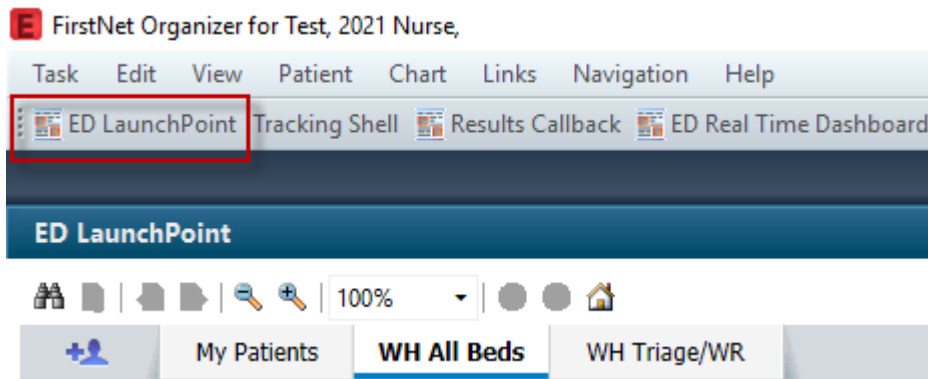
Accessing ED LaunchPoint

Complete the following steps:

1. Double-click on the FirstNet icon



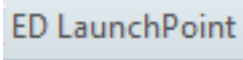

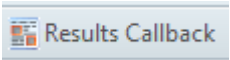
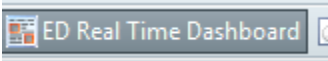
ED LaunchPoint is automatically defaulted to open



Toolbars


Navigation Toolbar

The Navigation toolbar includes the following buttons:

Button	Name and Action
	ED LaunchPoint: This button opens LaunchPoint tracking.
	Message Center: This button opens Message Center. Message Center allows you to quickly view and sign results, documents, messages, and orders. Through it, you can communicate with other clinicians and providers (Physicians Only)
	Results Callback: The Results Callback worklist tracks patients requiring follow-up, pushes clinical information from the encounter to the user, and improves communication between all of the clinicians involved in the callback process.
	ED Real Time Dashboard: ED Dashboard displays real-time data for the emergency department. The dashboard pushes information to managers and other users to support bed management, staffing, and other decisions that ultimately drive throughput and patient satisfaction. Information is displayed in a component-based layout on a single display. You can select each component to view specific patient-level information.

Key Notifications Toolbar

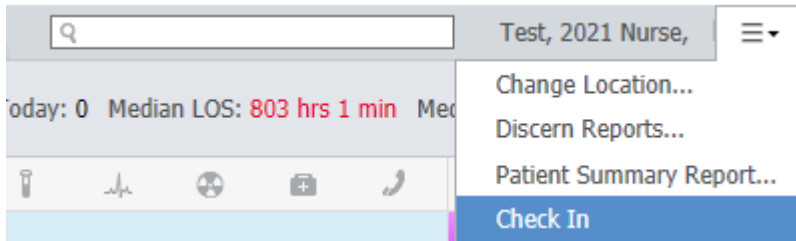
The Key Notifications toolbar includes the following buttons:

Button	Name and Action
	Key Notifications: This button alerts you when specific notifications are received in your Inbox (Physicians Only)

Checking In and Assigning Providers

Complete the following steps to check in:

1. Click **Customization icon** in the upper-right corner. Select **Check In** from the menu.



2. Enter the required details in the Provider Checkin dialog box, and click **OK**.

A screenshot of the 'Provider Checkin' dialog box. The dialog has several fields: '*Provider:' with a text input containing 'Test, 2021 Nurse'; 'Display Name:' with a text input containing 'TM'; '*Provider Role:' with a dropdown menu set to 'ED Nurse'; 'Default Location:' with a dropdown menu set to 'IRN'; 'Default Relation:' with a dropdown menu set to 'IRN'; 'Provider Comment:' with a text area; 'Associated Provider Color' with a color selection box; 'Available Teams:' and 'Assigned Teams:' with list boxes and 'Assign'/'Remove' buttons; 'Assigned Team Locations:' with a list box; 'Assigned Patients:' with a list box and 'Assign All', 'Assign', 'Remove', 'Remove Prov', and 'Remove All' buttons; 'Reassign to Provider:' with a checkbox 'All providers' and a dropdown menu; 'Available Provider' with a checked checkbox; 'Available Reviewer' with an unchecked checkbox; and 'OK' and 'Cancel' buttons at the bottom right.

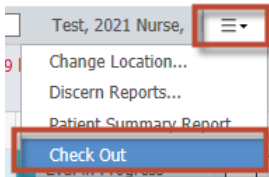
The Provider Checkin dialog box allows you to define the following information:

- **Provider:** This is your name as it is defined in *Cerner Millennium*.
- **Display Name:** This determines what name is displayed in the Provider columns on the tracking lists. This display name is your initials, but it may be defined by the facility's processes. Position your pointer over the provider initials in the Assigned Provider column. The tooltip displays your full provider name followed by the display name information.
- **Provider Role:** This displays the role that represents your position. It determines the provider column your display name is displayed in. For example, if you checked in with Physician as your role, your display name is written in the MD column for the patient you assign yourself to. If you checked in with Registered Nurse as your role, your display name is written in the RN column for the patient you assign yourself to.
- **Default Relationship:** This defines your relationship to the patients. This avoids the need to define your relationship to patients each time you open a patient's chart.
- **Provider Comment:** This displays comment notes that are displayed on the Provider tab.

- **Assigned Patients:** This displays patients you are assigned to.
- **Reassign to Provider:** This allows you to select another clinician or provider who is checked in that you want to assign your patients to.
- **Assign All:** This action assigns all patients in the Assigned Patients column to the provider selected from the Reassign to Provider list.
- **Un-assign All:** This action allows you to revoke assigning patients to the clinician or provider selected from the Reassign to Provider list.

Check Out

1. Hover over the **Customization** icon.



2. A menu displays. Note how **Check Out** now displays in place of **Check In**
3. Select **Check Out** the **Provider Checkin** dialog box would open and you would follow the Check Out process

Assigning Providers in ED LaunchPoint

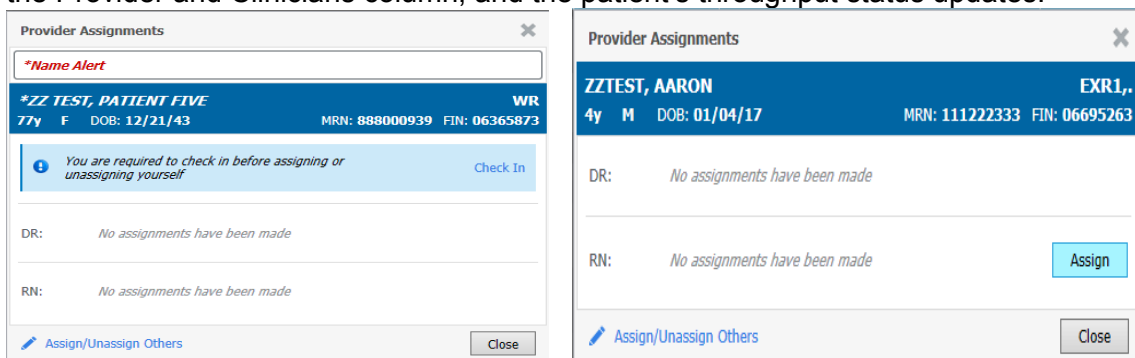
After you check in, you can assign yourself to patients to treat them.

Complete the following steps to assign yourself to a patient:

1. Select a patient in the tracking list.
2. In the Provider and Clinicians column, select the box designated for your role. This opens the Provider Assignments dialog box.

Room	Patient Information	Patient Details	LOS	DR	RN
Triage,.	3 *ZZ TEST, PATIENT T... 24y F	Fever	00:02		<input type="checkbox"/>
RTA01,.	2 *ZZ TEST, PATIENT T... 60y M	Cough	122:34	EDD	
FT02,. V/A Alert	3 *ZZ TEST, PATIENT... 82y F	Dx: Ankle sprain 845.00 Testing comments on E...	30:01	EDD	TM
FT03,.	3 *ZZ TEST, PATIENT T... 55y F	Epistaxis	05:56		<input type="checkbox"/>

3. Click **Assign** for the appropriate role. The dialog box closes, your initials are displayed in the Provider and Clinicians column, and the patient's throughput status updates.



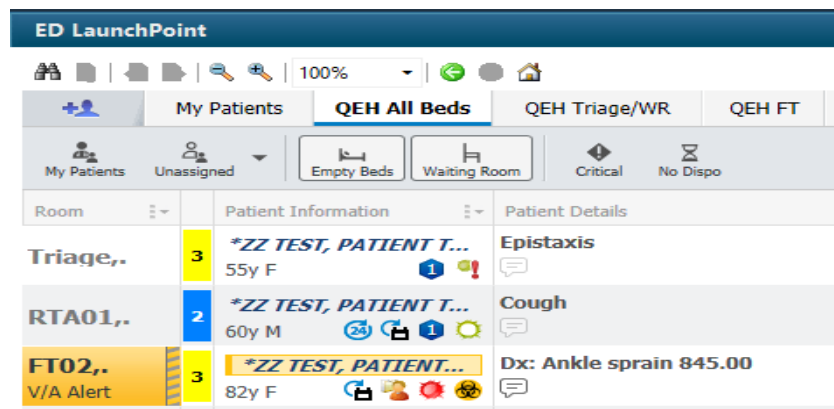
Note;

You cannot assign yourself to a patient before you **check in**.

