

Added Features

- **ChartMaker Voice Application** – The ChartMaker Voice Application has been updated to work with 64-bit operating systems when applicable.
- **Decision Support – Alerts** – The Decision Support system has been updated so that whenever a Diagnosis, Medication, or Medication Group that was originally used to produce a decision support alert, was then ended or discontinued (thereby “disabling” that alert), is then restarted, the system will automatically generate an alert for that decision support rule upon reinstating that diagnosis or medication.
- **Doctor’s Orders & Procedures – Order Procedure** – The Order Procedure dialog has been updated with an Order Priority option and a Target Date field that allow you to set the priority and applicable target date for the procedure order. See Figure 1. The Target Date will default to the applicable specific date if the selected procedure had the Target Days option configured and will automatically adjust when the Order Date is modified. However, you have the ability to change the Target Date as needed.

Once the orders have been sent, procedure orders with a Stat priority will appear in red in the To-Do List, while those with a Routine priority will appear in black. Likewise, orders with a target date that is today or past due will have "-DUE" added to the priority description and will appear highlighted in red in the To-Do List to easily view these overdue orders.

Figure 1 – Order Procedure

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Added Features (continued)

- Doctor's Orders & Procedures – Send Orders** – The Send Orders dialog has been updated with a Priority and Target Date column that displays the priority and target date that were configured in the Order Procedure dialog for the procedures. See Figure 2. You have the ability to modify these items prior to sending by clicking into the applicable field for applicable procedure and changing the priority and/or target date as needed. Once the orders have been sent, procedure orders with a Stat priority will appear in red in the To-Do List, while those with a Routine priority will appear in black. Likewise, orders with a target date that is today or past due will have "-DUE" added to the priority description and will appear highlighted in red in the To-Do List to easily view these overdue orders.

Order Description	Diagnosis	Priority	Target Date	Send To	Send
Test Procedure		Routine	03/02/2012		<input checked="" type="checkbox"/>

Figure 2 – Order Procedure

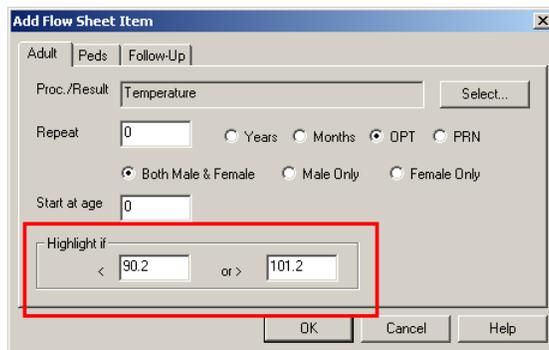
- Export Patient Document** – The Office Visit Clinical Summary output file has been updated so that resolved diagnoses are distinguished from inactive diagnoses, whereas the former are now grouped under a "Resolved" heading in the file.
- Export Patient Document** – The Electronic Copy of Health Information and the Transition of Care Summary output file has been updated to include race and ethnicity information in the Demographic section, as well as including a new Immunization section to display applicable immunization information, and a Payer section to display applicable insurance information.
- The Face Sheet** – The Face Sheet has been updated with a Next Appointment section that will display the patient's next appointment when that patient has a future appointment scheduled in the Practice Manager application. See Figure 3.

Next Appointment	
* FU John Doe, (JD)	Friday 11:30AM 01-27-12
Problems/Diagnosis List	
* HYPERTENSION UNSPEC	11-16-11
* INFLUENZA*	11-13-11
* TUBERCULOID LEPROSY	06-16-11
* HEADACHE	08-18-11
* HEADACHE	11-16-11
* PARANOIA	06-28-10
* ANXIETY STATES*	06-23-11
Inactive Diagnosis List	
* BIPOLAR AFFECTIVE DEPRESS MILD	06-28-10
Pre-Existing Diagnosis	
* HYSTERIA*	
Medication List	
* Amoxicillin 125 mg Chewable Tab	12-30-11
Take 1 tablet chewable orally Three times a day	

Figure 3 – Face Sheet

Added Features (continued)

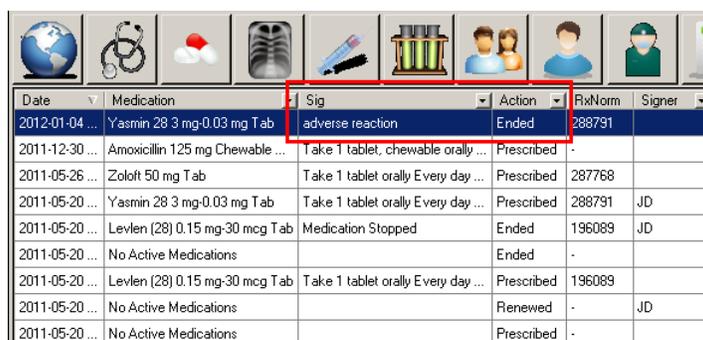
- **The Flow Sheet** – The Highlight If fields in the Add Flow Sheet Item and Modify Flow Sheet Item dialogs have been updated to accept negative numbers as well as numbers with decimals. See Figure 4.



