RESOURCE AND PATIENT MANAGEMENT SYSTEM

Pregnancy Issues and Problem List

(BJPN)

Addendum to User Manual

Version 2.0 Patch 14
November 2025

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Preface

The **Pregnancy Issue and Problem List (PIP)** component displays the list of issues and problems associated with a patient's pregnancy.

1.0   Introduction

The **Pregnancy Issue and Problem List (PIP)** component is manageable by the user allowing additions, edits, and deletes, as necessary (Figure 1-1).

Users who hold any of the **ORES/ORELSE/PROVIDER** keys are viewed as clinical users and have full access privileges to all problem list options. Those with the **BGOZ PROBLEM LIST EDIT** key can add or edit the problem list. Those with the **BGOZ VIEW ONLY** key can view information but cannot edit data in this component.

Figure 1-1: Pregnancy Issues and Problems List window example

The **PIP** window has the following features:

- Option buttons by the **Pregnancy Issues and Problems List** label determines what problem category will be displayed in the (lower) grid.

- A visit or visit context must be selected in order to access the edit functionality of the PIP (using the **Add**, **Edit**, **Delete**, **Set as Today's POV**, and **Toggle** buttons).

- When in View Only mode, a visit or visit context is not required; however only the **Problem Status** option buttons, the **Expand/Collapse All**, **Print**, and **Excel Export** buttons, as well as the **Notes for All Pregnancies** check box and **View Detail** option (available by right-clicking on a problem in the PIP) will be accessible.

2.0   Close PIP

Close PIP is available after a current pregnancy has been changed to **NO** in Reproductive Factors. Clicking **Close PIP** (Figure 2-1) changes all problems to PIP status of **Inactive**, and scope to **Prior Pregnancy**, and closes the **PIP** (Figure 2-2).
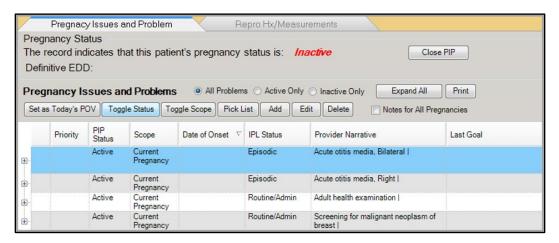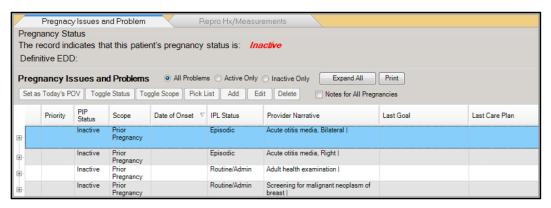

Figure 2-1: Close PIP button available

Figure 2-2: After clicking Close PIP button

3.0   Create New PIP

Create New PIP (Figure 3-1 and Figure 3-2) is available after the patient's DEDD (Definitive Estimated Due Date) is changed in Reproductive Factors. Use if this **IS** a new pregnancy. All problems will be changed to PIP Status of Inactive and Scope to Prior Pregnancy.

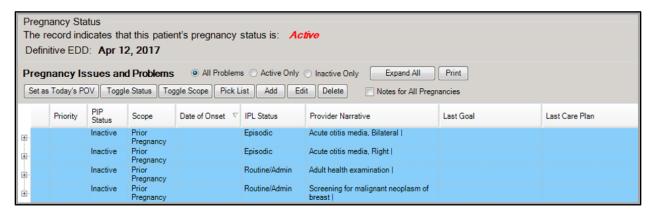

Figure 3-1: Create New PIP button available

Figure 3-2: After clicking Create New PIP button

4.0　　Update Current PIP

Update current PIP (Figure 4-1 and Figure 4-2) is available after the patient's DEDD (Definitive Estimated Due Date) is changed in Reproductive Factors. Use if this is not a new pregnancy and DEDD had to be adjusted.

Figure 4-1: Update current PIP button available

Figure 4-2: After clicking Update current PIP button

4.1　　Status of Pregnancy Issues and Problems Lists

Select the option buttons (Figure 4-3) next to the **Pregnancy Issues** and **Problems List** label to select a status of problem list to display in the **PIP** grid.

Figure 4-3: Status of Problem Lists option buttons

The **All Problems** option will display both active and inactive problems for the current patient.

You can filter the list by selecting **Active Only** or **Inactive Only**. This means, for example, if you select **Active Only**, only those problems with a status of **Active** will display in the **PIP** grid.

The **Status** field is editable when adding or editing a problem through the dialog or by clicking the **Toggle Status** button on the list for the selected problem(s).