Using Zones and Filters

Zones

ED LaunchPoint zones are used to filter the view of the department to specific areas such as All Beds, Triage /Waiting Room or other zones of specific locations. The first zone, My Patients, displays all patients currently assigned to a provider. The second zone, All Beds, displays all patients currently in the emergency department (ED). Any zones that follow are custom zones and display patients based on your facility's configuration.



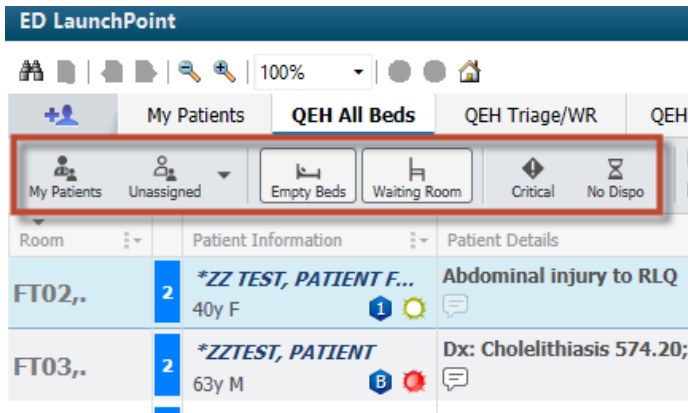
Providers can switch between zones to see different patients based on the patient's bed location. For example, the zone named Department or All Beds displays all patients in the ED, whereas a zone for a Triage/Waiting Room only displays patients in Triage/Waiting Room beds.

Filters

ED LaunchPoint includes the following filters to change the patients that are displayed:

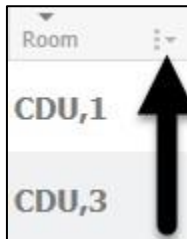
- **My Patients:** Only patients assigned to you are displayed.
- **Unassigned:** Click **Unassigned** to select one of the following options:
 - **Physician Unassigned:** The system displays patients who are unassigned to a physician.
 - **My Role Unassigned:** The system displays patients who are unassigned to any user checked in with your same role.
 - **My Role Unassigned + Physician Unassigned:** The system displays patients who are unassigned to a physician and unassigned to any user checked in with your same role.
- **Empty Beds:** Empty beds are displayed.

- **Waiting Room:** If you select this filter, patients in the waiting room (WR) are displayed in the All Beds zone.
- **Critical:** If you select this filter, patients with critical laboratory results or critical vital signs are the only patients that are displayed.
- **No Dispo:** Only patients still waiting for a disposition are displayed.

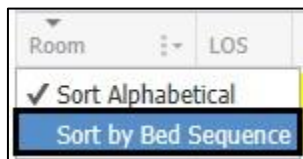


Set the My Patients tab as a to be seen zone (Same as “Doctor” or “Nurse” tab)

1. Click the **Room** column dropdown.



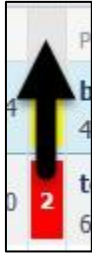
2. Select **Sort by Bed Sequence**.



3. Click the LOS column header to sort from longest to shortest stay.



- Click the Acuity score column header to sort from highest to lowest priority.




The **To Be Seen** zone is now sorted to display the next to be seen at the top of the board.

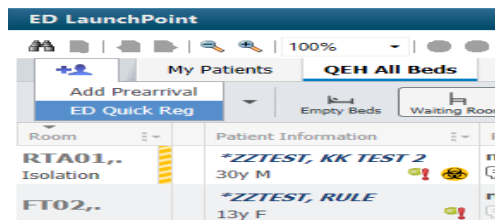
Room	LOS	Acuity	Patient Information	PIN
CDU,3	258:30	2	60y F	AH
Rm 5,1 Travel Symptom	311:44	3	48y F	AH
CDU,1	22:51	3	20y M	AH

Tasks

Quick Registering a Patient

Complete the following steps to quick register a patient in ED LaunchPoint:

- Click the **add patient** button .
- Select the Quick Registration conversation



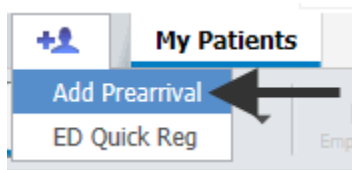
- In the Patient Search dialog box, search for the patient using the available parameters.
- If the patient is not already in the database, click **Add Person**.
- If the patient is already in the database, select the name, and click **Add Encounter**.
- In the Quick Registration dialog box, enter the information as appropriate, and click **OK**.

Prearrival in FirstNet

The Pre-Arrive function allows you to add patients that are arriving by ambulance, or are referred to the emergency department by a provider, to LP without assigning a medical record number and financial number.

Add Prearrival

- To add a Prearrival, hover over the **Add Patient** icon () and select **Add Prearrival**.



The **Pre-Arrival Form** opens. Document as per usual.

Pre-Arrival Form

Pre-Arrival Type: Telephone Triage, Age: 54, Gender: Male, Presenting Problem: Chest Pain, Location: Pre-Arrival (3), Estimated Arrival Date: 2021-Feb-11 1055

Last Name: zztest, First Name: sue, MRN: , Date of Birth: , Primary Care Physician: , Referring Source:

Pre-Arrival User: Test, 2021 Nurse

Other Information: Chest pain since 0300hr. Radiates gown left arm. Pain 3/10 after 3 nitro sprays. ASA given on route.

OK Cancel

Cancel Prearrival

- Right-click the **PreArrival** and select **Cancel Prearrival** from the menu.
- Note the contextual menu is very limited.

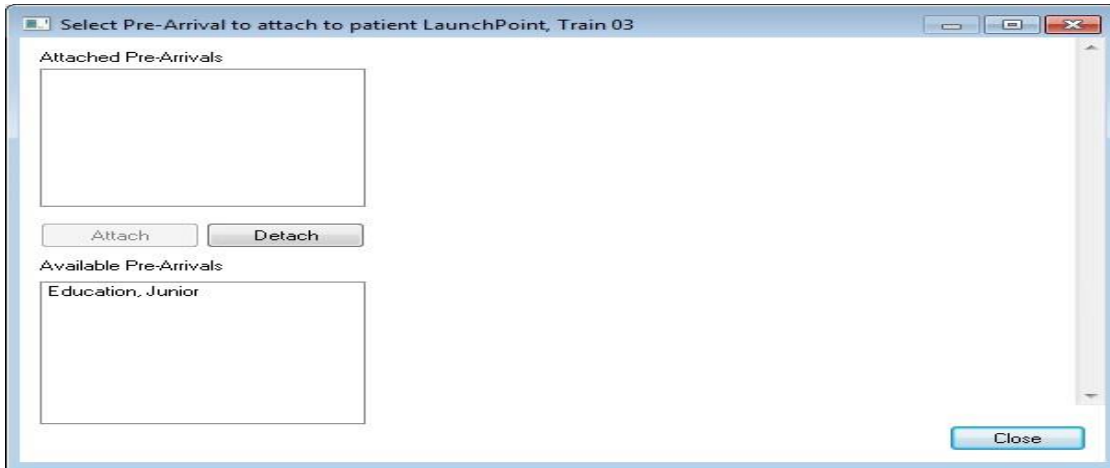


Attach Prearrival

- Once the patient arrives, complete a Quick Registration.
- Next, to attach a prearrival form to the patient, right-click the patient's row.
- Select **Attach Prearrival** from the menu.

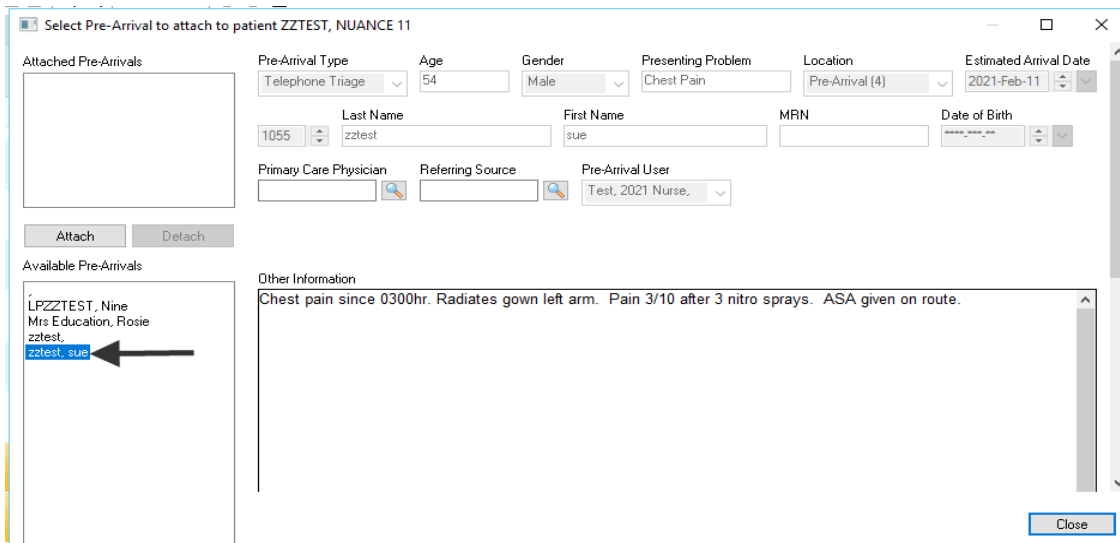


The **Select Pre-Arrival to attach to patient** window opens.