The screenshot shows the 'Add Flow Sheet Item' dialog box. It has tabs for 'Adult', 'Peds', and 'Follow-Up'. The 'Proc./Result' field contains 'Temperature'. The 'Repeat' field is set to '0'. There are radio buttons for 'Years', 'Months', 'OPT', and 'PRN'. Below that are radio buttons for 'Both Male & Female', 'Male Only', and 'Female Only'. The 'Start at age' field is set to '0'. The 'Highlight if' section is highlighted with a red box and contains two input fields: '< 90.2' and 'or > 101.2'. At the bottom are 'OK', 'Cancel', and 'Help' buttons.

Figure 4 – Manage Folders

- **The History Tab – Medications** – The History tab has been updated so that the Sig field will now contain the discontinuation reason when a medication is discontinued. See Figure 5.



The screenshot shows the 'History Tab – Medications' interface. It features a toolbar with icons for various medical functions. Below the toolbar is a table with the following columns: Date, Medication, Sig, Action, RxNorm, and Signer. The first row is highlighted with a red box, showing the following data: Date: 2012-01-04, Medication: Yasmin 28 3 mg-0.03 mg Tab, Sig: adverse reaction, Action: Ended, RxNorm: 288791, Signer: (blank). Other rows show various medications and their actions, such as 'Amoxicillin 125 mg Chewable ...', 'Zoloft 50 mg Tab', 'Yasmin 28 3 mg-0.03 mg Tab', 'Levlen (28) 0.15 mg-30 mcg Tab', and 'No Active Medications'.

Date	Medication	Sig	Action	RxNorm	Signer
2012-01-04 ...	Yasmin 28 3 mg-0.03 mg Tab	adverse reaction	Ended	288791	
2011-12-30 ...	Amoxicillin 125 mg Chewable ...	Take 1 tablet, chewable orally ...	Prescribed	-	
2011-05-26 ...	Zoloft 50 mg Tab	Take 1 tablet orally Every day ...	Prescribed	287768	
2011-05-20 ...	Yasmin 28 3 mg-0.03 mg Tab	Take 1 tablet orally Every day ...	Prescribed	288791	JD
2011-05-20 ...	Levlen (28) 0.15 mg-30 mcg Tab	Medication Stopped	Ended	196089	JD
2011-05-20 ...	No Active Medications		Ended	-	
2011-05-20 ...	Levlen (28) 0.15 mg-30 mcg Tab	Take 1 tablet orally Every day ...	Prescribed	196089	
2011-05-20 ...	No Active Medications		Renewed	-	JD
2011-05-20 ...	No Active Medications		Prescribed	-	

Figure 5 – History Tab – Medications

- **Lab Interface** – The program has been updated so that the OBX 3 field will now display text up to 80 characters.

Added Features (continued)

- **The Orders Tab** – The program has been updated with a new Orders tab that allows users to view all Pending, Pending-Overdue and completed orders. See Figure 6. The Orders tab replaces the old Query tab (now Reports module, see below for further details on the new Reports functionality).

To-Do List for: John Doe (JD)

Date	From	Priority	Subject	RRR	Status	Patient	Start	Target
11/22/2010		Normal	Procedure Lab Procedure ordered		Pending	Doe, Arnold		
11/22/2010		Normal	Procedure Lab Procedure ordered		Pending	Doe, Arnold		
11/22/2010		Normal	Procedure Image Procedure ordered		Pending	Doe, Arnold		
11/22/2010		Normal	Procedure Image Procedure ordered		Pending	Doe, Arnold		
11/22/2010		Normal	Test Procedure has been completed and needs reviewing		Completed	Doe, Arnold		
11/22/2010		Normal	Test Procedure has been completed and needs reviewing		Completed	Doe, Arnold		
11/19/2010		Normal	Procedure Image Procedure ordered		Pending	Doe, Arnold		
11/19/2010		Normal	Test Procedure has been completed and needs reviewing		Completed	Doe, Arnold		
11/19/2010		Normal	Procedure Lab Procedure ordered		Pending	Doe, Arnold		
07/02/2010		Normal	Procedure Pregnancy Test ordered		Pending	Doe, Jennifer		
07/02/2010		Normal	Procedure PAP Smear ordered		Pending	Doe, Jennifer		

RRR = Read Receipt Requested Show Co...

