# ppm+

# Diagnosis

## USER GUIDE

**NHS**
The Leeds
Teaching Hospitals
NHS Trust

# Contents

# Introduction (including information regarding PPM1)

## Why is this change happening?

- Allow Diagnoses to be inputted directly into PPM+.

- To support the recording of Diagnoses through tailored eForms.

- Enable reusability of data between Hospital visits. This means clinicians are not required to re-enter known Diagnosis history every time the Patient is seen in Hospital.

- Structured data to enable better reporting.

- To support with the eventual migration over to PPM+ from PPM1.

## What benefits will this bring?

- All Diagnoses in one place in PPM+.

- The Diagnosis functionality can be reused within different elements in PPM+.

- Business Intelligence and Research.

- Improved coding (and increased income for the Trust).

- Supporting information to be shared across organisations.

## Changes for PPM1 users

PPM1 users will be able to continue to record diagnoses in PPM1. However, the functionality will change to be identical to the PPM+ version of the functionality. Any Diagnoses entered into PPM1 will automatically show in the patient's PPM+ record and vice versa.

## Changes for PPM+ users

You will now be able to enter Diagnoses via the Problems and Diagnosis dashboard in PPM+ for your patient. The dashboard will contain Diagnoses recorded in PPM+ and PPM1.
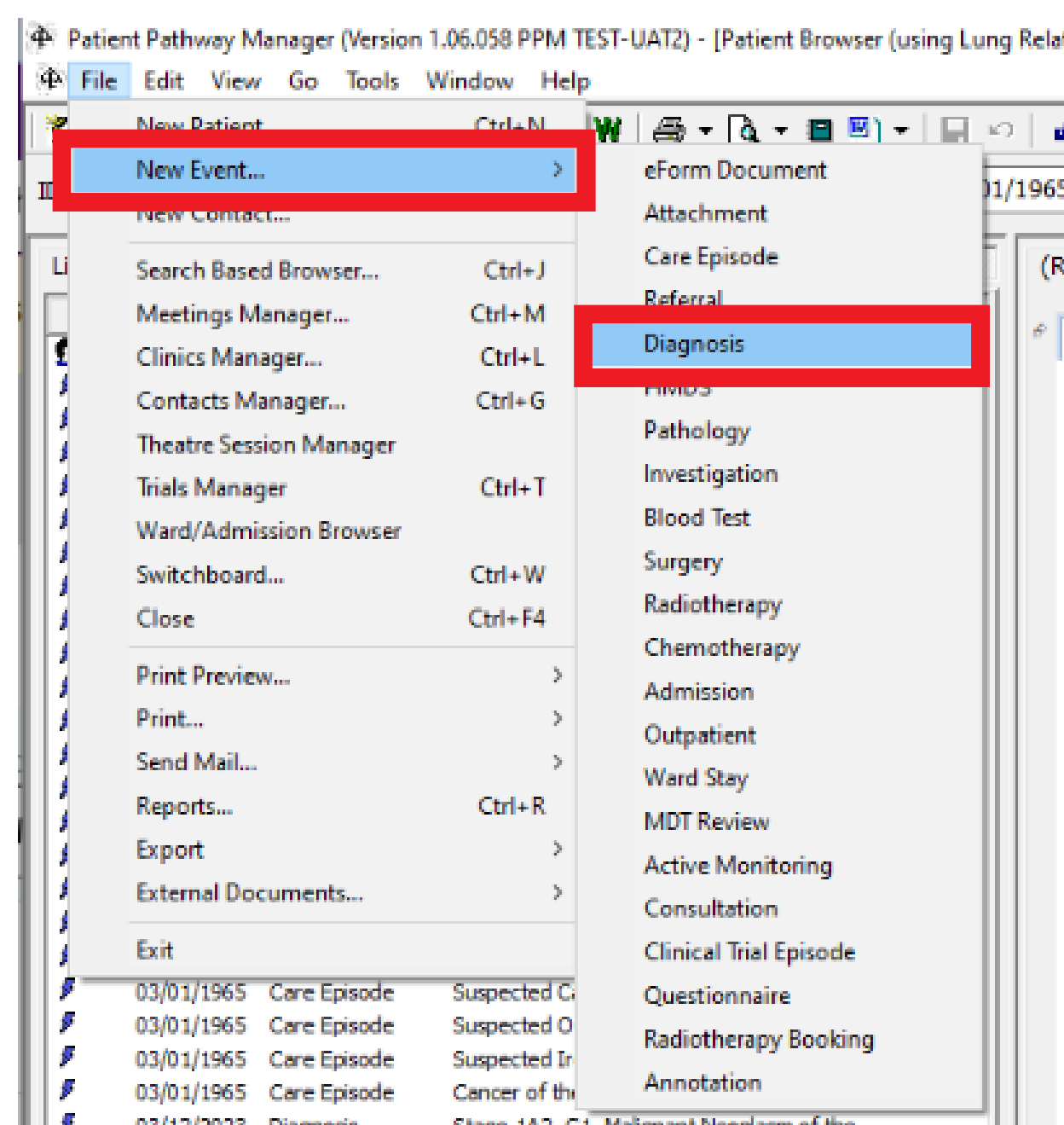
# Changes to Diagnosis in PPM1