- Select the appropriate prearrival from the **Available Pre-Arrivals** pane.

The Prearrival form displays on the right.



- Click the **Attach** button

The prearrival now displays in the **Attached Pre-Arrivals** pane.



- Click the **Close** button.

- The Prearrival has been attached to the patient, and the **Pre-Arrival Note** icon displays in the **Patient Information** column.



- Click on the **Pre-Arrival Note** icon to display the Pre-Arrival information.

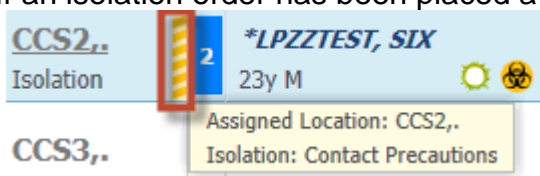
Columns

Room Column

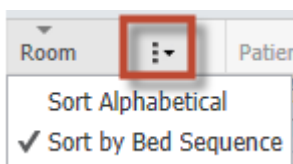
Room	Patient Information	Patient C
EXR3,, V/A Alert	*LPZZTEST, SEVEN 28y T	Abdomi
EXR4,,	Assigned Location: EXR3,, High Alert: V/A Alert Isolation: Airborne & Contact Precautions	
EXR5,,	Isolation: Droplet Precautions	
SECL,,	Assigned	
DROF,,	Available	
OU,,	Assigned	

Information includes:

- Room number/location
- Precautions & Alerts – Isolation, V/A
- You will need to hover over the cell to view all the alerts if there is more than one
- The Room background color changes if an alert is present for the patient. The color changes to orange for a high alert and red for a critical alert
- If an isolation order has been placed a yellow striped band will appear.



- You can sort the column by bed sequence or alphabetically



- To relocate your patient, click on the room number and the Bed Board window will open

CTAS Column

After the CTAS has been completed the level of acuity with the appropriate number and color will populate to Launchpoint screen

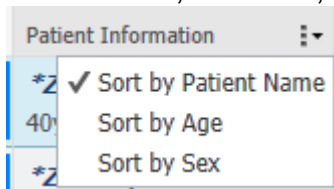
FT02,,	2	*ZZ TEST, PATIENT F...	40y F	1	🔔
FT03,,	2	*ZZTEST, PATIENT	63y M	B	🔔
FT04,,	2	*LPZZTEST, ELEVEN	12m F		🔔
RTA05,,		Available			
FT06,,	5	*ZZTEST, PATIENT	63y M	📄	🔔
FT07,,	2	*LPZZTEST, DEMO	20y F		🔔
FT08,,	3	*LPZZTEST, SIX	23y M	🏠	🔔

Patient Information Column














FT06,,	5	*ZZTEST, PATIENT	63y M	📄	🔔
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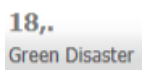

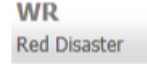
This column replaces many columns from the tracking board

- Name
 - Click patient name to open chart
 - Click blank space under patient name to open **Patient Summary**
- Age
- Sex
- Icons
 - Hover over to view icon name
 - Certain icons, if clicked, open to more information EG Allergies



ICONS

Icon	Name and Description
	<p>Critical Note Present for the Patient: This icon alerts providers that an organizational-specified note is present for the patient. This note can represent various details (such as frequent ED flyer, excessive CTs, and so on) and is accessible from the Patient Summary, as well as in the patient's chart.</p>
	<p>Allergy Documentation: This icon indicates that confirmed allergy information exists on the patient's medical record. Click Allergy Documentation to open the allergy profile.</p>
	<p>No Known Allergies: This icon represents no known allergies on the patient's medical record.</p>
	<p>Allergies Not Checked: This icon represents that allergy documentation has not taken place.</p>
	<p>Pre-arrival Note Present: If applicable, this icon notifies providers that pre-arrival documentation is available to view. Click Pre-arrival Note Present to view this documentation in a new window.</p>
	<p>Isolation/ARO: This icon indicates that isolation precautions have been ordered for a patient or there's an ARO status for the patient. (eg. C. Difficile, Contact Isolation, CRE, Droplet Isolation, Droplet & Contact, MRSA, MRSA & VRE, VRE)</p>
	<p>24-Hour Return: This icon indicates that the patient has returned in the last 24 hours.</p>
	<p>48-Hour Return: This icon indicates that the patient has returned in the last 48 hours.</p>
	<p>72-Hour Return: This icon indicates that the patient has returned in the last 72 hours.</p>
	<p>14-Day Return: This icon indicates that the patient has returned in the last 14 days.</p>
	<p>Full Resuscitation: This icon indicates that the patient has an active resuscitation status of Full Resuscitation.</p>
	<p>No CPR, Defibrillation, or Intubation: This icon indicates that the patient has an active resuscitation status of No CPR, No Defibrillation, or No Intubation.</p>
	<p>Do Not Resuscitate: This icon indicates that the patient has an active resuscitation status of Do Not Resuscitate.</p>

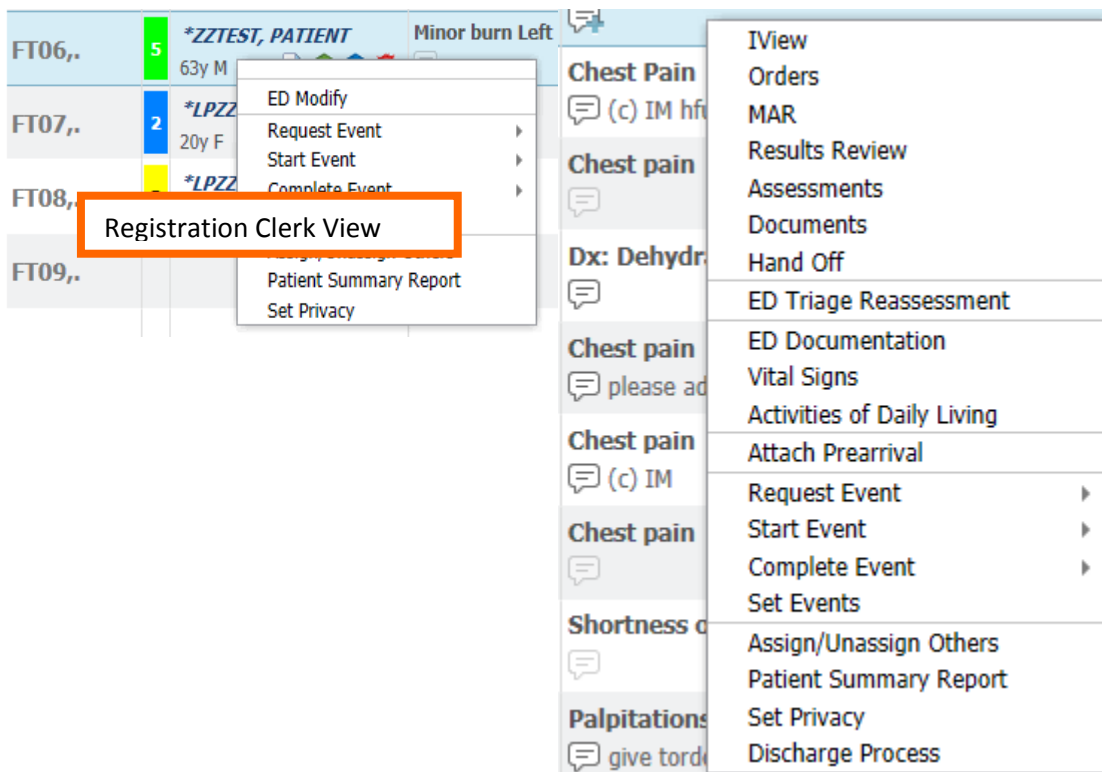
	Multiple Resuscitation Statuses: This icon indicates that the patient has multiple active resuscitation statuses.
	Workers Comp: This icon indicates that workman's compensation is documented for a patient.
	Inpatient: This icon indicates that the Inpatient event selected for a patient.
	BPMH First: This icon indicates that the 1 st BPMH event is selected for a patient.(QEH & PCH)
	BPMH Second: This icon indicates that the 2 nd BPMH event is selected for a patient.(QEH & PCH)
	BPMH Completed: This icon indicates that the BPMH event is selected for a patient.(QEH & PCH)
	V/A Alert (Room Alert): This icon indicates that there's a V/A Alert for a patient.
	V/A ED Use (Name Alert): This icon indicates that there's a V/A Alert selected for a patient.
	CDU Patient (QEH): This icon indicates that the CDU event is selected for a patient.
	Observation Patient (WH): This icon indicates that the Observation event is selected for a patient.
	Green Disaster (QEH): This icon indicates that the Green event is Selected for a patient.
	Yellow Disaster (QEH): This icon indicates that the Yellow event is Selected for a patient.
	Red Disaster (QEH): This icon indicates that the Red event is Selected for a patient.