Figure 6 – Orders Tab

- **The Organizer – Manage Folders** – The Organizer has been updated to allow you to add 6, 10, or 14 customizable folders via the Manage Folders button. See Figure 7.

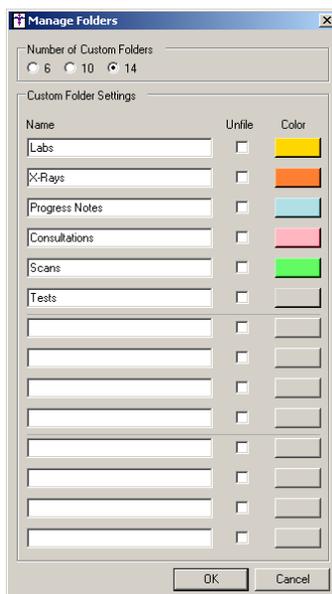


Figure 7 – Manage Folders

Added Features (continued)

- **Preferences – Appearance** – The Default To-Do List View section of the Appearance tab in the Preferences dialog has been updated so you can default to a specific tab view when you sign into the Clinical application. See Figure 8. You have the ability to default to the All, Charts, Recall, Lab, Orders, Message/Tasks, or the Last Viewed tab which will default to whatever tab was selected at the time you last logged out. Do note that this preference is a user-based preference that will default for the user currently logged into Clinical.

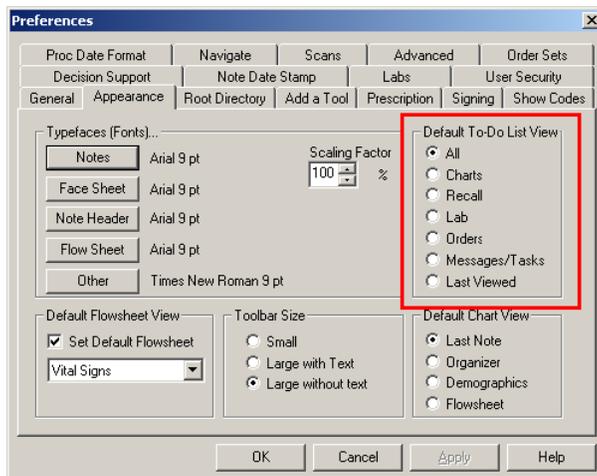


Figure 8 – Preferences – Appearance

- **Prescriptions** – The system has been updated so that you now have the ability to Undo a prescribed medication in the current note via the Prescribe button. See Figure 9. If the prescribed medication has been printed, faxed, or sent electronically, then the Undo option will be disabled. When a prescribed medication is “undone,” an entry will be made to the Audit Trail signifying this event.