When you add a **Diagnosis** in **PPM1** for your patient, the new **PPM+ Diagnosis** functionality will open within **PPM1**. Any Diagnosis you update in **PPM1** will update in **PPM+** and vice versa.
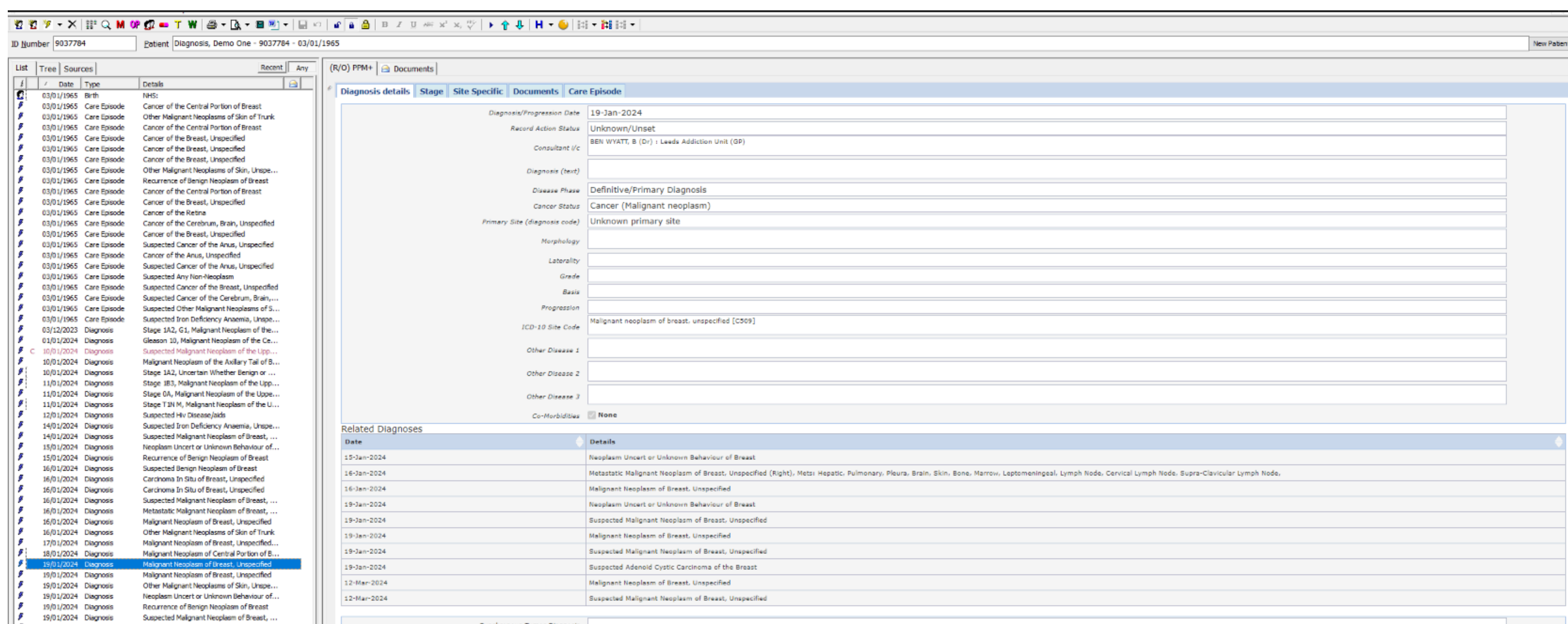
We recommend updating a Patient's **Diagnosis history** in **PPM+** due to more functionality being available and **Diagnosis history** being in a clearer view.

To add a **Diagnosis** via **PPM1**, go into your required **Patient's record**, click on **File > New Event > Diagnosis**. The **PPM+** Diagnosis functionality will open.
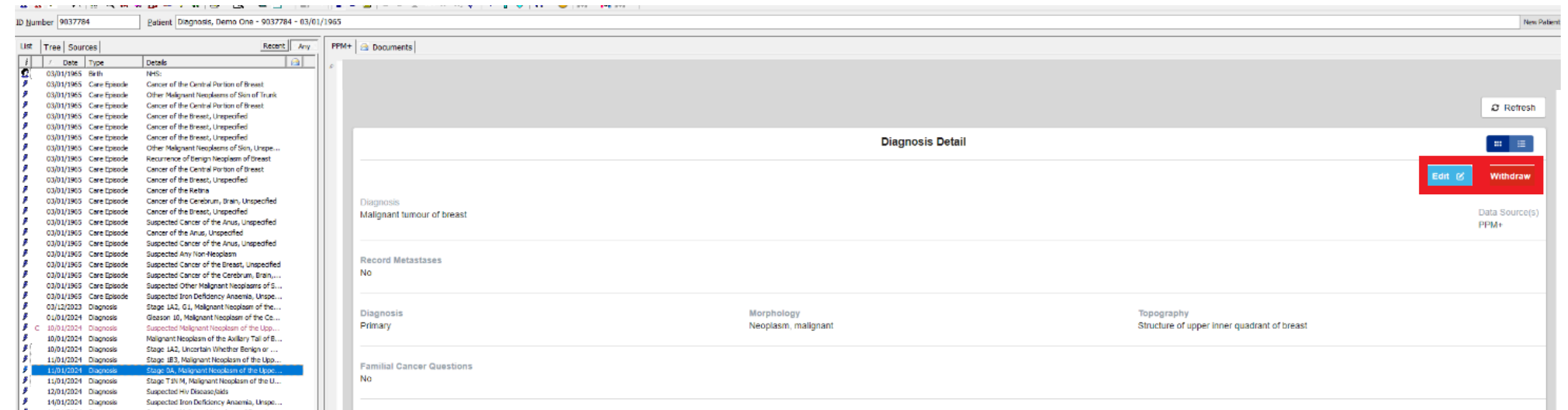
Please see below, how a **Diagnosis** entered in **PPM1** in the old format appears when you select a Patient's **Diagnosis** and how a **Diagnosis** will appear in **PPM1** when entered via the new **PPM+** Diagnosis functionality within **PPM1**.

