

Clinical Highlights Overview

The Clinical Highlights component displays in your summary page. Key criteria must be present for an item to display in Clinical Highlights:

- Information must be relevant to at least two clinical communities (i.e. two specialties or provider/nursing, etc.)
- Information that is difficult to find elsewhere in the medical record (i.e. no dedicated location)
- Information that could likely alter the care or experience of the patient
- Will not include discrete diagnoses/problems unless those problems categorize a specific community of patients (pain management plan, etc.)

Clinical Highlights example

Shown below is an example of Clinical Highlights in the EMR. See table for individual field definitions and how the fields are populated. **Note:** The view will be different for each patient as Clinical Highlights can be individualized.

Clinical Highlights

Patient Information	
Precautions:	Airborne and Contact, Airborne
COVID Results:	COVID 11/10/2020 Positive
COVID Order Status:	COVID 11/10/2020 Completed
Blood Type:	ABO and Rh = O POSITIVE on 11/10/20
Code Status:	Limited Resuscitation 04/22/2021 [Update]
POLST Status:	Verify Outpatient POLST before discharge [Update]
Advanced Care Planning:	Advanced Care Planning 03/31/2021 [Update]
Outside Record Information Available:	Click to View Outside Records
Health Information Exchange Status:	Given
Pharmacogenomics:	Abnormal
My Childrens:	Mother - Declined Father - Active

Patient Plans (Displays plans looking back 3 years)	
Asthma Action Plan:	Overdue
Patient Care Preferences:	Active 05/29/2020
Patient Meets Malnutrition Criteria:	No 04/20/2020
Transfusion Consent:	Review for consent obtained on 10/19/2020

Care Team Inpatient	
Current Service:	Hospitalists - Children's, Mpls Campus
Primary Attending Contact:	Courtney Herring MD - Hospitalists - Children's, Mpls
Assigned Nurse:	Wanda Ohman RN 11/12/2020 06:00
Lifetime Clinical Team	
Current Housestaff Team:	Red Team (Mpls)
Current Consultants:	Infectious Disease
Referring Provider:	Provider Not Known

Care Team Outpatient	
Today's Provider:	Jerstad PhDLP, Sarah
Lifetime Clinical Team	
Primary Provider:	Brittany Hagen PA-C
Psychologist	Sarah Jerstad PhD-LP
Endocrinology NP	Jaime Barfknecht APRN-CNP
Referring Provider:	Brittany Hagen PA-C
Primary Clinic:	HealthPartners , Hugo
Chart Links	
Form Browser	Orders
Pt Home Plan of Care	

Patient Information

Each element displays only if relevant for the patient.

*Indicates fields that can be updated by clicking on the result (rather than the field name). Fields without an * need to be updated from another section of the record.

Field Name	Field is populated from	Notes
Precautions	Orders Problem List	Displays the Isolation and Special Instructions order detail from the Precaution order. If other than standard, or order is missing, text displays in red .
*HIV Disclosure to Patient	Problem List HIV Disclosure PowerForm	Field is editable. Click Unknown to Patient to open HIV Disclosure PowerForm. Displays if the patient has a Dx of HIV to assure that the patient learns of their HIV positive status in a developmentally supportive and playful way. The clinical team who care for these patients record the status of the disclosure. If there is a result for HIV Status discussed with patient, the discussion date displays.
COVID Results	Results	Displays the most recent COVID result over the past 3 years. If the most recent Result is Positive or Detected , COVID <month/day/year> Positive displays for 21 Days. After 21 Days the display will change to COVID <month/day/year> History. Positive test on <month/day/year> If the most recent Result is Negative , Not Detected , or Undetected , COVID <month/day/year> Negative displays If there are no results, No Results Found in the Last 3 Years displays. Hover to display all COVID Results for the encounter.
COVID Order Status	Orders Results	Displays the status of the most recent active COVID order on the encounter. If there is an active COVID-19 order, COVID <month/day/year> Pending displays. Click to open the External COVID Lab Collection PowerForm. Hover to display all COVID orders on the encounter. If there are no active orders, No Pending Orders displays. Click to open the External Infectious Disease PowerForm.
MDRO	Problem List	Displays any problems that have a snomed category that is organism. Examples include: MDRO, VRE, MRSA, ESBL and display type of Precaution.
Critical Management Info	Problem List IView PowerForm	Displays if any of these problems or diagnoses are on the problem list: Difficult intubation, Difficult airway, Clotted blood vessels, Difficulty with bag-mask ventilation when documented during intubation or bag mask ventilation.