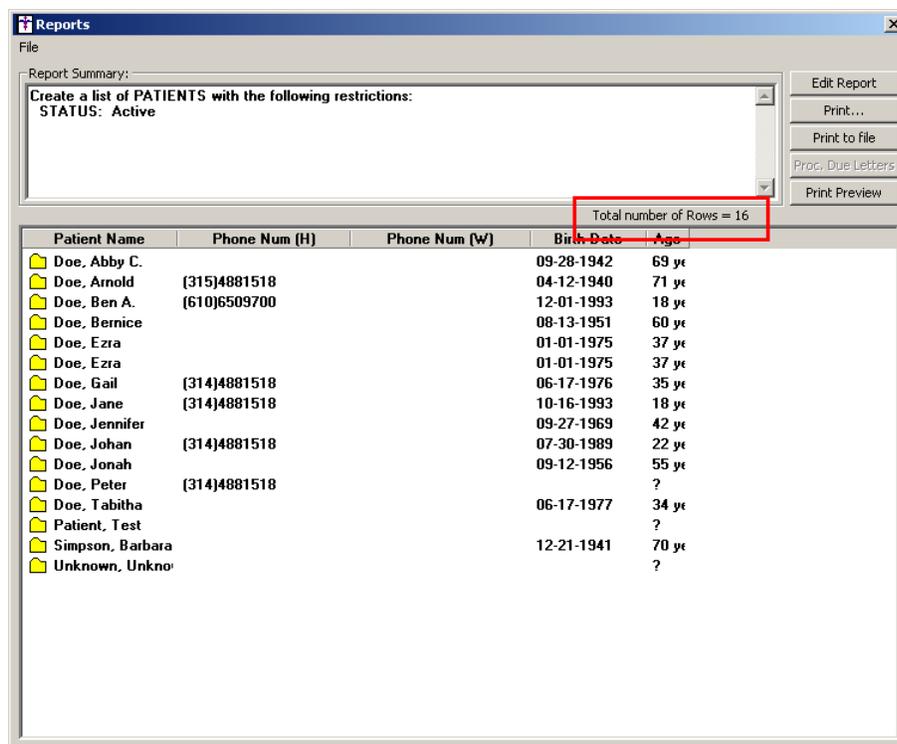


Figure 9 – Prescribe Button – Undo Prescription

- **Prescriptions** – The system has been updated so that you now have the ability to send Mail Order E-Prescriptions.
- **Prescriptions** – The system has been updated so that when a pre-existing medication is renewed or otherwise changed, and remains a pre-existing medication, the user associated with that renewal or change will not appear in the note.

Added Features (continued)

- **Reports** – The Query module has been renamed to Reports and is now accessed via the Reports menu (Reports > Reports...). The Query (Reports) tab has been replaced by an Orders tab, so the Reports dialog, as well as the Meaningful Use Dashboard, can only be accessed via the Reports menu.
- **Reports** – The Reports module has been updated so that whenever a report query is run, the total number of rows returned by the parameters is shown. See Figure 10.



Report Summary:
Create a list of PATIENTS with the following restrictions:
STATUS: Active

Total number of Rows = 16

Patient Name	Phone Num (H)	Phone Num (W)	Birth Date	Age
Do, Abby C.			09-28-1942	69 ye
Do, Arnold	(315)4881518		04-12-1940	71 ye
Do, Ben A.	(610)6509700		12-01-1993	18 ye
Do, Bernice			08-13-1951	60 ye
Do, Ezra			01-01-1975	37 ye
Do, Ezra			01-01-1975	37 ye
Do, Gail	(314)4881518		06-17-1976	35 ye
Do, Jane	(314)4881518		10-16-1993	18 ye
Do, Jennifer			09-27-1969	42 ye
Do, Johan	(314)4881518		07-30-1989	22 ye
Do, Jonah			09-12-1956	55 ye
Do, Peter	(314)4881518			?
Do, Tabitha			06-17-1977	34 ye
Patient, Test				?
Simpson, Barbara			12-21-1941	70 ye
Unknown, Unkno				?

Figure 10 – Reports

- **Reports – Meaningful Use Dashboard** – The Meaningful Use Dashboard has been updated so that applicable Podiatry and Mental Health procedures are included in the applicable Performance Measure and Quality Measure queries.
- **RHIO (Regional Health Information Organization) & HIE (Health Information Exchange)** – The system has been updated so that Vital Sign information will be included in the exported CCD files, when applicable.
- **RHIO (Regional Health Information Organization) & HIE (Health Information Exchange)** – The system has been updated so that when a provider signs a note for applicable patients, a CCD file will be automatically created and exported.

Added Features (continued)

- Shot Room – Orders** – The Shot Room Automation dialog has been updated so that when creating new orders you now have the ability to configure Manufacturer, Lot #, and Expiration Date for allergens. See Figure 11. When this information is configured, these items will also be displayed when formulating orders.

Figure 11 – Shot Room Automation

- System Tables – Conditions** – The system has been updated so that when accessing the System Tables > Conditions menu there will be additional menu items for All Conditions, Chief Complaints, Diagnoses, Procedures, and Results that you can easily and efficiently access those types of conditions you are searching for. See Figure 12.

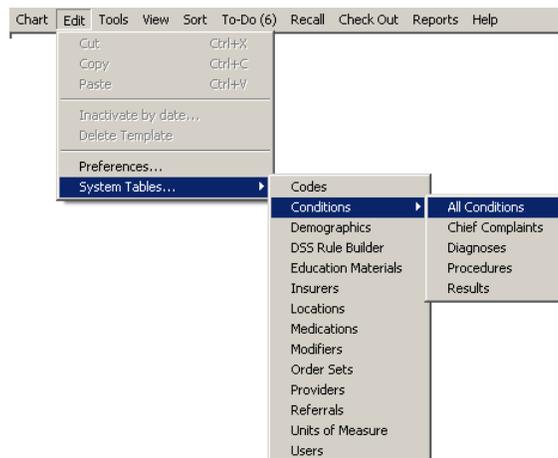


Figure 12 – Edit > System Tables > Conditions

Added Features (continued)

- **System Tables – Conditions Search** – The Conditions dialog had been updated to the Conditions Search dialog and has been redesigned to access the applicable conditions in a more easier and efficient manner. See Figure 13. The Condition Type field will default depending how the Conditions Search dialog was accessed. Only when the All Conditions menu choice is selected can you modify the Condition Type in the Condition Search dialog. Conditions can then be searched for and located by typing into the search field and utilizing the Search Column and Search Type fields. Likewise, you can add, remove, and access the clicking the Add, Remove, and Properties button respectively, when applicable.

