

Factor 4: Flags abnormal imaging results, bringing them to the attention of the clinician

When imaging results are received, they are scanned and attached to the applicable visit and radiology order. Once this is completed, clinical staff complete the “Results Needed” task and add a new followup task, directly assigned to the physician, to inform the physician that results are ready for interpretation. The next screen shot shows this process:

The screenshot shows a software interface for editing a radiology order. The window title is "Edit Order - Radiology Orders - Left Hand X-Ray". The patient information is "Pebbles Flintstone 10 yrs, 2 mos 9/24/03 F". The order is for "Left Hand X-Ray" and is marked as "Ordered".

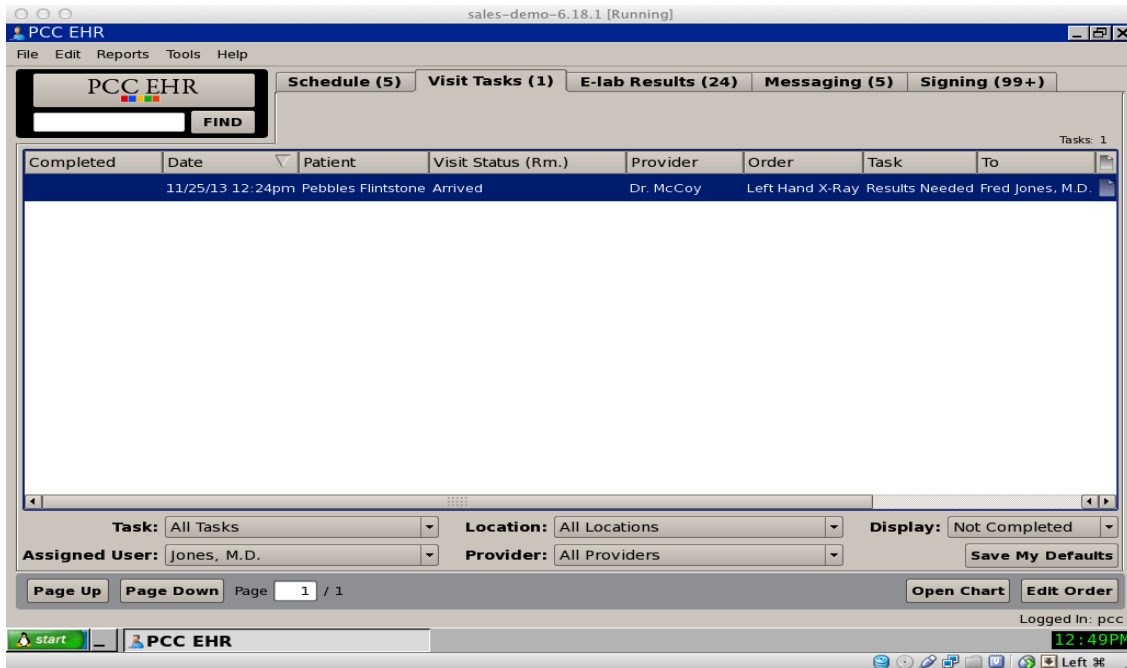
At the top, there is a "Note" field with the placeholder text "enter result notes here". Below this are checkboxes for "Signature Required", "Canceled", and "Include on Patient Reports" (which is checked). A red arrow points to a section labeled "1 Document Attached" with the text "scanned image result has already been attached to the visit and order".

There are three task entries:

- Task 1:** "X-Ray Needed" assigned to "enter user name". The note is "enter task notes here". It is marked as "Task Completed" with a date of 11/25/13 at 12:25pm by "PCC PCC".
- Task 2:** "Results Needed" assigned to "enter user name". The note is "patient sent to Brighton Imaging for xray of left hand". It is marked as "Task Completed" with a date of 11/25/13 at 12:41pm by "PCC PCC".
- Task 3:** "Results Needed" assigned to "Fred Jones, M.D.". The note is "results attached and ready for interpretation". It is not yet completed, with a date of mm/dd/... at 12:00am by "enter user name". A red arrow points to this task with the text "A followup task is added and assigned directly to the physician to interpret results".

At the bottom of the window are buttons for "Add Task", "Open Chart", "Discard Changes", and "Save".

The visit task is now assigned to Dr. Jones who would see this task on his own “Visit Tasks” queue:



Dr. Jones would double-click on the task to open it. From here, he/she can view the attached scanned image and add their interpretation of the result at the top as shown in the following screen shot. They will also mark the final task as completed since they interpreted the image and have indicated the result.

Left Hand X-Ray Final result is documented here Completed
 Note: result shows fracture of left wrist
 Signature Required Canceled Include on Patient Reports
 ▶ 1 Document Attached Attached documents can be viewed here without
having to leave the order or the patient's chart

TASK X-Ray Needed	TO enter user name
NOTE enter task notes here	
<input checked="" type="checkbox"/> Task Completed	AT 11/25/13 12:25pm BY PCC PCC

TASK Results Needed	TO enter user name
NOTE patient sent to Brighton Imaging for xray of left hand	
<input checked="" type="checkbox"/> Task Completed	AT 11/25/13 12:41pm BY PCC PCC

TASK Results Needed	TO Fred Jones, M.D.
NOTE results attached and ready for interpretation	
<input checked="" type="checkbox"/> Task Completed	AT 11/25/13 12:52pm BY Fred Jones, M.D.

Dr. Jones marks the final task as complete since he made his interpretation of the image

Logged In: pcc

By checking off the “Signature Required” box, the radiology order will appear in the physician's signing queue for final review.

A clinician can also review the results of radiology tests and other types of orders in the Flowsheets section of the patient chart. The Flowsheets section displays an historical review of a patient's diagnoses, completed labs, medical tests, screenings, and radiology, and vitals. In the radiology flowsheet, the clinician can see a summary of every radiology order and result received for the patient as shown in the following screenshot:

FIND

Flowsheets

Pebbles Flintstone 10 yrs, 2 mos 9/24/03 F

Diagnosis Lab Medical Test Radiology Screening Vitals

Radiology

Display: All Radiology

Left Hand X-Ray	11/18/13 (10y 1m) Result: result shows fracture of left wrist
Abdominal X-Ray	11/18/13 (10y 1m) Result: result shows a small puncture of the kidney
Chest X-ray, 2 views	11/18/13 (10y 1m) Result: <i>not entered</i>

Pebbles Flintst... PCC# 3336

Medical Summary

Demographics

History

Visit History

Immunization History

Flowsheets

Growth Charts

Documents

Visit: 11/18/13

Sick V3

Add Phone Note Close Save Save + Exit

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