5.0   Expand/Collapse All

Click the **Expand (Collapse) All** button to expand or collapse the **Pregnancy Issues and Problems** (Figure 5-1 and Figure 5-2) entries in the grid to show or hide the associated notes for the problem. This button changes from **Expand All** to **Collapse All**. The same functionality is available on the right-click menu.
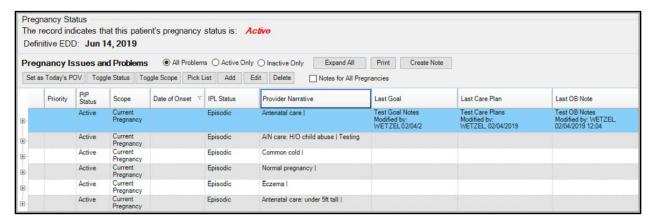

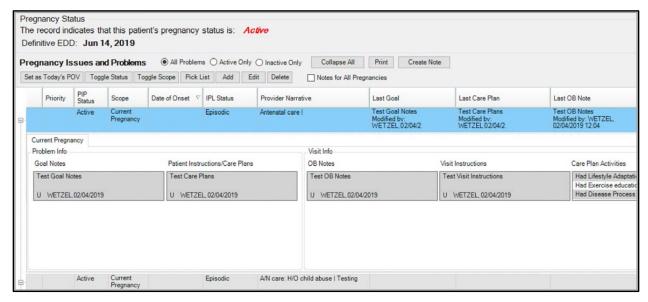Figure 5-1: Pregnancy Issues and Problems List–Collapsed example

Figure 5-2: Pregnancy Issues and Problems List–Expanded

6.0   Print

Prints all problems currently listed in **Pregnancy Issues and Problems List**.

> **WARNING:** Print only works with local printers. EHR remote printers cannot print graphics. Only text.

Follow these steps to print for a problem on the patient's Pregnancy Issues and Problems list:

1. Click **Print** to display the **Print Preview** dialog (Figure 6-1).
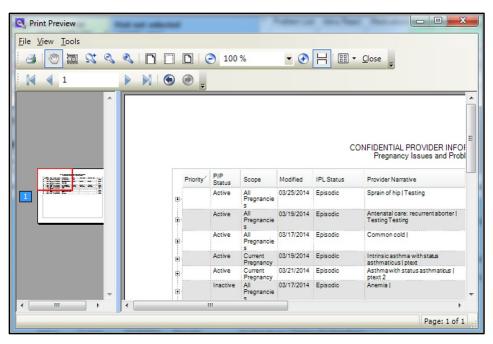

Figure 6-1: Print Preview dialog

2. Make any desired adjustments to the page layout and then print using **File**, **Print**, or the **print icon**. (Otherwise, click **Close**.)

7.0   Create/Update Note

Click the **Create Note** button to generate a **Prenatal Care Follow Up** note.

Once a note has been created and signed, the button will change to the **Update Note** button. The **Update Note** button deletes the existing note and generates a replacement note.

> **Note:** The **Create/Update Note** button requires at least one POV problem in PIP to be enabled.

1. Create a **Note**.

    a. Click the **Create Note** button to display the **Prenatal chart documentation completed** dialog (Figure 7-1). The following figure shows a sample of this dialog:
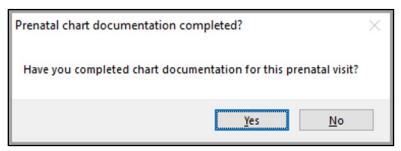

Figure 7-1: Prenatal chart documentation completed dialog

- Click **Yes** to continue.

- Click **No** to exit creating the note and return to the PIP.

    The **Prenatal Care Follow Up Note** dialog (Figure 7-2) displays the TIU gathered information for the user to review.
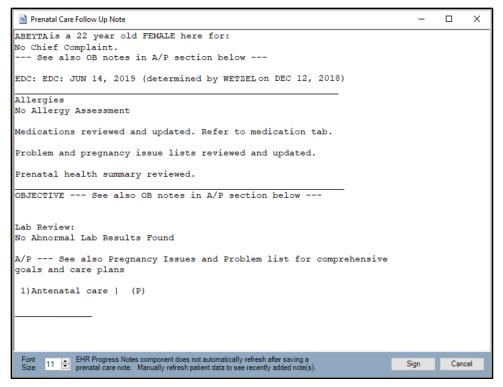
Figure 7-2: Prenatal Care Follow Up Note dialog

> **Note:** None of the information can be changed in the Prenatal Care Follow Up Note.

b. Use **Font Size** to change the display-text font size for readability. This has no impact on how the text is saved to RPMS.

- Click **Sign** to continue.

- Click **Cancel** to exit creating the note and return to the PIP.

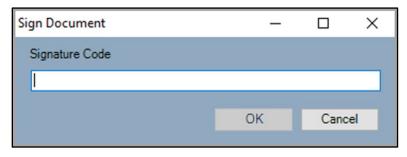The following figure (Figure 7-3) shows a sample of **Sign Document** dialog:

Figure 7-3: Sign Document dialog

c. Sign using your **RPMS Electronic Signature**.

- Click **OK** to complete signing and return to the PIP. The **Create Note** button will change to **Update**.

- Click **Cancel** to exit and return to the **Prenatal Care Follow Up Note** dialog.

> **Note:** Click the **Cancel** button to exit and return to the **Prenatal Care Follow Up Note** dialog.

2. Update **Note**.

   a. Click the **Update Note** button to display the **Delete existing note** dialog (Figure 7-4). The following figure shows a sample of this dialog:
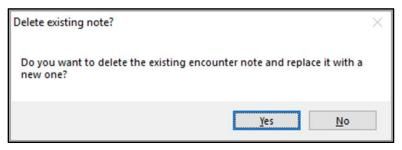

Figure 7-4: Delete existing note dialog

- Click **Yes** to continue. The previous Prenatal Care Follow Up note will be deleted.