Using the Patient Context Menu

The patient context menu gives providers options to quickly complete actions on a patient and open a patient's chart.

To open the menu commands for the patient, right-click anywhere on a patient's row. The patient context menu displays the following items:

- Up to five customized quick links in patient charts
- Up to five customized quick links to PowerForms
- Quick disposition orders
- Ability to set events
- Open the discharge or admit workflow and (ED Modify for registration)



Patient Summary

The Patient Summary tab provides an all-encompassing view of the patient's triage information, medical history, and any other critical information. To access the Patient Summary tab, click a patient's name.

The Patient Summary tab is divided into the following sections:

- **Demographics Bar:** Consists of the patient name, date of birth, age, medical record number (MRN), and bed location. Click the patient's name to open the chart. Alternatively, click the **Open Patient Chart** link.

- **Visit Notifications:** Includes primary physician, acuity level, alert notifications, allergies and reactions, and pre-arrival document (if applicable).
- **Triage Information:** Includes time of triage, reason for visit (RFV), chief complaint, History of Present Illness, Paper Based Care Plan Information, vital signs, POC glucose, and capillary glucose.
- **Visits:** Includes historical RFV and documentation from past emergency department (ED), ambulatory, and inpatient visits.
- **Critical Notes (If Applicable):** This section can be used for note types providers need to see to correctly treat patients.
- **Medical History:** Consists of active and historical problems.
- **Home Medications:** Lists any documented home medications the patient is currently taking.
- **Family History:** Lists any documented family medical problems and associates them with a corresponding relative.
- **Procedure History:** Lists any documented medical procedures and the corresponding date of procedure.
- **Social History (If Applicable):** Lists any documented social history with corresponding medical risks.

Isolation: Isolation Precautions

*Name Alert

FT03,
FT03,

***ZZTEST, PATIENT**
MRN: 030808737 FIN: 06365922

66 5
63y M DOB: 01/30/57

Patient Summary

Primary Physician: Unknown Physician, Physician [Open Patient Chart](#) [Orders](#) [Refresh](#)

2 Acuity Level

- ciprofloxacin, Confusion;
- Isolation: Isolation Precautions

Critical Notes (0)

There is no information to display.

Visits

Past 5 ED visit(s) within the last year.

Pain (1) test (1)

Past 5 visit(s) within the last year.

Inpatient (3)

- 10/09/20
- 10/08/20
- 09/18/20

Emergency (2)

- 12/04/20
Abdominal pain
- 09/26/20

Triage Information 12/04/20 12:45

Reason for visit: Abdominal distention
Presenting Complaint: test

BP	HR	Temp	Respiratory Rate
98/43	99	↑ 38.0	↑ 22

SpO2 Saturation	Weight	History of Present Illness/Injury
98	120	ongoing ab...

Additional Hx Present Illness/Injury	Paper Based Care Plan/ Location	Add'l Info Paper Based Care Plan
this is testi...	Yes, WH	care plan r...

Home Medications (3)

Hx:

- budesonide-formoterol (Symbicort 200 mcg-6 mcg Turbuhaler) 1 puff(s), Inhalation, BID
- candesartan (Atacand) 32 mg, Oral, Daily
- multivitamin (Cod Liver Oil) 1 cap(s), Oral, Daily

Medical History

Last Reviewed

Active (1)

- Crohn disease 12/04/20

Historical (0)

Family History (0)

There is no information to display.

Procedure History (0)

There is no information to display.

Social History (0)

There is no information to display.

Close

The **Patient Summary** tab is an informational view that is divided into three columns:

Left-most column

- CTAS score
- Allergies
- Isolations
- Critical Notes (e.g.: Resuscitation Status Progress Note)⁴
- Past visits

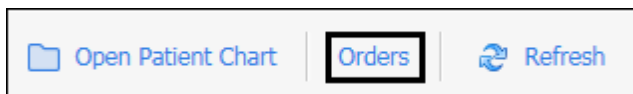
Middle column

- Triage Information
- Vitals
- Home Medications

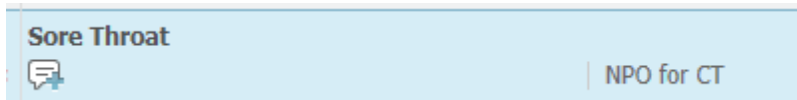
Right-most column

- Medical History
- Family History
- Procedure History
- Social History

Click the **Orders** link in the top right corner, next to **Refresh** to open the patient's chart to the **Orders** Page for your site.

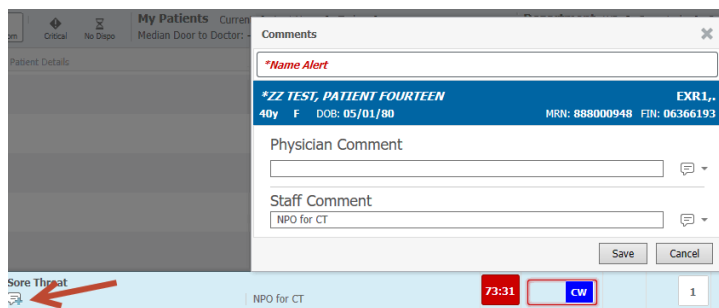


Patient Detail column



Information includes:

- Visit Reason
 - Click to open ED Summary
- Comments
 - Comments are for staff and not saved to the patient chart
 - Two comment sections available- Patient Care and Actions
 - Click on the Add Comment icon to open comment window



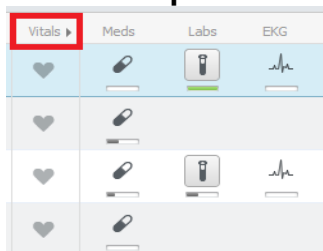
LOS Column –

Length of Stay column function remains the same but will turn red after 24 hrs.

LOS
20:17
64:48

Vital Sign Column

- To view the most recent vital signs,
 - Click the **expand arrow** button ▶ to expand the Vitals column title.

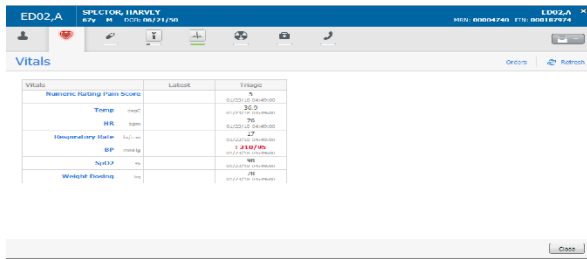


- The tracking list expands to display columns for Temperature (Temp), Blood Pressure (BP), Heart Rate (HR), Respiratory Rate (RR), SpO2, O2 Device, POC Blood Glucose (BG), Pain Score (Pain), and CIWA.


Heart	TEMP	BP	HR	RR	SpO2	O2 Device	BG	Pain	CIWA
Heart	37.2	↑ 234/110	70	16					
Heart	↑ 38.9	↓ 99/55	↑ 106	↑ 28	88	Room air			
Heart	↑ 38.9	↓ 91/45	97	↑ 22	95	Room air	4.8	8	23

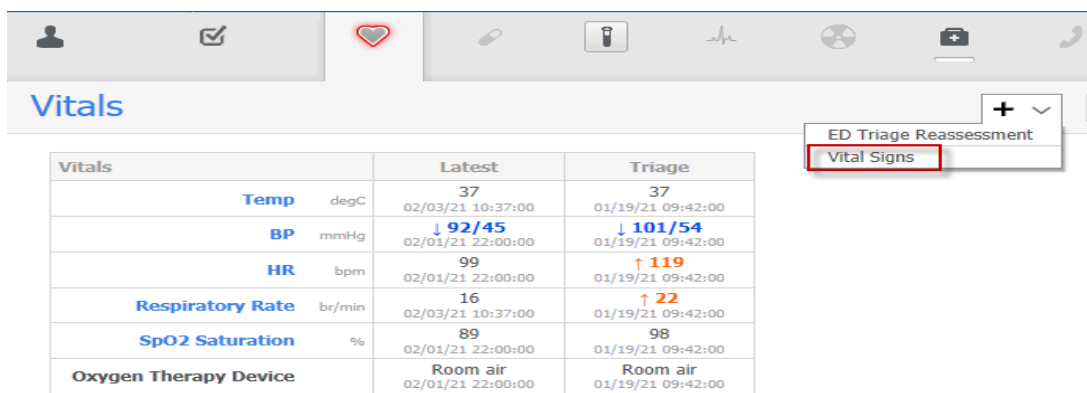
Click the **collapse arrow** button ◀ to collapse the Vitals columns.