**Old Format in PPM1 showing a Diagnosis for a Patient in their PPM1 record.**
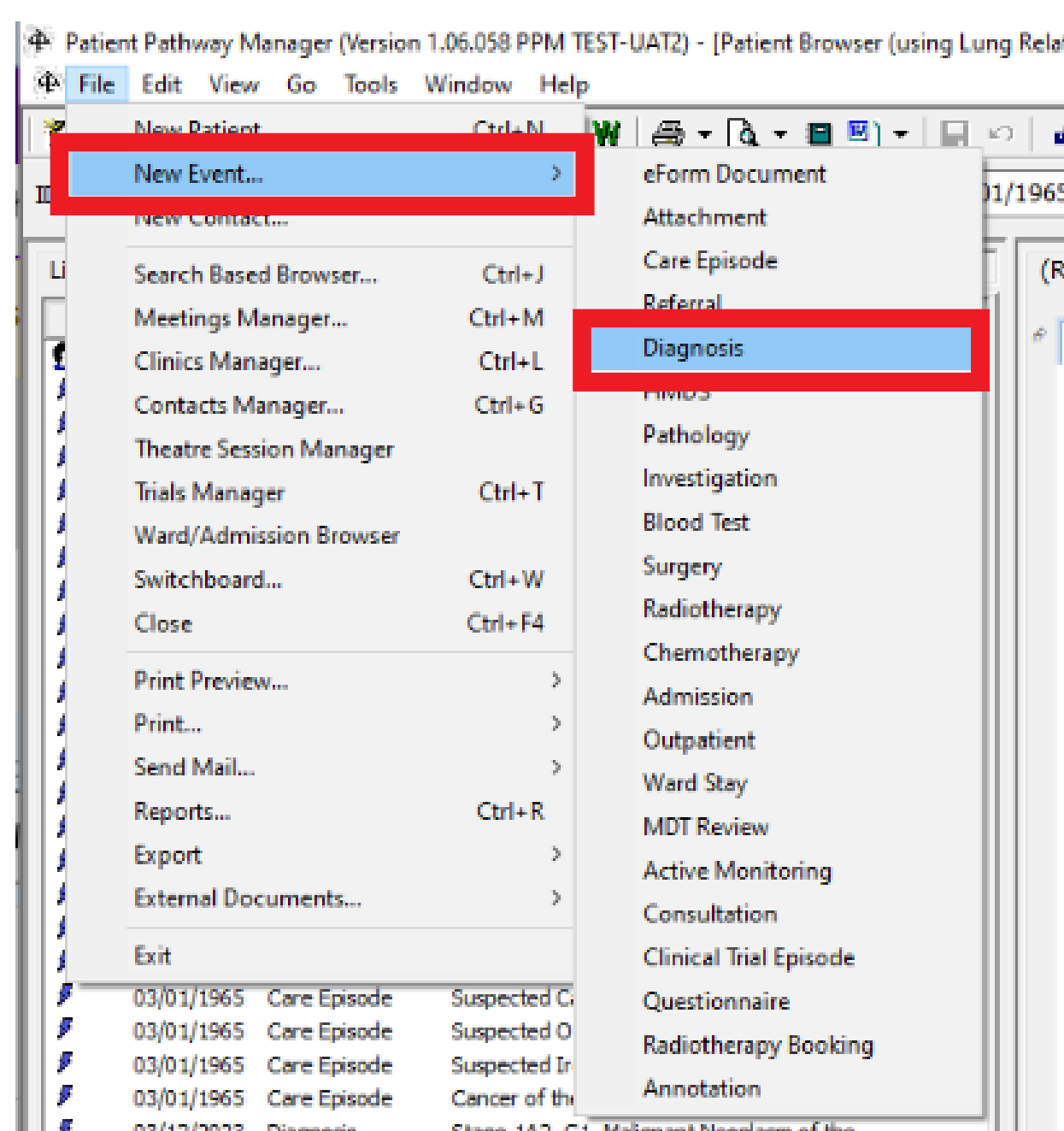


**New Format in PPM1 showing a Diagnosis for a Patient in their PPM1 record. Click on the Edit button to make any changes and the Withdraw button to remove the entry.**

When you add a **Diagnosis** in **PPM1** for your patient, the new **PPM+ Diagnosis** functionality will open within **PPM1**. Any Diagnosis you update in **PPM1** will update in **PPM+** and vice versa.

We recommend updating a Patient's **Diagnosis history** in **PPM+** due to more functionality being available and **Diagnosis history** being in a clearer view.