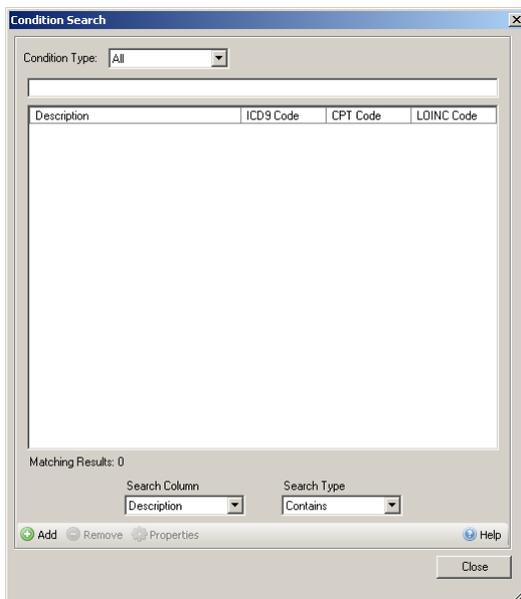


Figure 13 – System Tables – Condition Search

- **System Tables – Conditions Properties** – The Conditions Properties dialog has been redesigned to better delineate the information being configured on a single screen when adding and modifying conditions. See Figure 14. The applicable fields will become accessible or inaccessible depending upon the type of condition that is being added or modified.
- **System Tables – Conditions Properties** – The Conditions Properties dialog has been updated with a new Target Days option when configuring Procedure Orders. See Figure 14. When this option is selected you can configure how many days into the future that the target date should default to for this procedure.

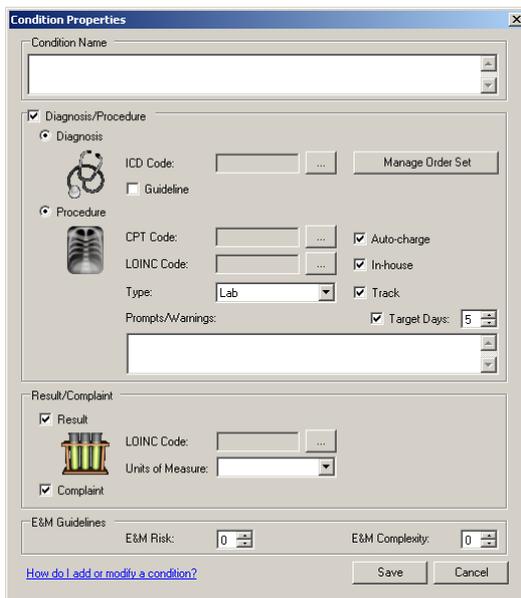


Figure 14 – System Tables – Condition Properties

Added Features (continued)

- **System Tables – DDS Rule Builder** – The Decision Support Rule Builder has been updated with the ability to create a decision support alert for procedures that have not been performed within a specified date range. The Procedure Performed data point has been updated with a Time Criteria section that allows you to set the Year and/or Month in which a procedure should be performed within, when applicable. See Figure 15.

The screenshot shows the 'Rule Builder' application window with the 'Data Points' tab selected. The 'Time Criteria' section is highlighted with a red border. It contains the following elements:

- Time Criteria** section with radio buttons for 'None' and 'Within Last:'.
- Under 'Within Last:', two spinners: '1' for 'Years' and '8' for 'Months'.

The rest of the window includes:

- Buttons for 'New' and 'Modify'.
- Fields for 'Data Point Name' (SomeProcedure) and 'Description' (Some Procedure needs to be performed).
- 'Data Point Type' dropdown set to 'Procedure Performed'.
- 'Available Procedures' table with columns: Description, CPT Code, LOINC Code, IH Code.
- 'Linked Procedures' table with columns: Description, CPT Code.
- 'Add >>' and '<< Remove' buttons.
- 'Matching Results: 0' and search options for 'Search Column' (Description) and 'Search Type' (Starts With).
- 'Save' and 'Close' buttons at the bottom.

Figure 15 – System Tables – Rule Builder