- To open the Vitals tab, click **Vitals**, which is a gray heart To collapse the Vital Sign column , click on the arrow
- To see each individual vital sign's trend, click the title of the appropriate vital sign. In addition to viewing vital signs results, you can open the order profile by clicking the Orders button



- To document vitals in iView, click on heart and the vitals window will open. Use

the  the dropdown button and choose “vital Signs” and iView opens to the Vital Signs band.




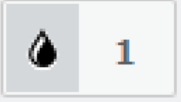




Activities Column

ED LaunchPoint displays numbered icons to indicate that activities are available to complete. A blue indicator is displayed when an order requires nurse review. If the number is displayed without a blue indicator, the pending activities for that category have been reviewed or do not require nurse review.

Click the Activity column to complete your documentation for pending activities.






See the following table for examples of activity icons:

Icon	Description
	All activities are displayed with a number indicating one or more activities are pending completion. Documentation activities or activities that do not require nurse review do not display a blue indicator.

	A blood drop icon is displayed next to the activity number for ordered labs if the specimen requires blood to be collected.
	A urine cup icon is displayed next to the activity number for ordered labs if the specimen requires other specimens defined as micro or AP.
	A pill icon is displayed next to the activity number for ordered medications.
	A blue indicator is displayed next to the icon for activities that require nurse review.
	A glasses icon is displayed for orders not linked to activities that require nurse review.

Reading Order Status Indicators

Under the order icons, the following status bars signify the current status:

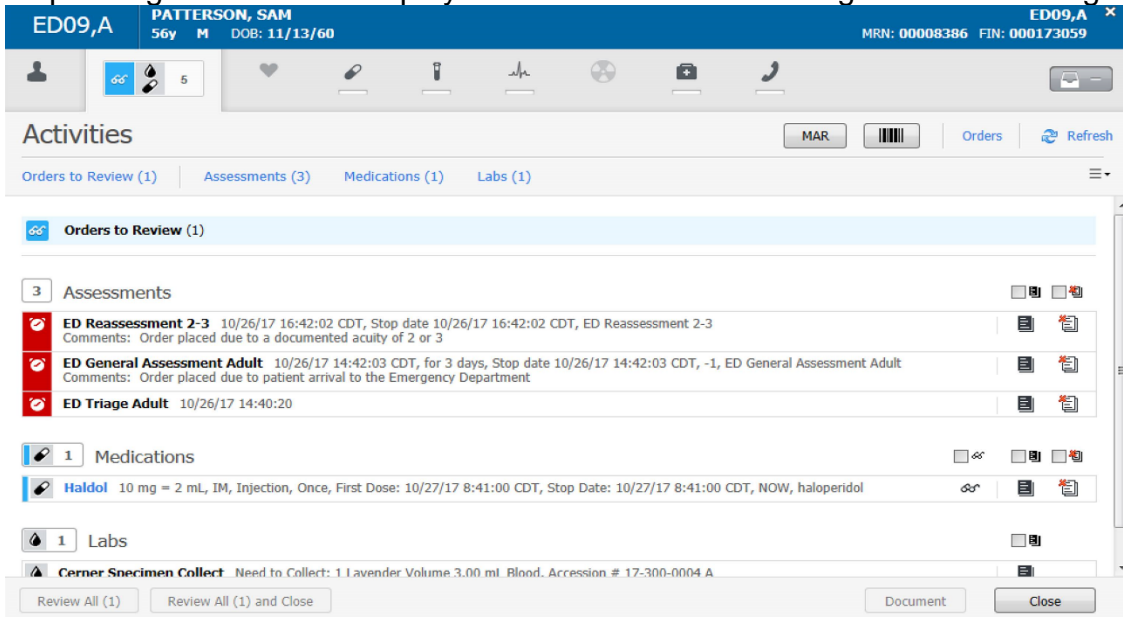
Icon	Icon Name	Description
	Ordered	Order has been placed.
	Ordered and Critically Overdue	Order has been placed, but action is overdue.
	Ordered and Partially Complete	Order is in process, and is partially complete.
	Ordered and Partially Complete, Critically Overdue	Order is in process, partially complete, but next action is critically overdue.
	Complete	Order is complete.

Using the Activities Tab

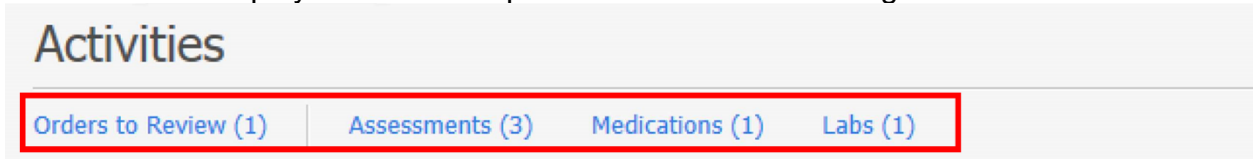
Complete the following steps to use the Activities tab in ED LaunchPoint:

1. Click the **Assessments** icon in the Activities column to open the Activities tab.




2. All pending activities are displayed with the associated badges for each category.



3. Click the links displayed near the top of the tab to access categories as needed.



4. Complete activities by clicking one of the following icons available on the right:

Icon	Description
	Document: Click this icon to complete your documentation for that activity. This icon is only displayed if documentation is available for that activity. If an associated Nurse Review activity exists, it is automatically selected when you click Document .
	Nurse Review: Click this icon to complete a Nurse Review activity. This icon is only displayed if a nurse review is required for that order.
	Chart Not Done: Click this icon to indicate that an activity will not be documented. The system prompts you to enter a reason (for example, duplicate activities, patient refused, and so on).

5. Select the check box at the top of the row to select multiples of the same action



6. After you have selected the appropriate actions you want to take, click **Document**.

Completing Triage Documentation and Accessing Triage Reassessment

Complete the following steps to complete triage documentation activities in ED LaunchPoint:

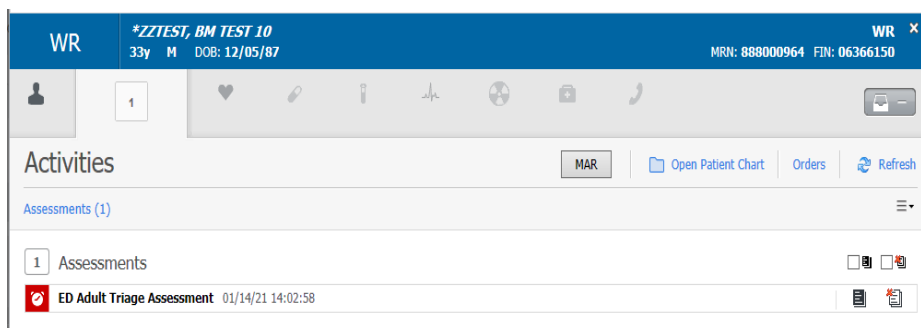
1. When the patient status is displayed as **Triage**, indicating that a Triage Assessment is needed, click the **Assessments** icon from the patient row



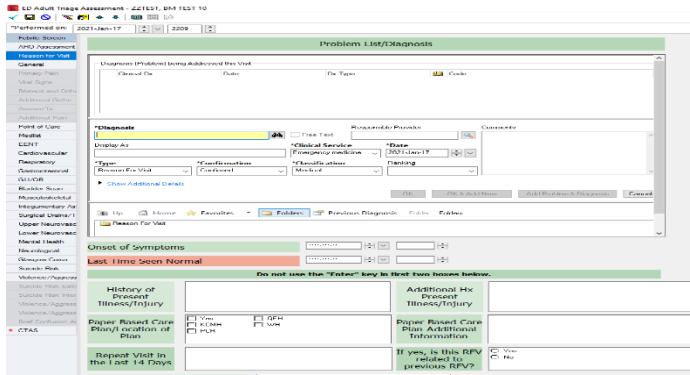
The number indicates the number of assessment activities that are pending completion. In the Activities tab, your triage activity that is available for documentation is displayed.






2. Click the **Document** icon , and then click **Document**.



3. In the Triage PowerForm, complete enter the appropriate information, and then sign the form

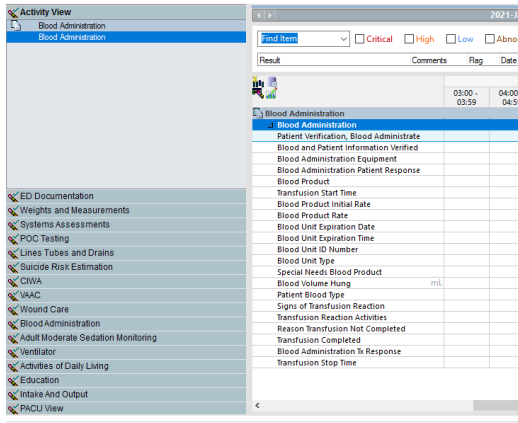


- When you return to the Activities tab in ED LaunchPoint, the application removes the completed triage activity.
- When the grey Vital Signs heart  changes to a heart with a red outline , the vital signs have “gone stale” according to the CTAS Acuity reassessment times. (ex. CTAS 2=15 mins, CTAS 3= 30 mins, etc.. A vital sign will need to be documented to reset the vital signs heart to grey again. The vitals can be documented in the reassessment form or iView to accomplish his task.


