

Chart Assist's automatic chart review uses point-of-care clinical documentation and electronic health record data to prompt for undocumented diagnoses lacking specificity when all expected clinical criteria are present.

Chart Assist Features

Chart Assist presents **opportunities** to providers, which allows the ability to add or dismiss upon presentation. Clinical evidence can be reviewed to support the presented opportunities within the Provider Worklist as well as the ability to add the diagnoses to the Assessment and Plan within the provider Workflow MPage.

NOTE: Chart Assist uses condition-specific algorithms to evaluate the patient's chart and identify potential documentation improvement opportunities. It is important to note that this capability is intended to augment the provider's documentation and is not a substitute for the provider's clinical expertise and medical decision making.

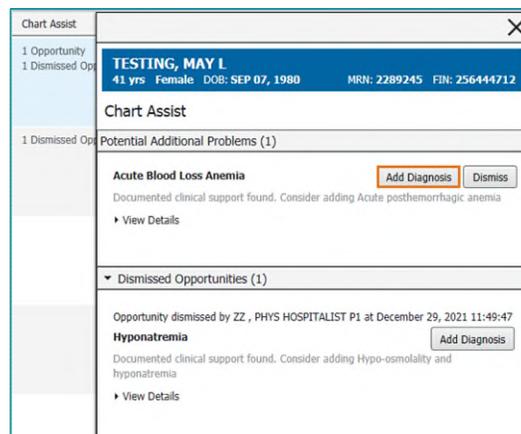
Chart Assist – Provider Handoff Column

The Chart Assist worklist column displays opportunities that include clinical information relevant to **missing problems** or **missing clinical support** for the documented problem within **Provider Handoff**. If a diagnosis is documented and any of the criteria is not specific enough, **an opportunity** or **recommendation** is presented. Providers can add or dismiss opportunities directly in the **Chart Assist** column detail pane.

STEP 1: Within **Provider Handoff**, select the **Chart Assist** cell within the patient row to view additional information about the opportunities available to the patient. The system displays the information in the detail pane to the right.

Patient	Location	Diagnoses	Code Status	Chart Assist	Documentation
*TESTING, MAY L 41 yrs F FIN: 256444712 MRN: 2289245 DOB: SEP 07, 1980	B592-01 SBLA	1 - Acute blood loss anemia Type 2 diabetes mellitus without complication Unspecified diabetes mellitus in pregnancy, unspecified trimester		2 Opportunities	

STEP 2: Select **Add Diagnosis** from the **Potential Additional Problems** section in the detail pane to add it to the patient's problem list.

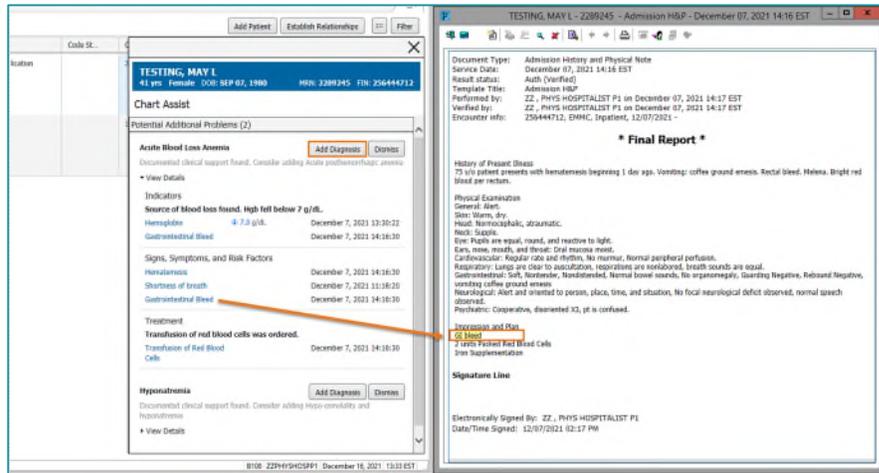


The screenshot shows a 'Chart Assist' window for patient TESTING, MAY L (41 yrs Female, DOB: SEP 07, 1980, MRN: 2289245, FIN: 256444712). The window is divided into sections:

- Potential Additional Problems (1):** Lists 'Acute Blood Loss Anemia' with a note: 'Documented clinical support found. Consider adding Acute posthemorrhagic anemia'. It includes 'Add Diagnosis' and 'Dismiss' buttons, and a 'View Details' link.
- Dismissed Opportunities (1):** Lists 'Hyponatremia' with a note: 'Documented clinical support found. Consider adding Hypo-osmolality and hyponatremia'. It includes an 'Add Diagnosis' button and a 'View Details' link.

STEP 3: Click **View Details** in the detail pane to view the associated documentation for an opportunity.

- The system displays the source documentation in a new window and highlights the specific clinical findings that triggered the opportunity.
- Close the document to exit.



STEP 4: Click **Dismiss** to dismiss the presenting opportunity.

- Click **Undo** to bring the opportunity back.
- Providers can select **Add Diagnosis** for dismissed opportunities within the **Dismissed Opportunities** section of the detail pane.

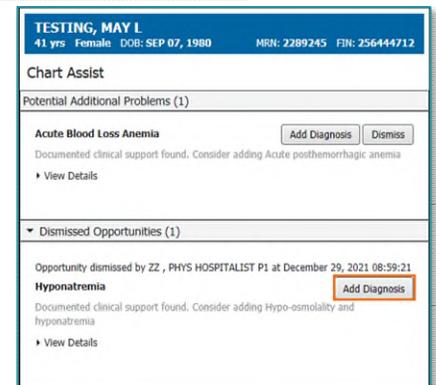
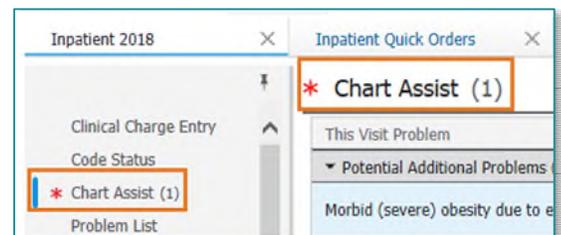


Chart Assist - MPage Component

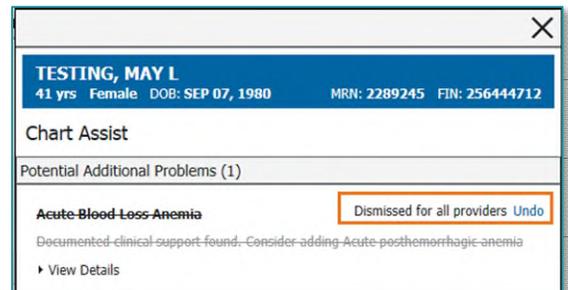
The Chart Assist MPage component displays opportunities and clarifications relevant to missing problems. When a provider adds, removes, or modifies a problem in the Problem List component, the system refreshes Chart Assist and displays updated opportunities when applicable.

- If opportunities present within the Chart Assist component, a number displays in parentheses ().
- **Adding and Dismissing Opportunities**

- Adding the Diagnosis within the Chart Assist component adds the diagnosis to the Problems list.



- Clicking **Dismiss** moves the Diagnosis to the **Dismissed Opportunities** section of the detail pane within Chart Assist.
- The ability to select **Undo** is presented before refreshing Chart Assist.
- Providers can click **Add Diagnosis** within the **Dismissed Opportunities** section.