To add a **Diagnosis** via **PPM1**, go into your required **Patient's record**, click on **File > New Event > Diagnosis**. The **PPM+** Diagnosis functionality will open.
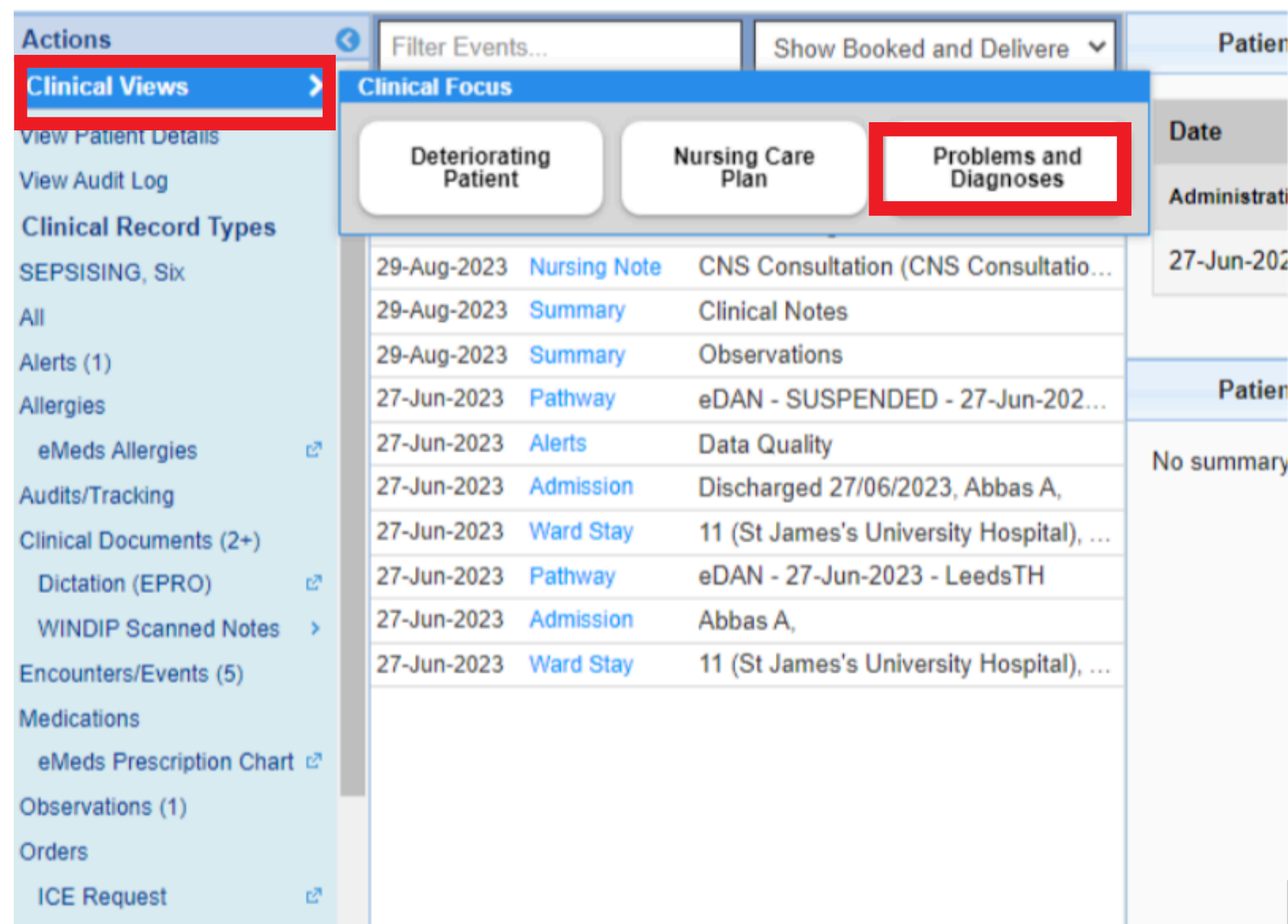
You can also add a **Diagnosis** via **PPM1** during an **MDT review**, click on the **Edit** button next to the **Waiting Time Diagnosis** drop down. The **PPM+** Diagnosis functionality will open.
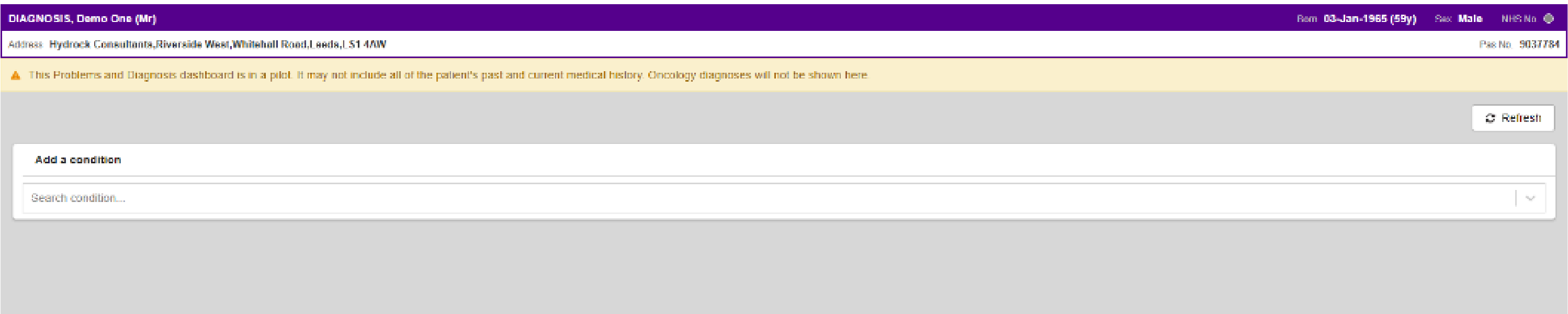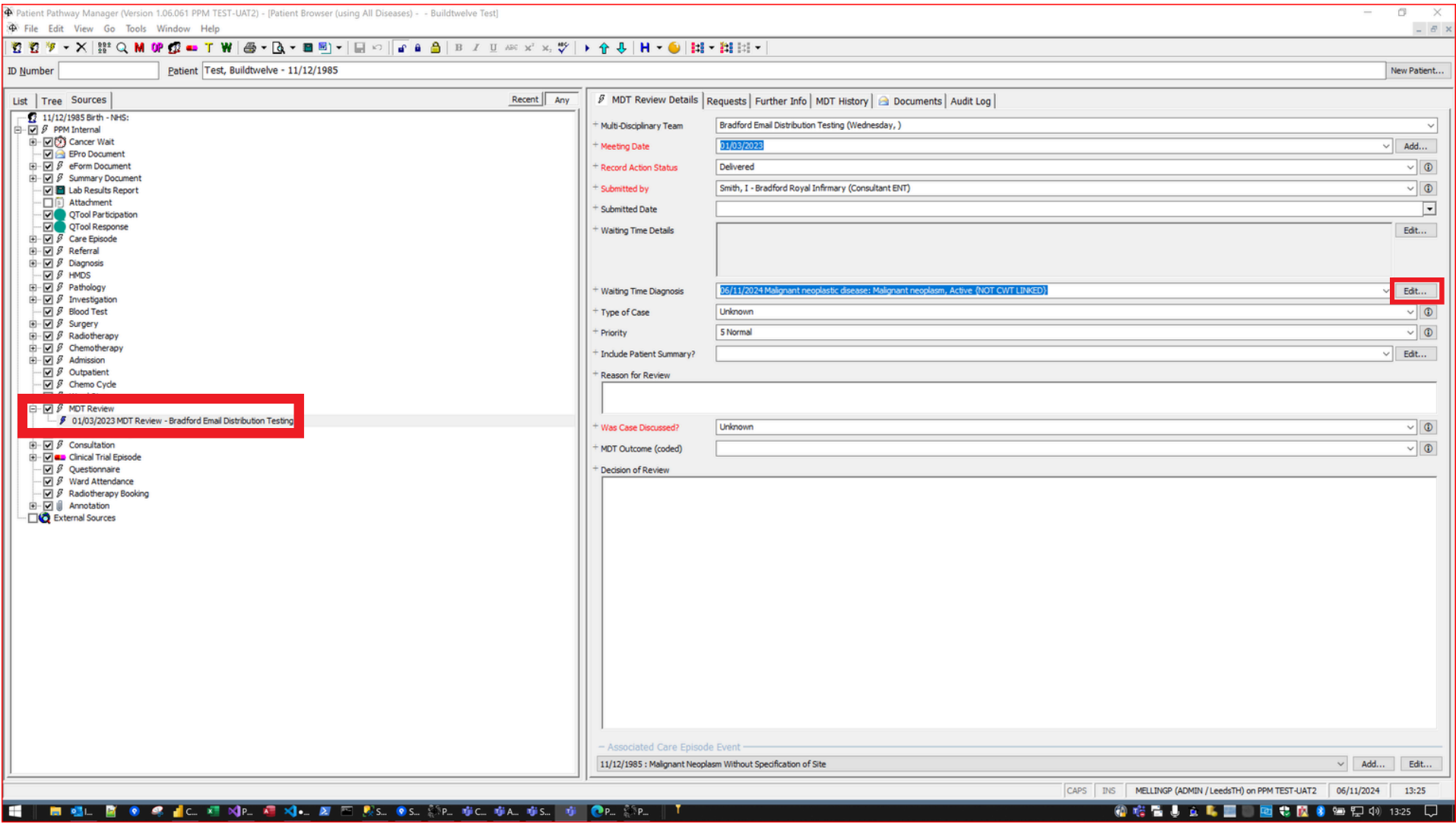