The ED Triage Reassessment can be accessed by clicking the grey heart  in the vitals column. The Vitals window opens with a link to the ED Triage Reassessment powerform. This form can be used if you need to update the Acuity.

Vitals	Latest	Triage
Temp degC	37 02/03/21 10:37:00	37 01/19/21 09:42:00
BP mmHg	↓ 92/45 02/01/21 22:00:00	↓ 101/54 01/19/21 09:42:00
HR bpm	99 02/01/21 22:00:00	↑ 119 01/19/21 09:42:00
Respiratory Rate br/min	16 02/03/21 10:37:00	↑ 22 01/19/21 09:42:00
SpO2 Saturation %	89 02/01/21 22:00:00	98 01/19/21 09:42:00
Oxygen Therapy Device	Room air 02/01/21 22:00:00	Room air 01/19/21 09:42:00

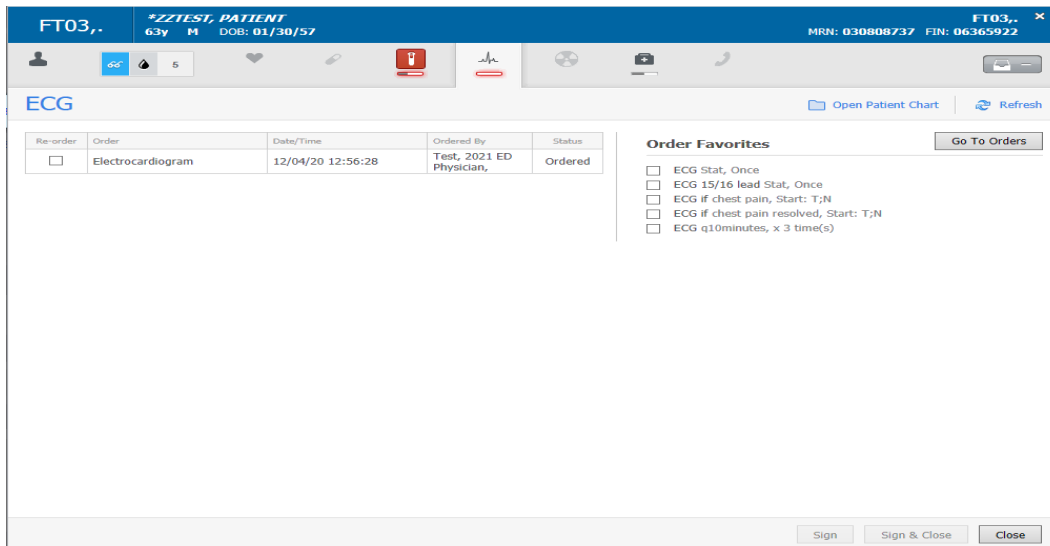
- If the task requires you to document on iView ex blood administration ,when you click on Document, iView will open




Using the ECG Tab

Select **ECG**  in ED LaunchPoint to open the ECG tab. From the ECG tab, providers can perform the following actions:

- Check the status of current orders.
- Place a favorite ECG order.
- Open a patient's order profile with the Orders button.
- Place orders or review results in another category.





Using the Labs Tab

Click **Labs**  in ED LaunchPoint to open the Labs tab. From the Labs tab, providers can view either results, or the laboratory order status, and complete the following actions:

- Check the status of current orders.
- Place ED LaunchPoint laboratory orders.
- Open a patient's order profile using the Orders button.
- Open a patient's chart with the Labs link.
- Review laboratory results.
- Place orders or review results in another category.



Results to Review

A border is displayed around the Labs status if new results are ready for review. The following Labs statuses represent results that are ready to be reviewed:

- Ready for review with normal results 
- Ready for review with abnormal or critical results 

Critical Results

The Labs status changes color to indicate when critical results are present. The following Labs statuses represent results which are critical:

- Ready for review with abnormal or critical results 
- Reviewed with abnormal or critical results 

View Labs Order Status

Click **Order Status** to view the status of laboratory orders.

Pending Orders

Re-order	Order	Date/Time	Ordered By	Status
<input type="checkbox"/>	Albumin Level	01/06/21 15:44:49	Test, 2021 ED Physician,	Dispatched
<input type="checkbox"/>	Calcium Level Total	01/06/21 15:44:49	Test, 2021 ED Physician,	Dispatched
<input type="checkbox"/>	Creatinine	01/06/21 15:44:49	Test, 2021 ED Physician,	Dispatched
<input type="checkbox"/>	Phosphate Level	01/06/21 15:44:49	Test, 2021 ED Physician,	Dispatched
<input type="checkbox"/>	CBC w/ Auto Diff	01/06/21 15:43:10	Test, 2021 ED Physician,	Dispatched
<input type="checkbox"/>	Creatinine	01/06/21 15:43:10	Test, 2021 ED Physician,	Dispatched
<input type="checkbox"/>	Electrolytes (Lytes)	01/06/21 15:43:10	Test, 2021 ED Physician,	Dispatched
<input type="checkbox"/>	CBC w/ Auto Diff	01/05/21 14:17:14	Test, 2021 ED Physician,	Dispatched
<input type="checkbox"/>	Creatinine	01/05/21 14:17:14	Test, 2021 ED Physician,	Dispatched
<input type="checkbox"/>	Electrolytes (Lytes)	01/05/21 14:17:14	Test, 2021 ED Physician,	Dispatched
<input type="checkbox"/>	CBC w/ Auto Diff	12/04/20 12:56:28	Test, 2021 ED Physician,	In Process
<input type="checkbox"/>	Urinalysis	12/04/20 12:56:28	Test, 2021 ED Physician,	Dispatched

Order Status

Re-order	Order	Date/Time	Ordered By	Status
<input type="checkbox"/>	Type of Collection	12/04/20 15:35:11	Test, 2021 ED Physician,	✓

Order Favorites

- CBC w/ Auto Diff Blood, Stat collect
- Lytes Blood, Stat collect
- Creatinine Blood, Stat collect
- Glucose Random Blood, Stat collect
- Bilirubin Total Blood, Stat collect
- ALT Blood, Stat collect
- Alkaline Phosphatase Blood, Stat collect
- Gamma Glutamyl Transferase Blood, Stat collect, Start: T;N
- Lipase Level Blood, Stat collect
- CRP Blood, Stat collect, Start: T;N
- Beta hCG Quantitative Blood, Stat collect, Start: T;N
- Troponin - QEH Blood, Stat collect, Start: T;N
- BNP Blood, Stat collect, Start: T;N
- D-Dimer Quantitative Blood, Stat collect, Start: T;N
- INR Blood, Stat collect
- PTT Blood, Stat collect
- Venous Blood Gas Blood, Stat collect, Start: T;N
- Lactate Blood, Stat collect, Start: T;N
- Calcium Level Total Blood, Stat collect
- Magnesium Level Blood, Stat collect
- Phosphate Level Blood, Stat collect, Start: T;N
- Acetaminophen Level Blood, Stat collect, Start: T;N
- Salicylate Level Blood, Stat collect, Start: T;N
- Osmolality Blood, Stat collect

View Labs Results

Laboratory results from orders placed on the current encounter are displayed in the labs dialog. There are two views available, the Flowsheet and the Quick View. Select the tab from which you want to view results.

Your view defaults to that tab the next time you open the Labs tab for any patient.

If you want to review results, the Review All and Review All and Close buttons are available in the lower-left corner.

Flowsheet View

The Flowsheet View displays lab results by time, so all results that come back at the same time are displayed in the same column. The most recent result or results are displayed on the left.

FT03, *ZZTEST, PATIENT 63y M DOB: 01/30/57 MRN: 030808737 FIN: 06365922

Labs Flowsheet Quick View Order Status (12 pending) Show Prior Encounters Open Patient Chart Refresh

Current Encounter Results to Review DEC 04, 2020 13:25

Chemistry		Capillary
Type of Collection		Capillary
Sodium Level	mmol/L	↓ 120
Potassium Level	mmol/L	↑ 6.8
Chloride	mmol/L	109
Total CO2	mmol/L	23
Anion Gap	mmol/L	↑ -12
Glucose Random	mmol/L	5.5
Creatinine	umol/L	↑ 134
e-GFR (MDRD)	mL/min/1.73m ²	78
eGFR (CKD-EPI)	mL/min/1.73m ²	48
Bilirubin Total	umol/L	↑ 45.0
ALT	mU/mL	↑ 78
AST	mU/mL	↑ 87
Lipase Level	mU/mL	↑ 10099

CBC		
WBC	x10 ⁹ /L	8.90
Hgb	g/L	↓ 128
Platelet	x10 ⁹ /L	200
RBC	x10 ¹² /L	5.00
Hct	L/L	↓ 0.340
MCV	fL	90.0
MCH	pg	34.0

Order Favorites: CBC w/ Auto Diff Blood, Stat collect; Lytes Blood, Stat collect; Creatinine Blood, Stat collect; Glucose Random Blood, Stat collect; Bilirubin Total Blood, Stat collect; ALT Blood, Stat collect; Alkaline Phosphatase Blood, Stat collect; Gamma Glutamyl Transferase Blood, Stat collect, Start: T;N; Lipase Level Blood, Stat collect; CRP Blood, Stat collect, Start: T;N; Beta hCG Quantitative Blood, Stat collect, Start: T;N; Troponin - QEH Blood, Stat collect, Start: T;N; BNP Blood, Stat collect, Start: T;N; D-Dimer Quantitative Blood, Stat collect, Start: T;N; INR Blood, Stat collect; PTT Blood, Stat collect; Venous Blood Gas Blood, Stat collect, Start: T;N; Lactate Blood, Stat collect, Start: T;N; Calcium Level Total Blood, Stat collect; Magnesium Level Blood, Stat collect; Phosphate Level Blood, Stat collect, Start: T;N; Acetaminophen Level Blood, Stat collect, Start: T;N; Salicylate Level Blood, Stat collect, Start: T;N; Osmolality Blood, Stat collect

Review All (22) Review All (22) and Close Sign Sign & Close Close

Quick View

The Quick View displays the last three results for a given test for the current encounter. The most recent result is displayed to the left, regardless of the time the result posted. Thus, results may be displayed in the same column that posted at different times during the current visit.