- Click **No** to exit creating the note and return to the PIP.

   b. The **Prenatal Care Follow Up Note** screen (Figure 7-5) displays the TIU gathered information for the user to review.
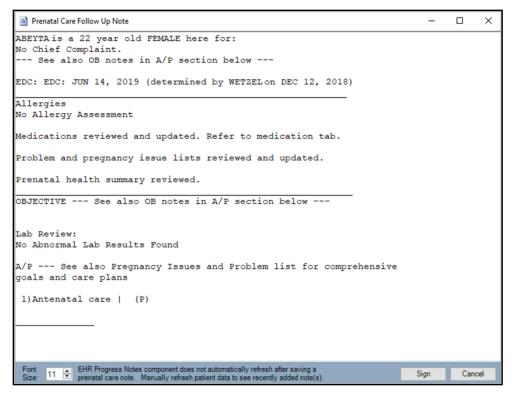
Figure 7-5: Prenatal Care Follow Up Note dialog

> **Note:** None of the information can be changed in the Prenatal Care Follow Up Note.

    c. Use **Font Size** to change the display text font size for readability. This has no impact on how the text is saved to RPMS.

- Click the **Sign** button to continue.

- Click the **Cancel** button to exit creating the note and return to the PIP.

The following figure shows a sample of **Sign Document** dialog (Figure 7-6):
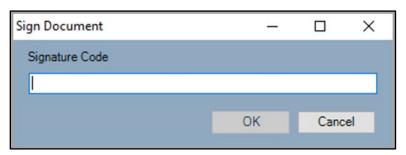

Figure 7-6: Sign Document dialog

3. Sign using your **RPMS Electronic Signature**.

- Click **OK** to complete signing and return to the PIP. The **Create Note** button will change to **Update Note**.

- Click the **Cancel** button to exit and return to the **Prenatal Care Follow Up Note** dialog.

8.0   Set as Today's POV

If the PIP is editable, users can select one or more problems in order to update the problem's **Set as Today's POV** flag at once. This setting can also be updated via the **Edit Problem** dialog.

Use the **Set as Today's POV** button to associate active problems from the **PIP** component as the POV for the selected visits in the **EHR Visit Diagnosis** component. This same functionality is available on the right-click menu.

Follow these steps to set a problem as the POV for a visit:

1. To select all active problems, either click the **Set as Today's POV** (or select the **Set as Today's POV** option on the right-click menu) or alternatively, select one **problem** in the grid and click the **Edit** button (or select the **Edit Problem** option on the right-click menu) to display the **Set as Today's POV/Update problems** dialog (Figure 8-1) for the selected active problems.

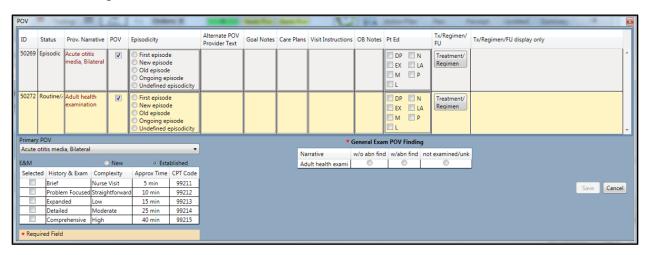2. When done editing, click **Save**. Otherwise, click **Cancel** to cancel the update process.

Figure 8-1: Set as POV's/Update Problems dialog

9.0   Toggle Status

Use this button when you have a selected problem(s) in the **Pregnancy Issues and Problems List** component that you want to change status for. This same functionality is available on the right-click menu.

This action will change any currently selected problem(s) with status of:

• **Active to Inactive**

• **Inactive to Active**

10.0　Toggle Scope

Use this button when you have problem(s) in the **Pregnancy Issues and Problems List** component that you want to change scope for. This same functionality is available on the right-click menu.

This action will change any currently selected problem(s) with scope of:

- **Current Pregnancy to Prior Pregnancy**

- **Prior Pregnancy to Current Pregnancy**

Attempting to switch from current to prior pregnancy (Figure 10-1) may display a message indicating why it cannot be changed. For example:
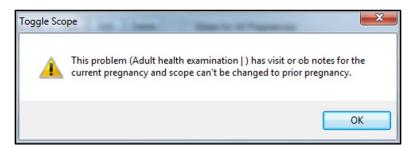

Figure 10-1: Cannot switch to prior pregnancy warning message

10.1　Pick List

Click the Pick List button to open the **Prenatal Pick List** form. The same functionality is available on the right-click menu. The Pick List is displayed in a checked list format and displays the SNOMED CT® terms available to add as entries in the PIP. The box on the left displays the available pick lists to choose from while the box on the right displays the SNOMED CT® terms available for each pick list.

Users can display each category as needed and sort by frequency. Additionally, the scroll bars can be used to move up or down in order to view the various items in the category or check Show All to disable the pick list selection and display all SNOMED CT® terms for selection and inclusion in the PIP. The SNOMED CT® terms displayed using this method is the comprehensive list of terms available to prenatal as provided by subject matter experts.