**For details of how to add a Diagnosis in PPM+, please see Page 13.**

# Accessing the Problems and Diagnosis Dashboard in PPM+



When in your selected Patient's **Single Patient View in PPM+**, click on the **Clinical Views** on the left hand side of the screen and then click on the **Problems and Diagnosis tab**.
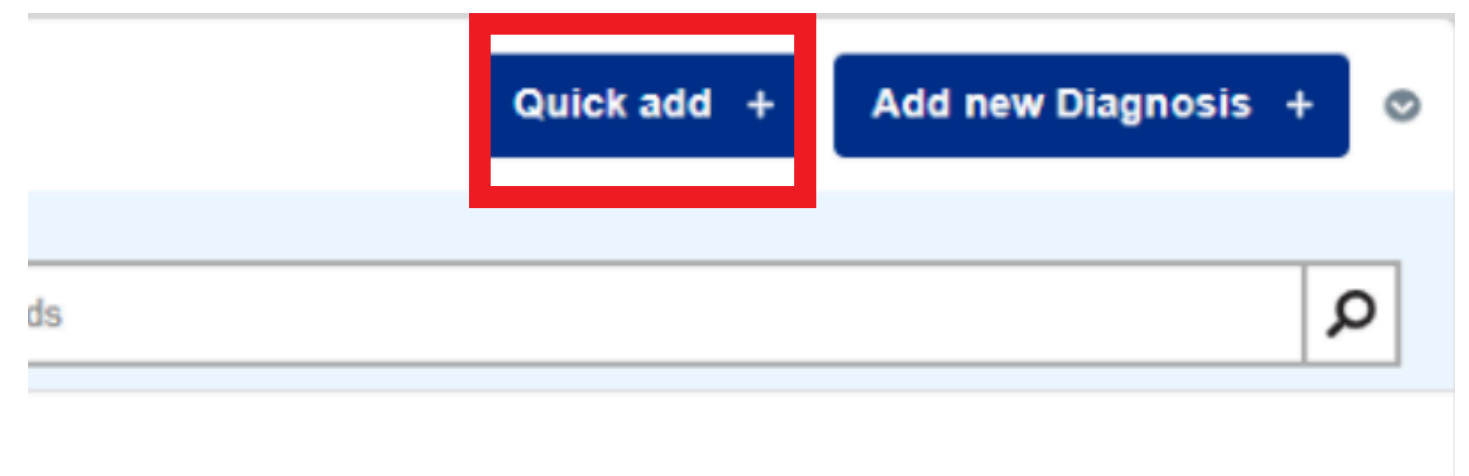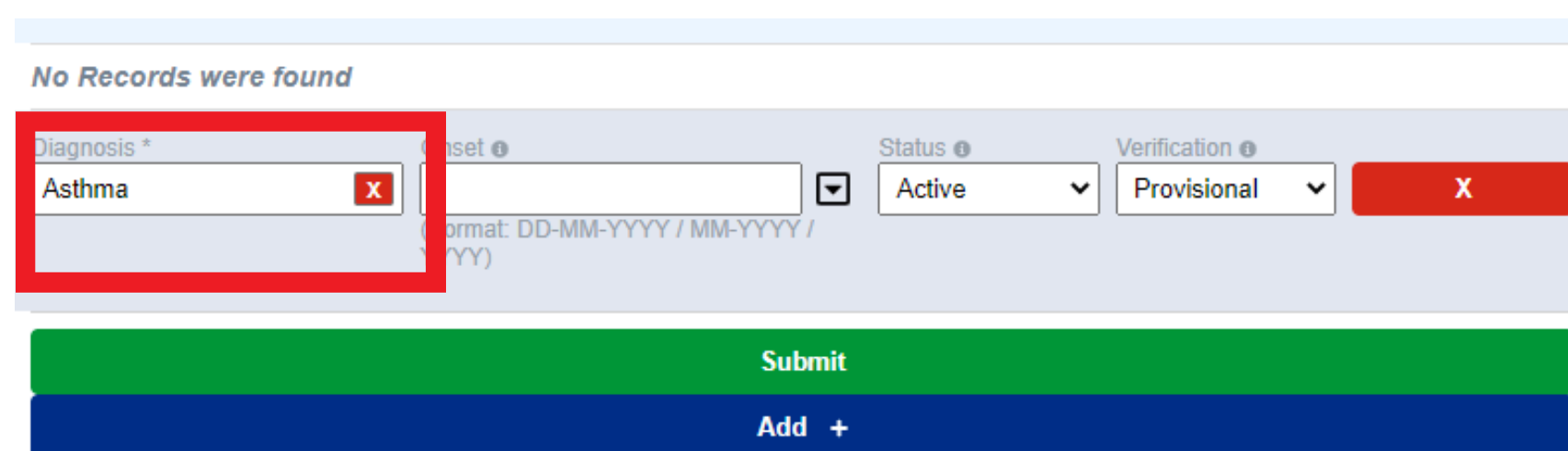


The **Problems and Diagnosis widget** will open. If the patient has had any **diagnoses** documented previously, these will be visible here. If you need to document the **patient's problem/diagnosis** history, this can be completed from this view.

**Please be aware the Diagnosis Dashboard may not contain a complete record of diagnoses for your patient. It is important that Diagnosis records are kept up to date via the Diagnosis and Problems Dashboard.**

# Adding a Quick Add Diagnosis in PPM+

To quickly add a **Diagnosis, select the Quick add + button.**



In the **Diagnosis** section, start to type the name of the **Problem/Diagnosis** you require and select it. **In this example**, we have selected **Asthma**.

In the onset section, you can change the way the onset of the **Problem/Diagnosis** started is recorded. If you select the **Black Arrow** you can change between **estimated or actual** date the **Problem/Diagnosis** began.

For this example, we have selected an **estimated date** the **Problem/Diagnosis** started. Enter the number of **Days, Weeks, Months** & **Years Ago.**

In the **Status section**, you can select between **Active, Inactive, Recurrence, Remission and Resolved**. For this example, we have selected **Active**.

## Breakdown of Status Options

**Active -** The subject is currently experiencing the symptoms of the condition or there is evidence of the condition.

**Recurrence -** The subject is having a relapse or re-experiencing the condition after a period of remission or presumed resolution.

**Inactive -** The subject is no longer experiencing the symptoms of the condition or there is no longer evidence of the condition.

**Remission -** The subject is no longer experiencing the symptoms of the condition, but there is a risk of the symptoms returning.

**Resolved -** The subject is no longer experiencing the symptoms of the condition and there is a negligible perceived risk of the symptoms returning.

In the **Verification section**, you can select between, **Provisional, Confirmed, Refuted and Unknown**. For this example, we have selected **Provisional.**

## Breakdown of Verification Options

**Provisional -** This is a tentative diagnosis, still a candidate that is under consideration.

**Confirmed -** There is sufficient diagnostic and/or clinical evidence to treat this as a confirmed condition.

**Refuted -** This condition has been ruled out by diagnostic and clinical evidence.

**Unknown -** The condition status is unknown. Note that "unknown" is a value of last resort and every attempt should be made to provide a meaningful value other than "unknown".



Further Problem/Diagnosis can be added by selecting the **Add** button.



Once all the information is correct, select **Submit**.

# Adding a New Diagnosis in PPM+

Through out this section we will refer to a **BASIC DIAGNOSIS** and **EXTENDED DIAGNOSIS**. A **Basic Diagnosis** is a form capturing minimal information to record a diagnosis. An **Extended Diagnosis** is detailed form tailored to the specific **Problem/Diagnosis**.