FT03, *ZZTEST, PATIENT 63y M DOB: 01/30/57 MRN: 030808737 FIN: 06365922

Labs Flowsheet Quick View Order Status (12 pending) Show Prior Encounters Open Patient Chart Refresh

Most Recent Results to Review Current Encounter: DEC 04, 2020 13:25

Chemistry		CBC	
Type of Collection	Capillary	WBC	8.90
Sodium Level	↓ 120	Hgb	↓ 128
Potassium Level	↑ 6.8	Platelet	200
Chloride	109	RBC	5.00
Total CO2	23	Hct	↓ 0.340
Anion Gap	↑ -12	MCV	90.0
Glucose Random	5.5	MCH	34.0
Creatinine	↑ 134	MCHC	↓ 34
e-GFR (MDRD)	78		
eGFR (CKD-EPI)	48		
Bilirubin Total	↑ 45.0		
ALT	↑ 78		
AST	↑ 87		
Lipase Level	↑ 10099		

Order Favorites: CBC w/ Auto Diff Blood, Stat collect; Lytes Blood, Stat collect; Creatinine Blood, Stat collect; Glucose Random Blood, Stat collect; Bilirubin Total Blood, Stat collect; ALT Blood, Stat collect; Alkaline Phosphatase Blood, Stat collect; Gamma Glutamyl Transferase Blood, Stat collect, Start: T;N; Lipase Level Blood, Stat collect; CRP Blood, Stat collect, Start: T;N; Beta hCG Quantitative Blood, Stat collect, Start: T;N; Troponin - QEH Blood, Stat collect, Start: T;N; BNP Blood, Stat collect, Start: T;N; D-Dimer Quantitative Blood, Stat collect, Start: T;N; INR Blood, Stat collect; PTT Blood, Stat collect; Venous Blood Gas Blood, Stat collect, Start: T;N; Lactate Blood, Stat collect, Start: T;N; Calcium Level Total Blood, Stat collect; Magnesium Level Blood, Stat collect; Phosphate Level Blood, Stat collect, Start: T;N; Acetaminophen Level Blood, Stat collect, Start: T;N; Salicylate Level Blood, Stat collect, Start: T;N; Osmolality Blood, Stat collect

Review All (22) Review All (22) and Close Sign Sign & Close Close

View Result Details Missing

From either view, position the pointer over the result to see time and reference range information.

ED01,A DUPONT, FELIX
66y M DOB: 06/21/50

Labs Flowsheet Quick View Order Status (2 pending)

Most Recent Results to Review
Current Encounter: Jan 3, 2017 08:20

Automated Hematology

WBC	↑ 14.2
RBC	4.8
Hgb	14
Hct	44
Platelet	32
MCV	92
MCH	30
MCHC	33.0

WBC: 14.2 (HIGH)
Normal Low: 4.0 x10³/mcL, Normal High: 11.0 x10³/mcL
Critical Low: 2.0 x10³/mcL, Critical High: 24.9 x10³/mcL
Status: Auth (Verified)
Date/Time: Jan 3, 2017 08:20 (7 hrs 46 mins ago)

From either view, select the result to view the Result Details dialog box. From here you can view information on who else has reviewed the result and any comments entered by the lab.

Result Details - DUPONT, FELIX B - Complete Blood Count wit...

Result History

Value	Valid From	Valid Until
14.2	01/03/2017 8:26 AM CST	Current

Result Specimen Action List

WBC 14.2 X10³/MCL (HD)

Normal Low 4.0 Normal High 11.0
Critical Low 2.0 Critical High 24.9
Date/Time JANUARY 03, 2017 8:20 AM CST
Contributor System POWERCHART
Accession Number 000002017003000018
Service Resource [BWMC.LH755.1](#)
Status AUTH (VERIFIED)
[Trend](#)

12491113 Forward... Print... Close

View Results From Previous Encounters Missing

You can select to view results from previous encounters directly from *ED LaunchPoint* as well. Select the box next to Prior Encounters. Results from previous encounters are displayed in a separate table to the right. The last three results for each test are displayed. The lookback time is a year.

The screenshot shows the ED LaunchPoint interface for patient DUPONT, FELIX. The 'Prior Encounters' checkbox is checked and highlighted with a red box. The interface displays two tables of Automated Hematology results. The 'Current Encounter' results are for Jan 3, 2017, and the 'Prior Encounters' results are for Jul 12, 2016. The 'Favorites' panel is also visible on the right.

Automated Hematology	
WBC	↑ 14.2
RBC	4.80
Hgb	14.6
Hct	44.3
Platelet	324
MCV	92
MCH	30.4
MCHC	33.0


Automated Hematology	
WBC	↑ 14.2
RBC	4.90
Hgb	15.0
Hct	45.1
Platelet	340
MCV	92
MCH	30.6
MCHC	33.3

Depending on the number of results that are displayed, a scroll bar is available at the bottom of the dialog box allowing you to scroll to see all the qualifying results.

You can create additional space in the dialog box as well by collapsing the Favorites panel.

To do this, click **Hide Favorites** or the **arrow** tab  next to the Favorites header.

Using the Radiology Tab

Select **Radiology**  in *ED LaunchPoint* to open the Radiology tab. From the Radiology tab, providers can perform the following actions:

- Check the status of current orders.
- Place favorite imaging orders.
- Open a patient's order profile with the Orders button.
- Open a patient's chart with the Radiology link.

ED07,A TEST, PATIENT 2y M DOB: 11/27/15 MRN: 12345678 FIN: 12345678 ED07,A

Radiology Orders Refresh

Re-order	Order	Wet Read	Date/Time	Ordered by	Status
<input type="checkbox"/>	CT Head or Brain w/o Contrast	<input checked="" type="checkbox"/>	10/25/17 09:54:05	Test MD, User	Completed



Favorites

- XR Chest 2 Views T:N, Stat, Reason: Chest pain, Transport Mode: Patient Bed
- CT Head or Brain w/o Contrast T:N, Stat, Reason: Head Injury, Reason: Head Injury, Transport Mode: Patient Bed, 0
- KUB T:N, Stat, Reason: Abdominal pain, unspecified, 0
- XR Spine Cervical 2 or 3 Views T:N, Stat, Reason: Spinal Injury, Transport Mode: Patient Bed, 0
- CT Abdomen w/ Contrast T:N, Stat, Reason: Abdominal pain, generalized, Reason: Abdominal pain, generalized, Transport Mode: Patient Bed, ABDOMINAL PAIN, GENERALIZED, 0
- Chest XR 2 Views T:N, Stat, Reason: Shortness of breath (SOB)

Sign Sign & Close Close

Documenting Patient Care Activities

Complete the following steps to document patient care activities in ED LaunchPoint:

- When a number is displayed with the Patient Care icon  to indicate that a patient care activity needs to be completed, click the **Patient Care** icon to open the Activities tab.
- Click the **Document** icon  next to the patient care activity that you want to complete, and click **Document**

Patient Care **2**

Tasks			
Straight Catheter 03/25/16 13:23:00 CDT, for 3 days, Stop date 03/25/16 13:23:00 CDT, -1, 03/25/16 13:23:00 CDT	<input checked="" type="checkbox"/>		
Peripheral IV Insertion 03/25/16 13:22:00 CDT	<input checked="" type="checkbox"/>		



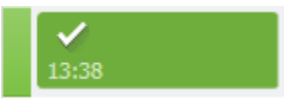
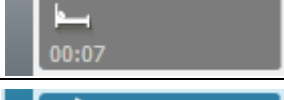
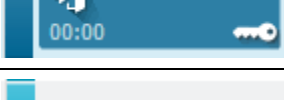
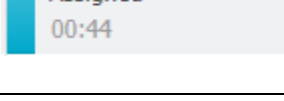
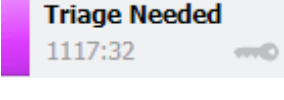
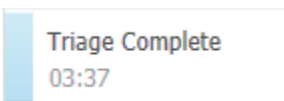
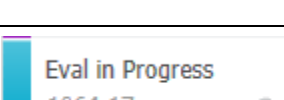

Document Close

- Complete the associated documentation components that remain open, and click **Sign**.