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		To increase awareness of ideal management of Osteopenia, if the patient is identified as being at risk for Osteopenia a line item will appear in this section. Also, if the patient was at risk and is no longer at risk then this will also display.
WARM Score Improved After Bronchiodilator	IView	Displays only for Inpatient/Observation encounters. Displays if the patient showed improvement after bronchodilator use.
WARM Score	IView	Displays only for Inpatient/Observation encounters. Displays the most recent result after WARM Score Improved After Bronchiodilator was documented.
Diet Alert	Orders	For all encounters will display current NPO order. If the patient is Inpatient and there is an active Ketogenic diet order this will display. If NPO is ordered with another diet order Diet Order Discrepancy displays.
Trauma Patient	Orders PowerForm	Displays status of the patient's spine. If there are C-Spine radiology or safety orders, a display C-Spine not Cleared will display until the Trauma Cervical Spine Clearance form is completed. Once completed, it will display C-Spine Cleared Date/Time. The VTE (Venous Thrombosis and Embolism) score will also display once the Trauma VTE power form is completed by the team, patient is over 12 and is either being consulted by the team or has a Medical Service of Trauma.
Transplant Status	Transplant Status field from the Define Organ Recipient tool	Outlines the patient's status while waiting for and after receiving a heart transplant. Status displays in red .
*History of Fall	PowerForm	Field is editable. If Date/Time of Fall result is within 3 years of today, Yes displays. Click Yes to access Post Fall Assessment PowerForm to view details or document/edit date/time of fall.
*At Risk for Injury Due to Fall	Diagnosis	Field is editable. Displays if the patient has a Diagnosis of At Risk for Injury Due to Fall. Click Yes to access the Falls Bundle education page for more education on falls. Hovering will display the criteria of what makes the patient at risk for injury due to fall.
Safety Measures	Orders Social History	Displays the Safety Measures, Specify, and Special Instructions from the Patient Safety Measures order, such as CSpine Clearance (displays for trauma patients once imaging determines that it is safe to move their cervical spine). When Social Work documents Visitor Behavior contract and Risk Management, it will display with the date recorded in Safety Measures section.
*Social Work	PowerForm	Field is editable. Displays High Risk Communication if Social Work Note contains Social Work High Risk Communication Completed found on the Social work stats/education PowerForm. Link to the Social History tab in the Menu item

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*Code Status	Code Status PowerForm	Field displays Code Status in red and last updated date. Click Update to edit the Code Status PowerForm when changes are needed. Displays patient's inpatient DNAR: click here for more information.
*POLST Status	Code Status PowerForm	Field displays outpatient POLST status. Click Update to edit the Code Status PowerForm/Verify-Outpatient POLST tab when changes are needed. Click here for more information.
*Advanced Care Planning	Code Status PowerForm	Field displays Advanced Care Planning. Click Update to edit the Code Status PowerForm/Advanced Care Planning tab when changes are needed. Click here for more information.
Blood Type	Lab Results	Displays type and the date of the last type and cross or when a Type and Screen is no longer active. Any Known Antibody to blood products displays with the date it was identified in red .
*Status of Pregnancy Testing	Results Orders	Pregnancy results display with one of the following statuses: <ul style="list-style-type: none"> - Declined: Pregnancy test declined - Negative: Result of the Pregnancy test in the last 7 days - Ordered: If there is an ordered Pregnancy test, the ordered date displays Click one of the displays to open the Pregnancy Test Declined Consent PowerForm
*Health Care Directives >= 18		If the result is Yes , links to most recently charted Advanced Directives document in a viewer. No will not contain a link. If directive was documented over a year ago, Renewal needed displays after the date.
Designated Caregiver	Person Management	The following statuses are available: <ul style="list-style-type: none"> -Name: If Caregiver information is available, relationship, first name/last name displays -If Caregiver information is not documented, nothing displays
Holds/Police Involvement	Problem List	Displays Yes if there is an active problem. Displayed when Police Hold on Problem List and/or 72-hour MD hold
Language Communication Preference	Person Management	Displays if language other than English is entered in Person Management.
Preferred Name	Person Management Conversation/Patient Demographics	Displays if a preferred name is entered in Person Management Conversation.
Guardianship/Custody	Person Management	Comments have been developed through collaboration with HIM, Scheduling/Registration and Social Work to document in a new field in Registration the "source of truth" for relevant details.
Pharmacogenomic Results	PowerForm	Displays if the patient has any Pharmacogenomic results. Displays in red and bold if there are Abnormal results. If Available displays, Pharmacogenomic results available. Click the result to display the Pharmacogenomics section of the record.