You can also add **Problem/Diagnosis via the Add new Diagnosis button** to a **Patient's record.** Click on the **Add New Diagnosis+** Button on the **Problems and Diagnosis Dasboard**.
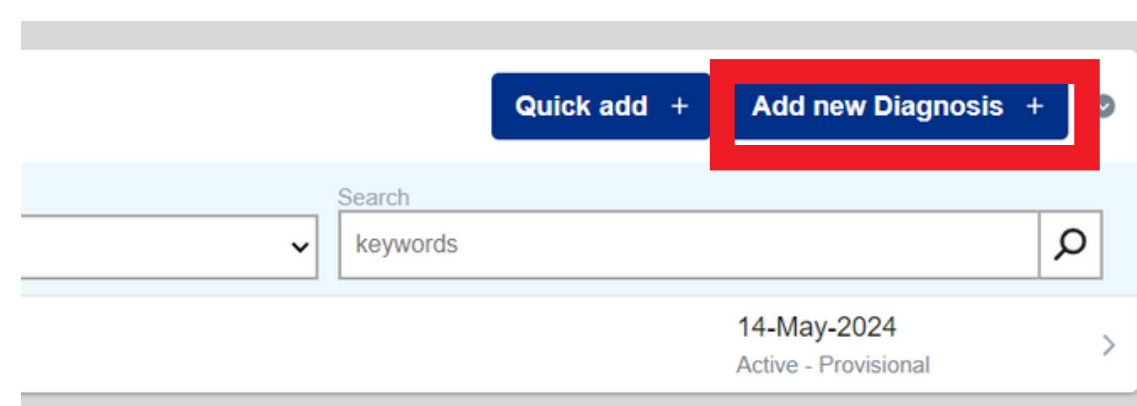
Enter the name of the **condition** and then click on either the **Detailed button** (if available for that particular Diagnosis) or the **Basic button**. In this example we have clicked on **Basic**.
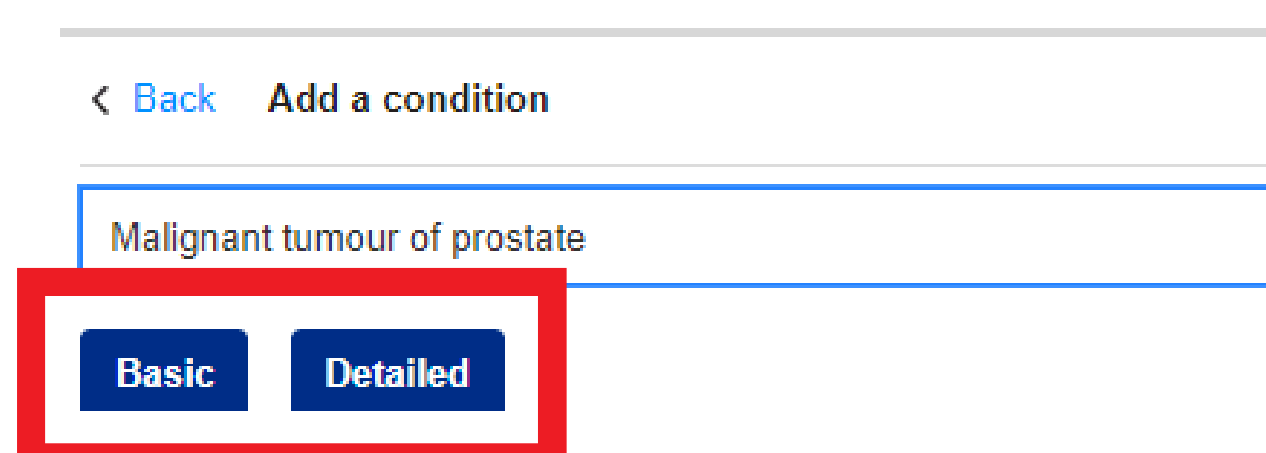
Insert the Diagnosis Date and Onset Date.

You can select whether the **Onset Date** is estimated.

**Diagnosis Stated By** *

| Practitioner | Patient | Related Person |

You can select who stated the **Diagnosis**.

You can select the **Clinical status** of the **Problem/Diagnosis** in this section. The breakdown of these statuses is the same as shown previously in this guide on **Page 11**.

Clinical status

| Active | Recurrence | Inactive |
| Remission | Resolved |

You can select the **Verification status** of the **Problem/Diagnosis** in this section. The breakdown of these statuses is the same as shown previously in this guide on **Page 12**.

**Verification status** *

| Provisional | Confirmed | Refuted |
| Unknown |

Remission/Resolution (Abatement)

dd/mm/yyyy

The date or estimated date that the condition resolved or went into remission. This is called "abatement" because of the many overloaded connotations associated with "remission" or "resolution" - Conditions are never really resolved, but they can abate.

The **Remission/Resolution (Abatement)** section is **not mandatory**. In this section, you can put a date the **Problem/Diagnosis resolved or went into remission**.

