

Notifications

Name	Trigger	Mechanism	Message	Follow-Up
Abnormal Imaging Result [ABNORMAL IMAGING RESULTS]	Within Radiology package	Radiology package determines an abnormal imaging result has been verified.	Abnormal Imaging Results: <procedure>	Display Abnormal Radiology Report
Abnormal Lab Result for Single Test [ABNORMAL LAB RESULT (INFO)]	Expert System rule intercepts HL7 message	If final abnormal lab results. NOTE: According to the lab developer, it is not possible for lab to determine abnormal results for non-analyze lab tests; therefore, this notification will never trigger for non-'CH' labs.	Abnormal lab: <lab test> <value> <collection D/T>	To prevent redundant alerts, both Abnormal Lab Result(s) notifications should not be concurrently turned-on for a user.
Abnormal Lab Result with Follow-Up Action [ABNORMAL LAB RESULTS (ACTION)]	Expert System rule intercepts HL7 message	If final abnormal lab results. NOTE: According to the lab developer, it is not possible for lab to determine abnormal results for non-analyze lab tests; therefore, this notification will never trigger for non-'CH' emistry labs.	Abnormal labs – [<orderable item name>]	Display order results NOTE: To prevent redundant alerts, both Abnormal Lab Result(s) notifications should not be concurrently turned-on for a user.
Critical Lab Result for Single Test [CRITICAL LAB RESULT (INFO)]	Expert System rule intercepts HL7 message	If final abnormal lab results. NOTE: According to the lab developer, it is not possible for lab to determine abnormal results for non-analyze lab tests; therefore, this notification will never trigger for non-'CH' labs.	Critical lab: <lab test> <value> <collection D/T>	N/A. NOTE: To prevent redundant alerts, both Abnormal Lab Result(s) notifications should not be concurrently turned-on for a user. 4.Name: Critical Lab Result with Follow-Up Action [CRITICAL LAB RESULT (INFO)]
Critical Lab Result with Follow-Up Action [CRITICAL LAB RESULT (INFO)]	Expert System rule intercepts HL7 message	If final abnormal lab results. NOTE: According to the lab developer, it is not possible for lab to determine abnormal results for non-analyze lab tests; therefore, this notification will never trigger for non-'CH' labs.	Abnormal labs – [<orderable item name>]	Display order results. NOTE: To prevent redundant alerts, both Critical Lab Result(s) notifications should not be concurrently turned-on for a user.

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Patient Admission [ADMISSION]	Expert System rule intercepts DGPM Movement Events protocol	If DGPM Movement is 'new' and Type is 'admission'.	Admitted on <Admission D/T> to <ward room-bed>	N/A
Consult/Request Canceled/Held [CONSULT/REQUEST CANCEL/HOLD]	Within Consults package	Consults package determines a consult/request was canceled or held.	<Cancelled/Discontinued/On hold> consult <consult name or type>	Display consult/request. If appropriate, possible actions: receive, forward, cancel (deny), discontinue, add comments, complete/update, make addendum, detailed display, results display, or print.
Consult/Request Resolution [CONSULT/REQUEST RESOLUTION]	Within Consults package	Consults package determines a consult has been completed.	Completed consult <consult name or type>	Display consult/request. If appropriate, possible actions: detailed display, results display, or print.
Consult/Request Updated [CONSULT/REQUEST UPDATED]	Within Consults package	Consults package determines a consult has been updated.	<varies but indicates some form of updating> consult <consult name or type>	Display order results NOTE: To prevent redundant alerts, both Critical Lab Result(s) notifications should not be concurrently turned-on for a user.
DC Order Placed [DC ORDER]	Expert System rule intercepts HL7 message	If order is cancelled or discontinued.	<pt location>] New DC order(s) placed	Display patient's recent orders (including DCed orders).
Deceased Patient [DECEASED PATIENT]	DGPM Movement Events Protocol and Date of Death field in Patient file	DGPM protocol or Date of Death field invokes DGOERNOT routine which calls ORX3.	Died while an inpatient on <Deceased D/T> or Died on <Deceased D/T>	N/A
Patient Discharged [DISCHARGE]	Expert system rule intercepts DGPM Movement Events protocol	If DGPM Movement Type is discharge.	Discharged on <Discharge D/T>	N/A