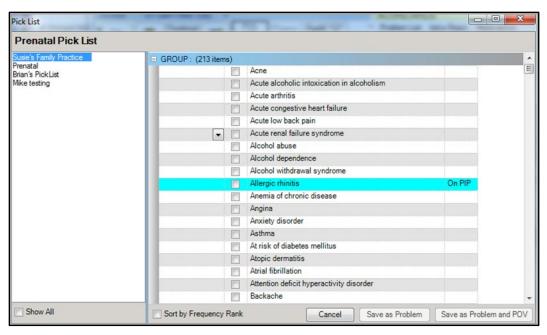1. Check problems to add to the **PIP** (Figure 10-2).

Figure 10-2: Pick List dialog

- Rows highlighted in blue already have problems on the PIP. Also indicated by **On PIP** in last column.

- Additional details provided by hovering over the problem (Figure 10-3). Using the example below, **(48) H66.90 Acute otitis media Admin**.

  - (48)–number of times this problem has been selected from pick list. Used by Sort by Frequency Rank

  - H66.90–ICD value

  - Acute otitis media–problem name

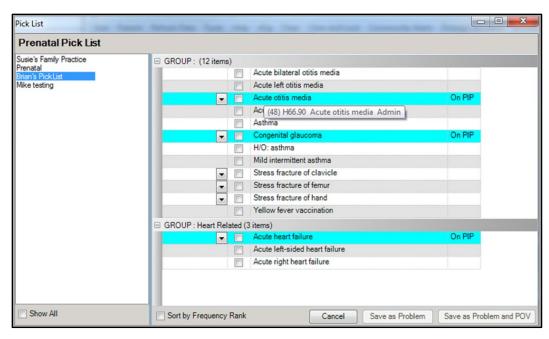 - Admin–Default Status as defined by Pick List

Figure 10-3: Additional details provided by hovering over problem

- **Save as Problem** button will launch a **PIP Add/Edit** form for each checked problem. Refer to Section 10.2 and 10.3 for details.

- If a similar problem is already found in the IPL or PIP (Figure 10-4 and Figure 10-5), the user will be prompted to clarify if the new problem should be added or use an existing problem. A similar prompt is used in the IPL.
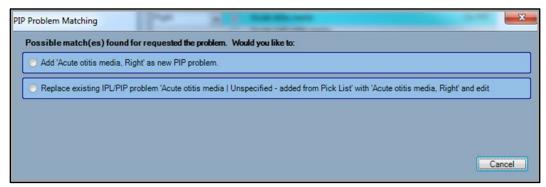

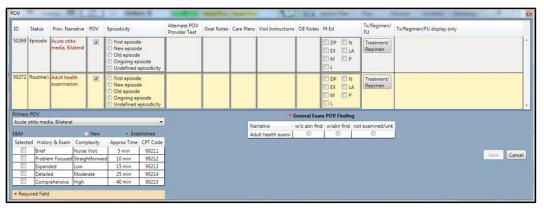Figure 10-4: PIP Problem Matching dialog

Figure 10-5: POV form example

10.2   Adding a Problem

The **Add Problem** information dialog displays when the user clicks the **Add** button on the PIP or when **Add Problem** is selected from the right-click menu. The user is initially prompted to search for and select a SNOMED CT Term according to the steps described below. The subsequent **Add Problem** dialog allows users to set the attributes for the problem including:

- IPL Priority
- Use as POV
- Primary (if POV is selected)
- Inpatient (as applicable for encounter context)
- PIP Priority
- SNOMED CT® term
- IPL Status
- PIP Status
- Scope
- Provider Text
- Date of Onset
- Date of Diagnosis
- Date Resolved
- Diagnosis Source
- Qualifiers
- Asthma (*)
- Fracture Healing (*)

- Is Injury Data (if POV is selected)
    - Care Plan Info
        - OB Notes
        - Visit Instructions
        - Care Planning Activities
        - Goal Notes
        - Care Plans
    - (*)–Depends on problem selected.

If the PIP is editable, problems can be added to the list in a variety of ways. From the PIP, clicking the **Add** button or selecting **Add Problem** from the right-click menu will open the **Problem** dialog. Problems can also be added using the **Pick List** button. Once the entry is updated and saved, the problem will be added to the PIP and appear in the list.

Add a problem to the PIP if an issue is considered important enough and to document as an ongoing issue.

> **Warning:**   Notes are saved when the user clicks on the **OK** button on the CVG form, not via the **Edit Problem Save** button.

Follow these steps to add a new problem to a patient's **Pregnancy Issues and Problems** list:

1. Click **Add** (or select the **Add Problem** option on the right-click menu) to display the **Add Problem Information** dialog (Figure 10-6).
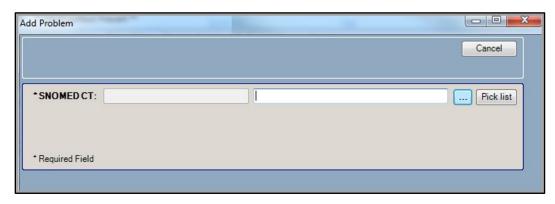

Figure 10-6: Problem Maintenance dialog for adding a problem

2. For the required **SNOMED CT** field, either type in the **SNOMED CT®** value for the problem (if known) or else click the **Ellipsis** button () to utilize the **SNOMED CT® Lookup** dialog or the **Pick List** button to select the appropriate entry.