You can **document the severity** of the **Problem/Diagnosis** in this section. This a subjective assessment of the severity of the condition as evaluated by the clinician.
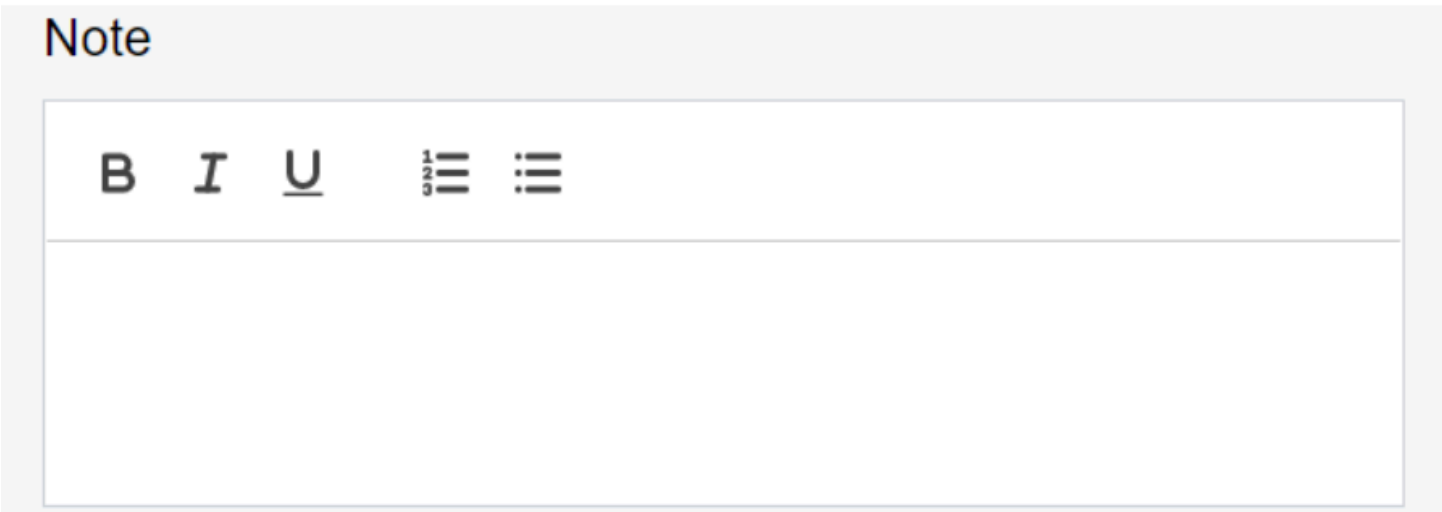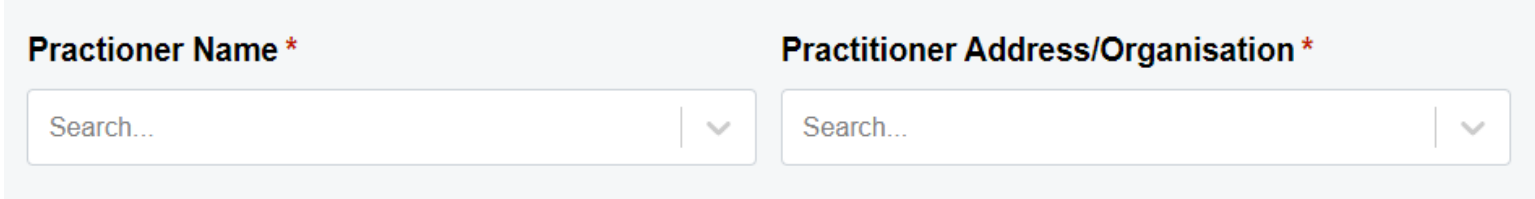
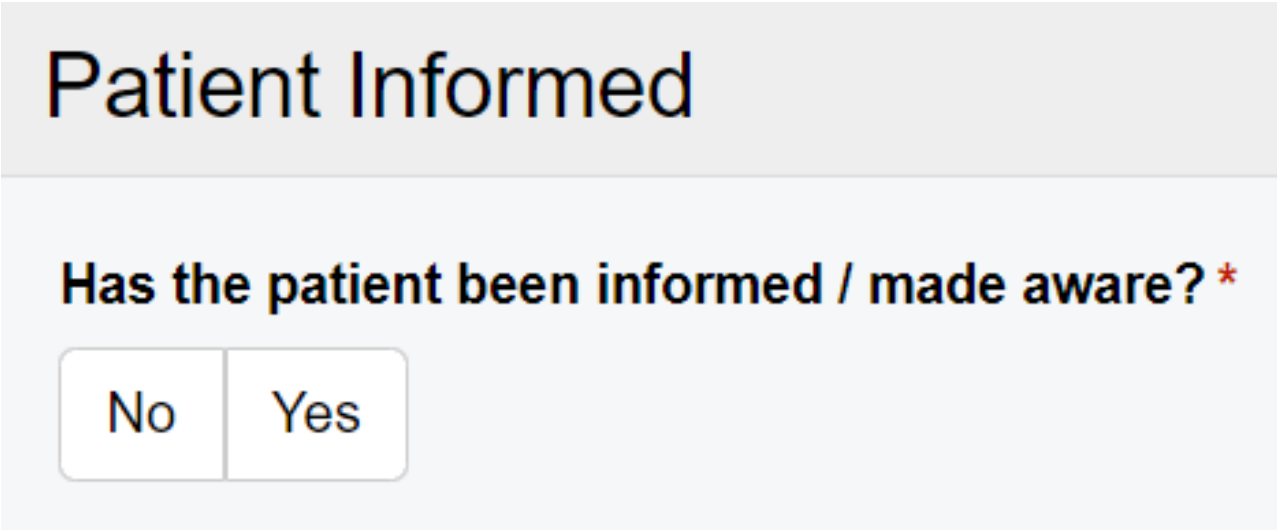Severity

| Mild | Moderate | Severe |

In this section, you can add some **further notes** regarding the **Problem/Diagnosis**.

**Note**

B  I  U

Enter the **Practitioner Name** and **Practitioner Address/Organisation**. These are **Mandatory Fields.**

Practioner Name *

Search...

Practitioner Address/Organisation *

Search...

In the **Patient Informed** section you can select if the **patient has been informed/made aware** of the **Diagnosis/Problem.**

If you select **Yes,** additional sections will appear for you to fill in.

**Patient Informed**

Has the patient been informed / made aware? *

No    Yes

**Submit**

Once you have completed the eForm, click on **Submit**. The **Diagnosis/Problem** will appear in the Problems and Diagnosis widget.

You can extend an existing **basic diagnosis** to an **extended diagnosis** by clicking on the **plus box** on the **Problems/Diagnosis** dashboard.

Malignant tumour of breast, Active, Provisional
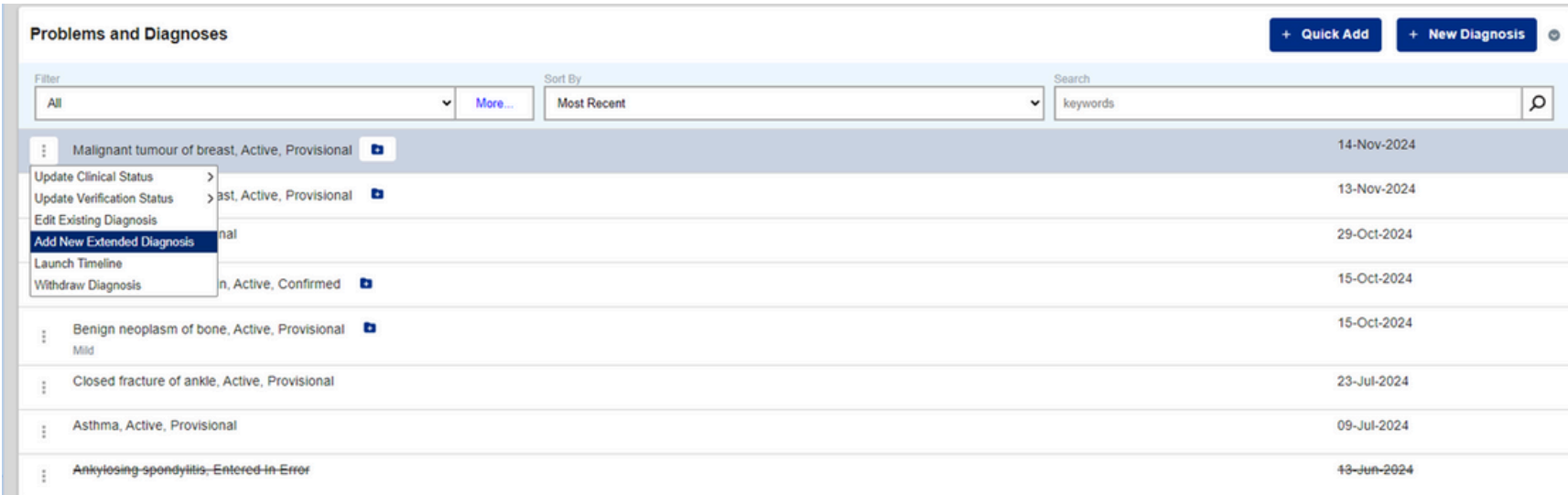