Throughput Status column






Using the Patient Status Dialog Box

The Status column gives you a quick way to determine patient statuses. Their total length of stay (LOS), whether orders are completed, and disposition status are all displayed here. Once a disposition order is placed, the status updates to display the disposition order and the top LOS time displays the time since the disposition order was placed.

Patient Status	Description
 Pre-Arrival ETA 00:00	Pre-Arrival
 Unassigned 00:19	Unassigned
 13:38	Orders Complete
 00:07	Admit Orders Entered
 00:00	Discharge
 Assigned 00:44	Assigned to a provider
 Triage Needed 1117:32	Triage Needed
 Triage Complete 03:37	Triage Complete
 Eval in Progress 1064:17	Evaluation in Progress
 Dr Recheck 00:51	Dr Recheck

Using the DOC Column

The DOC column replaces the PN (PowerNote) column. It shows when a PNEC has been saved and/or signed. The white paper icon represents a saved document, while the green paper icon with a white checkmark represents a signed PNEC. The documents can be accessed by clicking on the icons in the column.

Status	Doc
Assigned 20:07	
Eval in Progress 162:06	
 167:50 Admit Hosp B	
Assigned 162:06	

ZZ TEST, PATIENT TWELVE - 888000946 - Cough - 2021-Jan-26 14:55

*** Final Report ***

Cough

Patient: ZZ TEST, PATIENT TWELVE MRN: 888000946 FIN: 06366246
Age: 55 years Sex: Female DOB: 1965-Feb-01
Associated Diagnosis: Wheezing 786.07
Author: Test, 2021 ED Physician,

Basic Information
Time seen: Assign Time Seen
Time Seen:
Test, 2021 ED Physician, / 01/26/2021 14:55

Additional Information: Triage: History of Present Illness : History of Present Illness/Injury
2021-Jan-26 14:44 History of Present Illness/Injury this is the history
Additional Hx Present Illness/Injury additional , Covid

Screening Tool
2021-Jan-26 14:44 Covid Screening Tool Negative .

ghuhu huhui huytgu ghuytgyu gygyu

History of Present Illness
The patient presents with not cough. The onset was just prior to arrival.

Health Status
Allergies:
Allergic Reactions (All)
Severity Not Documented

Using the Patient Disposition Tab

Use the ED LaunchPoint Patient Disposition to view patients who have been checked out of the emergency department (ED)

ED LaunchPoint

My Patients PCH All Beds PCH Triage/WR PCH Siderooms PCH StaCU PCH CCS Patient Dispositions Walker, Carol A, RN

My Patients Current: 2 Last Hour: 0 Today: 0
Median Door to Doctor: 215 hrs 7 min

Department WR: 3 Prearrivals: 0 Current: 10 Last Hour: 0 Today: 0
Median LOS: 742 hrs 39 min Median Door to Doctor: 215 hrs 7 min

LOS	DR	RN	TEMP	BP	HR	RR	SpO2	O2 Device	BG	Pain	CIWA	Status	Doc
719:38			38	145/90	99	22	97	Room air		8	2	718:19	
743:54	HK											Triage Needed 743:54	
742:40	2T	CW										Eval in Progress 527:33	
743:55	CW										66	Triage Needed 743:55	
												Unassigned	

FirstNet Organizer for Duetzman, Andy

Task Edit View Patient Chart Links Notifications Navigation Help

ED LaunchPoint ED Dashboard Results Callback Worklist Message Center Quality Measures Summary Cardiovascular Floor Plan Patient List Tracking List eCoach

Calculator Ad-Hoc PM Conversation Depart Communicate Medical Record Request Patient Pharmacy Dissem Reporting Portal HNACombine Update Result: 0 Propos: 0 Messa: 0

HEATLEY, PIPER Recent Name

ED LaunchPoint Full screen Print 0 minutes ago

My Patients ED All Beds ED Fast Track WR Patients Triage Registration EMS Green Team Blue Team ED Disaster Patient Dispositions Duetzman, Andy

12 hours 24 hours 48 hours 72 hours Custom My Patients My Unsigned Notes Dispositions Department Total Patient Count: 23 Median Door to Doctor: 37 min Median LOS: 2 hrs 51 min AMA: -- LWBS: 1 (4.3%) Admits: --

Check-out Time	Pre-Check-out Location	Patient Information	RD	HL	RN	Patient Details	Discharge Disposition	LOS
01/31/2019 08:24	FT01,A	HEATLEY, PIPER 32y F	EC			Dx: Streptococcal pharyngitis	Home or Self Care	1h 14m
01/31/2019 08:17	WR	PATTERSON, SAM 55y M				Chest pain - Cardiac	Home or Self Care	0h 17m
01/31/2019 08:05	ED10,A	GOMEZ, MILA 79y F	EC			head lac	Home or Self Care	1h 15m
01/31/2019 08:04	ED05,A	LANG, MARK JOSEPH 42y M	EC			Dx: Chest pain wife is in the WR	Home or Self Care	0h 44m
01/31/2019 07:56	FT01,A	***** 55y F	EP			Dx: Streptococcal pharyngitis	Home or Self Care	0h 36m
January 30, 2019								
01/30/2019 14:26	WR	TILLEY, SOPHIA 28y F				Lab draw	Home or Self Care	0h 28m
01/30/2019 13:56	WR	TILLEY, ELLA 38y F				Lab draw	Home or Self Care	0h 04m
01/30/2019 13:50	WR	TILLEY, ELLA 38y F				Laceration	Home or Self Care	0h 03m
01/30/2019 13:46	ED06,A	TILLEY, HARPER 36y F				Laceration	Home or Self Care	0h 10m
01/30/2019 12:58	661,1	ALVAREZ, ALMA 42y F	EP			Dx: Dyspnea	5h 18m	
01/30/2019 10:51	CARD2,B	FRANKLIN, BILL 68y M	EP			Chest pain	Home or Self Care	2h 51m
01/30/2019 09:56	ED07,B	LANG, MARK JOSEPH 42y M	EC			Dx: Hypertension; Hypertension; Sleep apnea; Streptococcal pharyngitis	Home or Self Care	3h 41m
01/30/2019 08:17	WR	COFFEY, STANLEY 66y M				Chest pain - Cardiac	Home or Self Care	0 22h 52m
01/30/2019 08:17	WR	SMITH, DOROTHY 73y F				Chest pain - Cardiac	Home or Self Care	0 21h 56m
01/30/2019 08:17	WR	BAKER, HUGH 68y M				Chest pain - Cardiac	Home or Self Care	0 20h 27m
01/30/2019 08:16	ED06,A	FRANKLIN, BILL 68y M	EP			Dx: Peritonsillar abscess	Home or Self Care	0h 11m
01/30/2019 02:09	WR	FRANKLIN, BILL 68y M				Chest pain - Cardiac	Home or Self Care	0 12h 09m
01/30/2019 02:08	ED07,A	REID, MATILDA 35y F	HA			Abdominal pain	Home or Self Care	0 15h 08m
01/30/2019 02:08	FT01,A	TOHEY, SOPHIA 65y F	HA			Dx: Arm laceration	Home or Self Care	0 12h 38m
01/30/2019 02:06	566,1	BRUNS, ASHLEY 29y F				Dysuria	Home or Self Care	0 12h 56m
January 29, 2019								
01/29/2019 14:31	ED13,A	CRUZ, CARMEN 65y F	EP			chest pain x 20 min with radiation to L shoulder. SOB upon exertion	Home or Self Care	4h 01m
01/29/2019 13:02	ED14,A	CORNWELL, LYDIA 68y F	EP			" R forearm laceration" In CT Scan	Home or Self Care	6h 22m
01/29/2019 08:51	WR	NORMAN, ROGER 58y M				Abscess	Left Without Being Seen	0h 51m

Selecting the Look-Back Time

You can select a specific look-back time from the available options (such as **12 Hours**, **24 Hours**, and so on), or you can select a custom look-back range to adjust how far back you look. Click **Custom** to open the Custom Look back Range dialog box, and then click in the Date Range box to select a range from the calendar.

ED LaunchPoint

My Patients ED All Beds ED Fast Track WR Patients Triage Registration EMS Green Team

12 hours 24 hours 48 hours 72 hours Custom My Patients My Unsigned Notes Dispositions Department

Custom Lookback Range

Event: Checked Out

Date Range: 01/30/2019 - 01/31/2019

Time: 08:00

Calendar view showing dates from Dec 2018 to Jan 2019. The date 31 is highlighted.

Filtering Patients

The following filters are available:

- **My Patients:** Select this filter to view patients you are assigned to.
- **Unsigned Notes:** Select this filter to view patients whose documentation is unfinished. You can filter by the following documentation statuses:
 - Needs Cosign
 - In Progress
 - Workflow Only
 - No Documentation Started
- **Dispositions:** Select this filter to view patients with a particular depart tracking event or discharge disposition.
 - Examples of depart tracking events include Discharge, Admit, and Transfer.
 - Examples of discharge dispositions include Home or Self-Care, Left without Being Seen, and Left Against Medical Advice.