Selecting a problem via **SNOMED CT** and the **Pick List** button can cause one of the following special case message boxes to be displayed:

- The problem selected already exists on the PIP and was loaded into an edit screen (Figure 10-7).

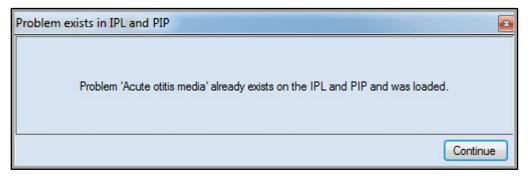**WARNING:** This window only displays for 5 seconds before automatically closing.

Figure 10-7: Problem found on PIP and loaded into the edit screen

3. If desired, select **IPL Priority** for a problem.

4. If desired, select **Use as POV** to mark this as purpose of visit. Once **Use as POV** is selected, the **Primary** checkbox becomes an option. Select if desired.

    - If an inpatient visit is selected, **Use as POV** and **Primary** are replaced with **Use for Inpatient** checkbox.

    - Selecting either **Use as POV** or **Use as Inpatient** will make the **Care Plan Info** section visible.

5. If desired, select **PIP Priority** for the problem.

6. Select the appropriate option button in the **IPL Status** group box, **Episodic** is pre-selected as the default for a new problem.

7. Select the appropriate option button in the **PIP Status** group box, **Active** is pre-selected as the default for a new problem.

8. Select the appropriate option button in the **Scope** group box, **Current Pregnancy** is pre-selected as the default for a new problem.

    - If desired, enter a **60-character** maximum **Provider Text** field value.

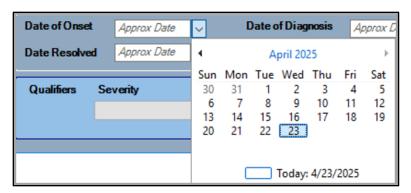   - If desired, the **Date of Onset** (Figure 10-8) can be entered.

Figure 10-8: Date of Onset Data Entry

- If desired, the **Date of Diagnosis** (Figure 10-9) can be entered.
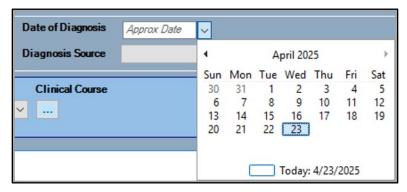

Figure 10-9: Date of Diagnosis Data Entry

- If information is known as to who diagnosed the problem, the **Diagnosis Source** drop-down menu (Figure 10-10) can be selected and a value entered.
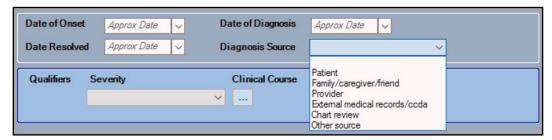

Figure 10-10: Diagnosis Source drop-down menu

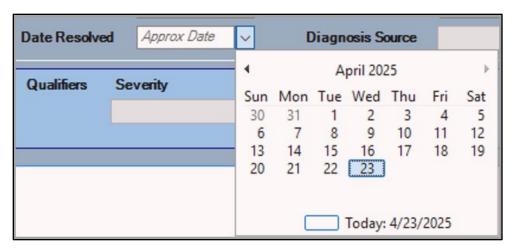- If desired, the **Date Resolved** (Figure 10-11) can be entered.

Figure 10-11: Date Resolved Data Entry

- If desired, the **Qualifiers** section can be updated.

    – Certain SNOMED CT terms, such as Adult Health examination, require General Exam POV finding information to be collected. The **Save** button will be disabled until a finding is selected.
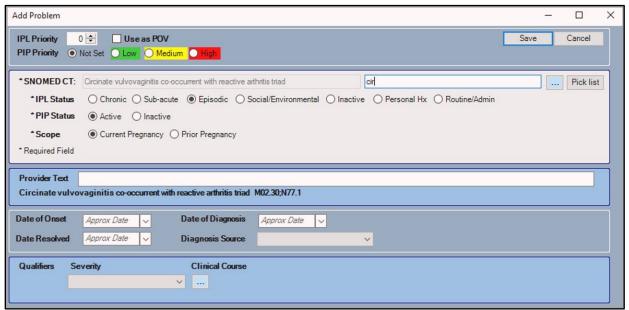

Figure 10-12: Add Problem dialog

- If the selected problem is asthma related, the Asthma section (Figure 10-13) will be visible and can be updated.

Figure 10-13: Asthma section

- If desired, injury data can be entered by selecting the Injury option (Figure 10-14). The injury will be displayed and can be populated.