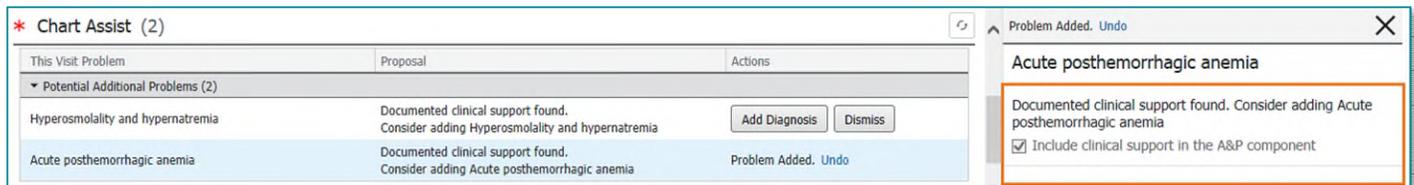


➤ Diagnoses Lacking Specificity

- Cerner AI analyzes the health record to identify clinical evidence that supports diagnoses that lack specificity, by giving the option to replace the diagnosis with a more specific one.

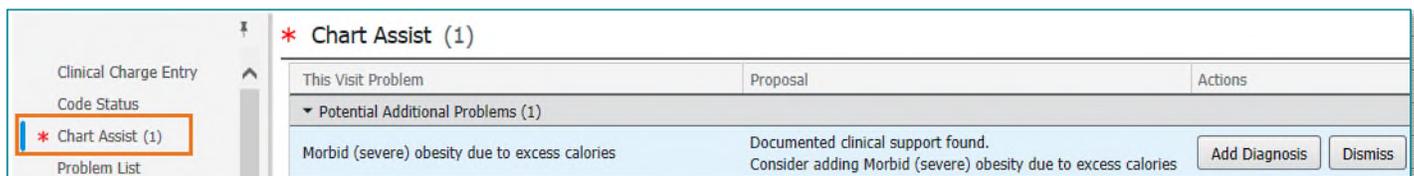
➤ Assessment and Plan

- Adding the diagnosis also adds the problem to the **Assessment and Plan** component.
- Providers can add clinical support text (including indicators, signs, symptoms, risk factors, and treatment plan) to the Assessment and Plan by selecting **Include clinical support in the A&P component** (*one time preference*).
 - The preference can be selected prior to adding the diagnosis.



➤ Gap Checking

- A visual indicator (red asterisk) notifies providers of outstanding opportunities.
- Once addressed, a green checkmark appears.



NOTE: This is not a hard stop.

Supported Conditions

Chart Assist supports the following conditions:

- Acute blood loss anemia
 - Hypernatremia
 - Hyponatremia
 - Morbid obesity
 - Acute Systolic Heart Failure
 - Acute Diastolic Heart Failure
 - Chronic Diastolic Heart Failure
 - Chronic Systolic Heart Failure
 - Chronic Systolic and Diastolic Heart Failure
 - Acute on Chronic Systolic Heart Failure
 - Acute on Chronic and Diastolic Heart Failure
 - Permanent Atrial Fibrillation
 - Chronic Atrial Fibrillation
 - Chronic Respiratory Failure
 - Chronic Hypercapnic Respiratory Failure
 - Hypertensive Emergency
 - Hypertensive Encephalopathy
 - Syndrome of Inappropriate Secretion of Antidiuretic Hormone (SIADH)
 - Metabolic Encephalopathy
 - Acute Kidney Injury (AKI)
 - Chronic Kidney Disease Stage 4 (CKD 4)
 - Acute Tubular Necrosis
 - Aspiration Pneumonia
 - Acute Exacerbation of Chronic Obstructive Pulmonary Disease
 - Gram Negative Pneumonia
 - Pancytopenia (other)
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- Pancytopenia due to antineoplastic
- Toxic Encephalopathy
- Acute Hypercapnic Respiratory Failure
- Acute on Chronic Hypoxic Respiratory Failure
- Myocardial Ischemic Type II
- Acute on Chronic Systolic and Diastolic Heart Failure
- Acute Hypoxic Respiratory Failure
- CKD 5
- Cerebral Edema
- Acute on Chronic Diastolic Heart Failure
- Acute or Chronic Hypercapnic Respiratory Failure
- Wernicke's Syndrome
- Hepatic Failure and Hepatic Encephalopathy