Name	Trigger	Mechanism	Message	Follow-Up
DNR Order Nearing Expiration [DNR EXPIRING]	TaskMan monitored process (currently every 15 minutes)	<p>DNR order expiring within 24 hours (72 hours on Fridays).</p> <p>NOTE: For this notification to work, two site setups must be completed:</p> <p>A link must exist between the national term "DNR" and each site's local orderable item that denotes DNR.</p> <p>One or more order dialogs must use the DNR orderable items.</p> <p>Therefore, when an order with a DNR orderable item linked to the national term "DNR" is found to be expiring within 24 hours (72 hours on Fridays), the alert is sent.</p>	DNR order nearing expiration	Display DNR order and allow renewal.
Error Message [ERROR MESSAGE]	Error in CPRS Expert System processes	Problem with CPRS Expert System	Error occurred.	N/A
Order Flagged [FLAG ORDER FOR CLARIFICATION]	Expert system rules monitoring OE/RR Events	OE/RR determines an order has been flagged.	Order(s) needing clarification: Flagged <date/time>	Display flagged orders and allow user to un-flag and/or edit the orders.
Flagged Orderable Item Expiring - Inpatient [FLAGGED OI EXPIRING – INPT]	TaskMan monitored process (currently every 15 minutes)	The date range to search is based upon day of week and entries in the Holiday file. The range is extended to include all expiring med orders through the next working day (excluding holidays and weekends.) Alert is not triggered if patient is deceased or an outpatient.	[<pt location>] Order expiring: <oi name> <order start D/T>	Display orders expiring through the next working day and allow renewal.
Flagged Orderable Item Expiring - Outpatient [FLAGGED OI EXPIRING – OUTPT]	TaskMan monitored process (currently every 15 minutes)	The date range to search is based upon day of week and entries in the Holiday file. The range is extended to include all expiring med orders through the next working day (excluding holidays and weekends). Alert is not triggered if patient is deceased or an inpatient.	[<pt location>] Order expiring: <oi name> <order start D/T>	Display orders expiring through the next working day and allow renewal.

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Flagged Orderable Item Ordered - Inpatient [FLAGGED OI ORDER – INPT]	Expert system rule intercepts HL7 message.	Expert system checks the parameter ORB OI ORDERED - INPT to determine if the orderable item for the order has been flagged to trigger a notification when it is ordered. The expert system also checks to ensure the order is new. If the order was placed via the “backdoor” (through lab, pharmacy, etc.) and not through CPRS, an OE/RR order must be included with the HL7 message; often it is not. Therefore, in many backdoor order cases (such as lab backdoor orders), the alert is not sent because an order number is not in the HL7 message. Also the patient must be an INPATIENT.	[<pt location>] Order expiring: <oi name> <order start D/T>	N/A
Flagged Orderable Item Expiring - Outpatient [FLAGGED OI EXPIRING – OUTPT]	TaskMan monitored process (currently every 15 minutes)	Expert system checks the parameter ORB OI ORDERED - OUTPT to determine if the orderable item for the order has been flagged to trigger a notification when it is ordered. The expert system also checks to ensure the order is new. If the order was placed via the “backdoor” (through lab, pharmacy, etc.) and not through CPRS, an OE/RR order must be included with the HL7 message, often it is not. Therefore, in many backdoor order cases (such as lab backdoor orders), the alert is not sent because an order number is not in the HL7 message. Also the patient must be an OUTPATIENT.	[<pt location>] Order placed: <oi name> <order start D/T>	N/A
Flagged Orderable Item Result(s) Available – Inpatient [FLAGGED OI RESULTS – INPT]	Expert system rule intercepts HL7 message	This notification only functions for Lab, Radiology and Consult results. The expert system checks the parameter ORB OI RESULTS – INPT to determine if the orderable item for the order has been flagged to trigger a notification when it is resultated. The expert system tracks that order by checking HL7 messages. The notification is triggered when the final HL7 results are returned from the filing package. (This notification is currently available for lab, consults, and radiology results only.) Also the patient must be an INPATIENT.	[<pt location>] Result available: <orderable item name> < order start D/T>	Display lab, consults or radiology results.

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Flagged Orderable Item Result(s) Available – Outpatient [FLAGGED OI RESULTS –OUTPUT]	Expert system rule intercepts HL7 message	This notification only functions for Lab, Radiology, and Consult results. The expert system checks the parameter ORB OI RESULTS – OUTPT to determine if the orderable item for the order has been flagged to trigger a notification when it is resulted. The expert system tracks that order by checking HL7 messages. The notification is triggered when the final HL7 results are returned from the filling package. (This notification is currently available for lab, consults, and radiology results only.) Also, the patient must be an OUTPATIENT.	[<pt location>] Result available: <orderable item name> < order start D/T>	Display lab, consults or radiology results.