Figure 10-14: Injury option dialog

- If selected problem, such as Stress fracture of left ulna, is Fracture Healing related, the Fracture Healing section (Figure 10-15) will be visible and can be updated.
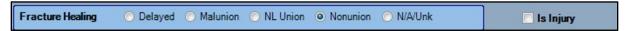

Figure 10-15: Fracture Healing dialog

- If desired, Care Plan Information can be updated via Add Visit Instruction / Care Plans / Goal Activities / OB Notes button (Figure 9-16) or right-click menu options on OB Notes, Goal Notes, Care Plans, and Visit Instructions grids. Using the Care Plans/Visit Instruction/Goal Activities/OB Notes form, will:

  - Save the currently selected problem on the **Add Problem** form.

  And

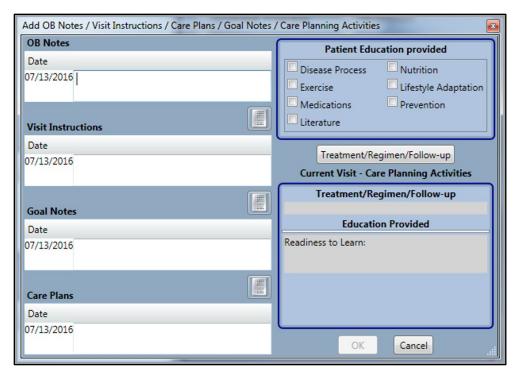 - Save any data entered on the form.

Figure 10-16: Add Visit Instruction / Care Plans / Goal Activities / OB Notes form dialog

When the **Add Problem Information** dialog is complete, either click **Save** to file the problem information into RPMS or click **Cancel** to quit without saving.

10.3   Editing a Problem

The **Edit Problem Information** dialog displays when the user clicks the **Edit** button on the PIP or when the **Edit Problem** is selected from the right-click menu. The dialog allows users to set the attributes for the problem including IPL priority, Use as POV, primary, inpatient, PIP Priority, SNOMED CT® term, IPL status, PIP status, scope, provider text, qualifiers, asthma (*), fracture healing(*), Is Injury data, date of onset, goal notes, care plans, visit instructions, care planning activities.

- **(*)**–Depends on problem selected.

The application allows you to change information about an existing problem in the **Pregnancy Issues** and **Problems List** grid. Most likely, you will change the problem from **Active** status to **Inactive** status.

> **Warning:**   Notes are saved when the user clicks on the **OK** button on the CVG form, not via the **Edit Problem Save** button.

Follow these steps:

1. Highlight a **problem** in the **Problem List** grid.

2. Click **Edit** (or select the **Edit Problem** option on the right-click menu) to display the **Edit Problem Information** dialog (Figure 10-17) for the selected problem.
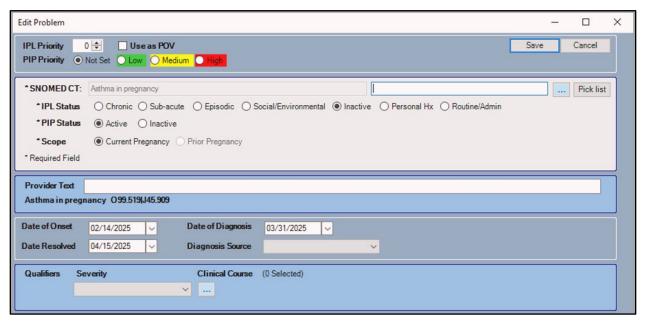

Figure 10-17: Edit a problem dialog

3. For the required **SNOMED CT** field, either type in the **SNOMED CT® value** for the problem (if known) or else click the **Ellipsis** button ([...]) to utilize the **SNOMED CT® Lookup** dialog or the **Pick List** button to select the appropriate entry.

Selecting a problem via SNOMED CT and the Pick List can cause one of the following special case message boxes (Figure 10-18) to be displayed.

- The problem selected already exists on the PIP and was loaded into an edit screen. This window only displays for five seconds before automatically closing.
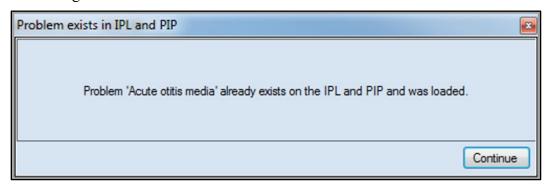

Figure 10-18: Problem was found on the PIP and was loaded into the edit screen

- If desired, select **IPL Priority** for a problem.

- If desired, check **Use as POV** to mark this as purpose of visit. Once Use as POV is checked, the **Primary** checkbox becomes an option. Select if desired.

If an inpatient visit is selected, Use as POV and Primary are replaced with the Use for Inpatient checkbox. Selecting either Use as POV or Use as Inpatient will make Care Plan Info section visible.

- If desired, select **PIP Priority** for the problem.

- Select the appropriate option button in the **IPL Status** group box, **Episodic** is pre-selected as the default for a new problem.

- Select the appropriate option button in the **PIP Status** group box, **Active** is pre-selected as the default for a new problem.

- Select the appropriate option button in the **Scope** group box, **Current Pregnancy** is pre-selected as the default for a new problem.

- If desired, enter a 60-character maximum **Provider Text** field value.

- If desired, the **Date of Onset** can be entered.

- If desired, the **Date of Diagnosis** can be entered.

- If desired, the **Date Resolved** can be entered.