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Child Protection Services	Social History – Social Work Assessment section	When Child Protection involvement is documented in the Social History, Social Work Assessment Section, Involved displays.
Outside Record Information Available	Outside Records	If there is information on the Outside Records tab, Outside Record Information Available displays. Click to view outside information
Health Information Exchange Status	Person Management HIE Consent field	HIE Consent. Displays whether or not the patient/family allows us to share clinical data automatically. The following options are available: <ul style="list-style-type: none"> • Declined: No consent • Given: Enrollment needed – consent is not accepted or declined • Enrolled: Consent given
Similar Name Alert	Generated by system	Displays if there is a risk for the patient based on the location (same unit) or same day for clinic visits
**My Children's	Person Management	Always displays. Displays the enrollment status of MyChildren's for patient/guardian1 and guardian 2 When patient turns 18, the guardian statuses are removed from the Banner Bar.
Visitor Status	Person Management Reg IP/Encounter tab	In an effort to respect patients and family's privacy and confidentiality, this will display the Visitor Status field in Person Management. When you hover, it will give a brief description of the status, and when clicked it will take you to the Patient Access and Visitor Status policy for additional information.

Patient Plans

These plans display if the corresponding document is charted on the patient within the last three years. The date following **Yes** is when the plan was charted. Clicking on the link will either bring you to the charted document or to a new version of the document to be updated.

Shown below is an example of Patient Plans display in Clinical Highlights. See table for individual field definitions and how the fields are populated.

Patient Plans (Displays plans looking back 3 years)	
Adult Care Transition:	Yes 08/08/2017
Anaphylaxis Action Plan:	Yes 01/10/2017
Asthma Action Plan:	Yes 12/06/2016
Behavioral Management Plan:	Yes 01/01/2017
Bleeding Disorders Tx Recommendation:	Yes 01/01/2017
Bleeding Disorders Surgical Tx Recommendation:	Yes 01/11/2017
Critical Care Procedural Consent:	Yes 01/11/2017
Cyclic Vomiting Treatment Plan:	Yes 02/04/2016
Donor Breast Milk Consent:	Yes 02/13/2019
Emergency Management Plan:	Yes 08/08/2017
Emergency Metabolic Treatment Plan:	Yes 12/28/2016

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Field Name	Field populated from	Notes
Adult Care Transition	Clinical Documents PowerForms	Click Yes to view the most recent Adult Care Management Plan. This document created by our CMO details what decisions have been made regarding the extent of ongoing care allowed for a young adult in our system. This outlines where the young adult is in the process of, planning to, or has transitioned to adult care
Anaphylaxis Action Plan	Clinical Documents PowerForms	Click Yes to view the most recent Anaphylaxis Action Plan
Asthma Action Plan	Clinical Documents	Click Yes to view or modify the most recent Asthma Action Plan
Behavioral Crisis Plan-Multidisciplinary	Clinical Documents PowerForms	Click Yes to view or modify (Social Work) the most recent Behavioral Crisis Plan-Multidisciplinary Plan Hover on Yes date (mm/dd/yyyy) to view allowed activities designated by Green, Yellow, and Red categories. When patient is medically cleared, this displays after Yes date (mm/dd/yyyy)
Behavioral Management Plan	Problem List	Click Yes to view the most recent Behavioral Management Plan
Bleeding Disorders Tx Recommendation	Clinical Documents	Click Yes to view the most recent Bleeding Disorders Tx Recommendations document for ongoing management of patients with bleeding disorders.
Bleeding Disorders Surgical Tx Recommendation	Clinical Documents	Click Yes to see the most recent Bleeding Disorders Surgical Treatment Recommendations document, which is used when a patient with a bleeding disorder is having surgery.
Critical Care Procedural Consent	Clinical Documents Results	If consent has not been recorded, None Recorded will display. Click the header to chart that consent was obtained. Once the team has obtained/recorded the consent, it displays Yes . Click to view the consent. This is used to track completion on all critical care patients and links to the document once scanned into the EMR.
Cyclic Vomiting Treatment Plan	Clinical Documents	Click Yes to view the most recent Cyclic Vomiting Management Plan.
Diabetes Management Plan	Clinical Documents	Click Update to update Diabetes Action Plan.
Donor Breast Milk Consent	Clinical Documents	Click Yes to view the scanned consent document.
Emergency Management Plan	Clinical Documents	Click Yes to view the most recent Emergency Management Plan outlining patients' unique needs which don't fit into other disease-specific action plans.
Emergency Metabolic Treatment Plan	Clinical Documents	Click Yes to see the Emergency Metabolic Treatment Plan outlining key management strategies for patients with specific metabolic conditions when they become ill.