- If information is known who diagnosed the problem, the **Source of Diagnosis** drop-down can be selected and a value entered.

- If desired, the **Qualifiers** section can be updated.

  - Certain **SNOMED CT** terms, such as **Adult health examination**, require **General Exam POV** finding information to be collected. The **Save** button will be disabled until a finding is selected.

Figure 10-19: Abnormal Findings dialog

- If selected problem is Asthma related, the Asthma section (Figure 10-20) will be visible and can be updated.
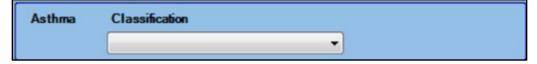

Figure 10-20: Asthma dialog

- If desired, injury data can be entered by selecting the **Is Injury** checkbox. The injury will be displayed (Figure 10-21) and can be populated.

Figure 10-21: Injury dialog

- If selected problem, such as Stress fracture of left ulna, is Fracture Healing related, the **Fracture Healing** section (Figure 10-22) will be visible and can be updated.

Figure 10-22: Fracture Healing dialog

- If desired, Care Plan Information can be updated via Add Visit Instruction / Care Plans / Goal Activities / OB Notes button or right-click menu options on OB Notes, Goal Notes, Care Plans and Visit Instructions grids. Using the Care Plans/Visit Instruction/Goal Activities/OB Notes form (Figure 10-23) will save any data entered when the OK button is clicked.
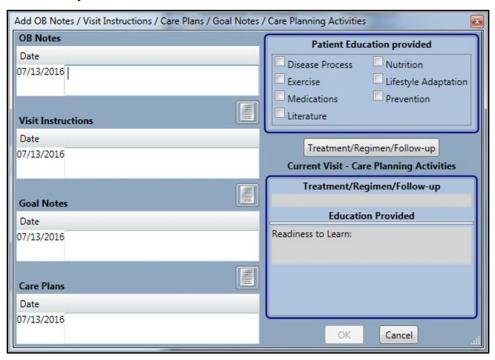

Figure 10-23: Add Visit Instruction / Care Plans / Goal Activities / OB Notes form

4. After correcting any information about the problem (including adding or deleting a note), click **Save** (on the **Edit Problem Information** dialog) to have the corrected information display in the PIP grid or click **Cancel** to quit without saving.

10.4   Deleting a Problem

If the PIP is editable, problems can be deleted from the list in a variety of ways. Unchecking an entry in the PPL will delete the item from the PIP list. Alternatively, from the PIP, clicking the **Delete** button or selecting **Delete Problem** from the right-click menu will delete the problem from the PIP. Once the entry is deleted, the problem will be removed from the PIP and will no longer appear in the list.

Follow these steps to remove a problem on the patient's **Pregnancy Issues and Problems** list:

1. Highlight the problem in the **Pregnancy Issues and Problems** list.

2. Click the **Delete** button (or select the **Delete Problem** option on the right-click menu).

   - If the selected problem has any care plan or visit data or marked as POV and status is NOT inactive, the following message will be displayed.
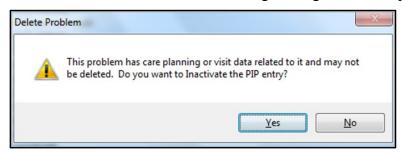

Figure 10-24: Delete Problem, Inactivate PIP entry Information Message

3. Click **Yes** to inactivate the problem on the **Pregnancy Issues and Problems** list. (Otherwise, click **No**.)

   - If the selected problem has any care plan or visit data or marked as POV and status is inactive, the following **Delete Problem** message (Figure 10-25) will be displayed.
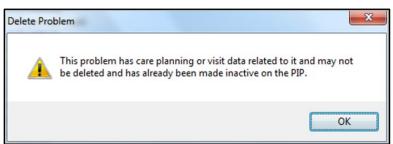

Figure 10-25: Delete problem, Inactive PIP entry Information message

4. Click **OK** to close.

- If the selected problem has no care plan or visit data, the following Delete Problem message (Figure 10-26) will be displayed.
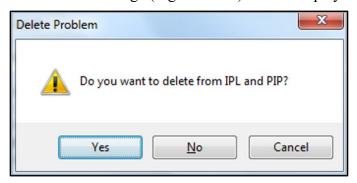

Figure 10-26: Delete Problem, IPL and PIP Information Message

- Click **Cancel** to prevent deleting from either the Pregnancy Issues and Problems List or on the IPL.

- Click **No** to delete the problem on the **Pregnancy Issues and Problems** list and **NOT** on the IPL.

- Click **Yes** to delete the problem on the **Pregnancy Issues and Problems** list and on the IPL and will display the **Delete Reason** information message (Figure 10-27).
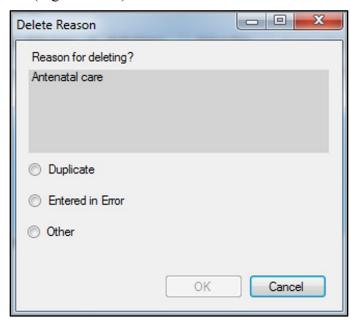

Figure 10-27: Delete Reason information message

5. Enter a **reason** for deleting. Click **OK** to delete the problem from the **Pregnancy Issues and Problems** list. (Otherwise, click **Cancel**.)