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MCRC Management Plan	PowerForms Clinical Documents	If status is Active , click to view the MCRC Management Plan.
Malnutrition Severity or Patient Meets Malnutrition Criteria	PowerForm	Will display if the dietician's assessment reveals mild, moderate or severe malnutrition to improve care. A powerform is linked that shows criteria used to determine severity, recommendations to guide care and ability for provider to document agreement if desired discretely. Includes documentation of both Adult and Pediatric forms to display if patient has an at-risk nutrition status.
Pain Management Plan	Clinical Documents	Displays if there is a Pain Management Plan problem, and if there is a document, click to view.
Patient Care Preferences	Clinical Documents Results	Displays the status of the Patient Care Preferences and can be charted or updated by clicking the display. Click to view how patients prefer to be cared for including sedation, invasive procedure and general preferences. <ul style="list-style-type: none"> • None • Active/date • No longer active
Planned Intubation	Clinical Documents	Displays if patient has orders pending for a possible/probable intubation so that RT and nursing can plan ahead
Seizure Treatment Plan	Clinical Documents	Click Yes to view the most recent Seizure Treatment Plan. Will display message if yearly update needed.
Transfusion Consent Plan	Clinical Documents	Displays most-recent document that can be viewed to determine whether consent is obtained for the current transfusion only, entire encounter, or entire year
External Emergency Treatment Plan	Clinical Documents	Click Yes to view the most recent External Emergency Treatment Plan

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Inpatient Care Team / Outpatient Care Team

The inpatient care team always displays in Clinical Highlights. Click on Care Team in the blue shaded area to update.

Clicking on the link will open the Lifetime Care Team.

Shown below is an example of the Care Team section in Clinical Highlights. See table for individual field definitions and how the fields are populated.

<div style="background-color: #e6f2ff; padding: 2px;"> ⌵ Care Team </div>	
Current Service:	Hospitalists - CHiPs, St. Paul Campus
Current Resident:	Molly
Primary Attending Contact:	Gabriele
<div style="background-color: #e6f2ff; padding: 2px;"> ⌵ Care Team </div>	
Lifetime Care Team	
Current Housestaff Team:	Blue
Current Consultants:	Allergy
Referring Provider:	Helena
<div style="background-color: #e6f2ff; padding: 2px;"> ⌵ Care Team </div>	
Today's Provider:	Gourde APRN-CNP, Julia A
Lifetime Care Team	
Primary Provider:	Linda Madsen RN-CNP
Developmental Pediatric Specialist	Daniel McLellan MD
Genetic Counselor	Renee Temme MS-CGC
Asthma NP	Gretchen Johnsen MD
Therapist - Music	LuAnn Schwickerath
Primary Clinic:	Luther Midlefort Clinic , Eau Claire

Field/Service Name	Populated from	Notes
Current Service	Orders	Listed for Inpatient only. Pulls from the Service order detail from the Transfer or Admit Orders.
Primary Attending Contact (for active encounters) Discharging Provider (for discharged encounters)	Phys Handoff tool	Displays the primary contact who is rounding on that patient from Physician Hand Off or PSO orders. After discharge, the Primary Attending Contact field label will be changed to Discharging Clinician. The Attending at Discharge (Billing/Records) entered on the Discharge order will also display after the patient is discharged to expedite billing.
Assigned nurse	Clairvia	Displays the name and credentials of the RN assigned to the patient followed by the date/time of assignment.
Today's Provider	Scheduling	Listed for Outpatient only. Displays which clinician is seeing the patient in clinic today; For ED visits, Today's Provider is assigned from Firstnet tracking data.

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Lifetime Care Team	Lifetime Care Teams	<p>Listed in both Inpatient and Outpatient.</p> <p>Inpatient: Links to the Lifetime Care Team component.</p> <p>Outpatient: Displays all entered relationships of clinical caregivers who are involved in the care of the patient; displays all entered Multidisciplinary relationships in Ambulatory and ED workflows.</p> <p>Internal Children's Clinicians listed on Lifetime Care Team are notified via Message Center of patient events such as admission to the hospital, ED visits, Day Surgery and patient death.</p>
Current Housestaff team		<p>Inpatient only</p> <p>Pulls from the Housestaff Team order detail from the Housestaff Team to Follow order.</p>
Current Consultants	Listed by Service from current encounter consultations	<p>Inpatient only</p> <p>Displays any consultants who have documented during that hospitalization.</p>
Referring Provider:	Person Management	<p>Inpatient: Displays from Person Management.</p> <p>Outpatient: Displays from registration if appropriate for the current appointment.</p>

Chart links

The Chart Links section of Clinical Highlights links to different parts of the chart.