11.0   Notes for All Pregnancies

Check this option to see all notes (Figure 11-1 and Figure 11-2) for ALL pregnancies and not just the current pregnancy associated with the problems on the PIP. Notes are defined as being from the current pregnancy if their date of entry falls between the Definitive EDD minus 280 days and Definitive EDD plus the number of days specified in the **BJPN POST DEDD DAYS** parameter.

Figure 11-1: Pregnancy Issues and Problems list – Current pregnancy notes example
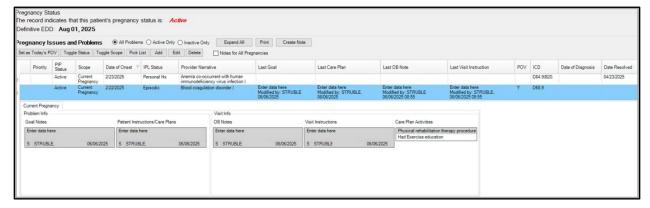

Figure 11-2: Pregnancy Issues and Problems List – All pregnancies notes example

11.1   Right-Click Menu

The **Right-Click** menu (Figure 11-3) displays when the user clicks the right mouse button on the PIP. It allows users to access PIP additional functionality as well as functionality available from the buttons on the component itself.

The top part of the right-click menu lists all the fields present in the Problem list table that can be set at a user preference to be viewed or hidden by checking or unchecking the column name.
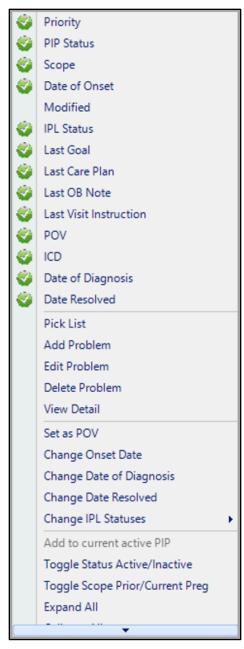
Figure 11-3: Right-Click menu example

11.2   View Detail

This option displays full details for the selected problem and includes a history of all changes.

Follow these steps to View Detail for a problem on the patient's Pregnancy Issues and Problems list:

1. On the **Right-Click** menu, click **View Detail** to display the **Problem Detail** dialog (Figure 11-4).
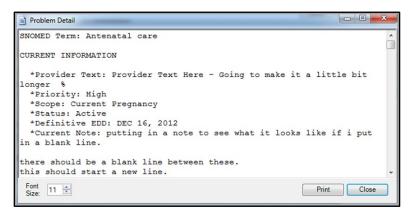

Figure 11-4: Problem Detail dialog

- You can specify a **Font Size** for printing.

- To print (Figure 11-5), click **Print**. (Otherwise, click **Close**.)
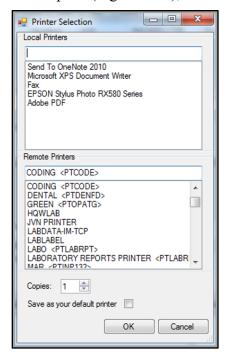

Figure 11-5: Printer Selection dialog

2. Set the **desired number** of copies to print.

- If you want to make the selected printer your default, check Save as your default printer.

3. Select a local printer.

- Clicking once on a printer name will select it. Click OK to print.

Or

- Double-clicking a printer name will select it and open the local printer dialog (Figure 11-6).

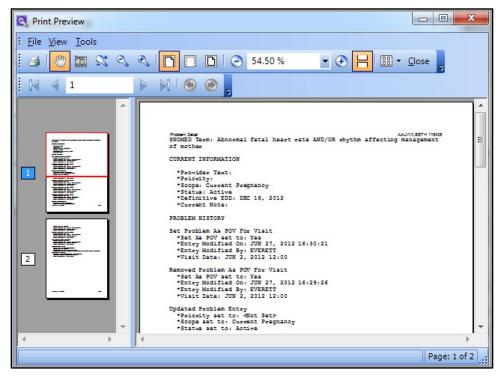
Figure 11-6: Print Preview dialog

4. Make any desired adjustments to the page layout and then print. Using **File**, **Print**, or the **Print** icon (![print icon]). (Otherwise, click **Close** (![close icon]).)

5. Select a **remote printer**.

- Clicking once on a **printer name** will select it. Click **OK** to print.

OR

- Double-clicking a printer name will select it and automatically send the print job to the remote printer.

When done on the **Printer Selection** dialog, click **Close**.

Acronym List

Acronym	Meaning
EHR	Electronic Health Record
HIPAA	Health Insurance Portability and Accountability Act
HHS	Department of Health and Human Services
ID	Identification
IHS	Indian Health Service
IT	Information Technology
OIT	Office of Information Technology
PC	Personal Computer
PHI	Protected Health Information
PHR	Personal Health Record
PII	Personally Identifiable Information
PPN	Patient Preferred Name
ROB	Rules of Behavior
RPMS	Resource and Patient Management System
QA	Quality Assurance
SAC	Standards and Conventions
SOP	Standard Operating Procedure
VPN	Virtual Private Network

Contact Information

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