You can also add a **extended diagnosis** by clicking on the three dots on the **Problems/Diagnosis** dashboard and then selecting **Add New Extended Diagnosis.**

Another way to add an **extended diagnosis** by clicking into the **Diagnosis** on the **Problems/Diagnosis** dashboard and then selecting **Add Detail.**
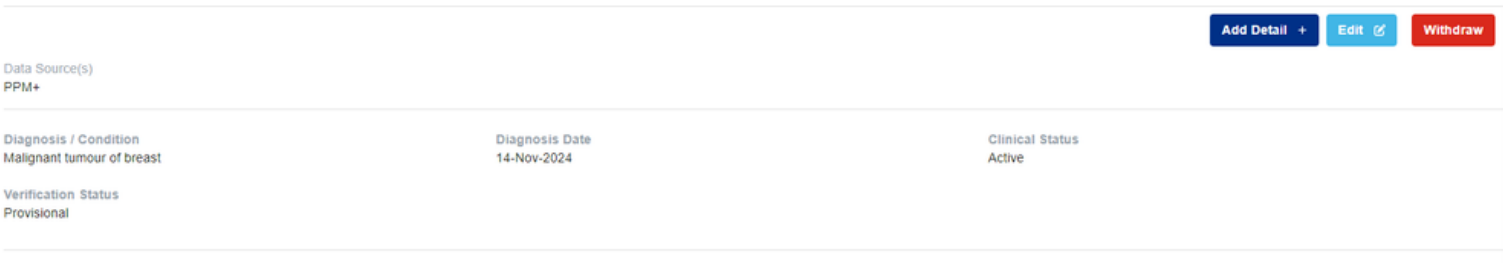


Once you have completed the eForm, click on **Submit**.

**If you are unable to find the relevant diagnosis, please contact the Implementation team via email: leedsth-tr.ImplementationTeam@nhs.net.**

# Editing and Withdrawing a Diagnosis in PPM+

If you need to **update or withdraw** a **Problem/Diagnosis** for a patient, select the **three dots** next to the **Problem/Diagnosis** you wish to **update or withdraw**.

Select the required type of **Status** you wish to update. You can chose between **Clinical Status** and **Verification Status**. In this example, we have chosen to update the **Clinical Status.** As you can see, we have the same options for updating the **Clinical Status** as shown on **Page 11**.

To edit a **Problem/Diagnosis** in more detail, click on **Edit Existing Diagnosis** and make the required changes. When finished, remember to click **Submit**.



To **withdraw** a **Problem/Diagnosis**, click on **Withdraw Diagnosis**. Then the **Withdraw eForm** will open. Enter the reason for withdrawing the **Problem/Diagnosis** and then click on **Withdraw**.

| Clinical Status | Verification Status | Sort By |
|---|---|---|
| All | All | Most Recent |

| | | |
|---|---|---|
| ⋮ | Asthma | 13-Sept-2022<br>Active - Provisional  ›|
| ⋮ | Open wound of lower leg | 16-Jun-2022<br>Recurrence - Confirmed  ›|

The other way to **edit or withdraw** a **Problem/Diagnosis** is by clicking anywhere in the **Problems/Diagnosis'** field in the Problems and **Diagnosis widget**.

**‹ List**   **Diagnosis Detail**   [⊞ ☰] ⌄

**Edit** ✎   **Withdraw**

Diagnosis
Asthma

Data Source(s)
PPM+

Onset Date
13-Sept-2022

Clinical Status
Active

Verification Status
Provisional

Asserted By
SMALES, Samuel (Mr) Project Support Officer

Asserted Date
16-Sept-2022

The **Diagnosis Detail widget** will open, click on Edit to edit the **Problem/Diagnosis** in more detail. To withdraw the **Problem/Diagnosis**, click on **Withdraw** (The process of withdrawing from here is the same as previously shown in this guide).

**Please note, if a Diagnosis has been entered incorrectly it should NOT be edited. Always Withdraw the incorrect Diagnosis and then enter a new Diagnosis as shown from <u>Page 9</u> in this User Guide.**

# Extending, Editing and Withdrawing a Detailed Diagnosis in PPM+



A **Problem/Diagnosis** that can be extended further **(to Level 2)** will appear with a **Blue Folder icon** next to the **Problem/Diagnosis** in the **Problems and Diagnosis Dashboard**. Please note adding a **Detailed Diagnosis** is the same as an **extended diagnosis**.
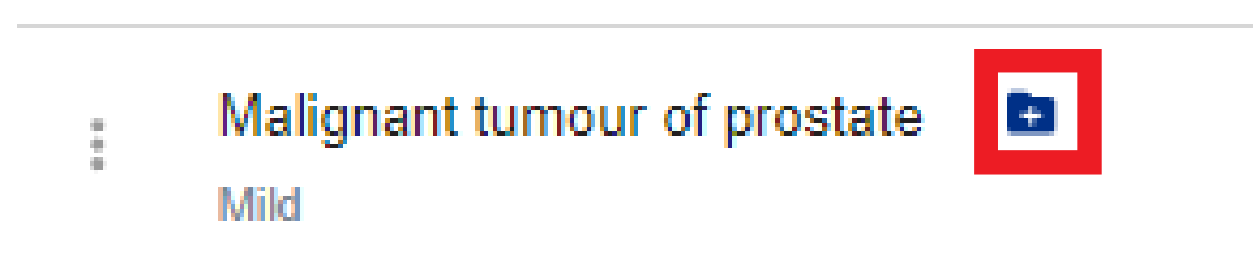
Alternatively you can select the **3 dots** next to the **Problem/Diagnosis** you wish to extend and select **Add New Extended Diagnosis.**
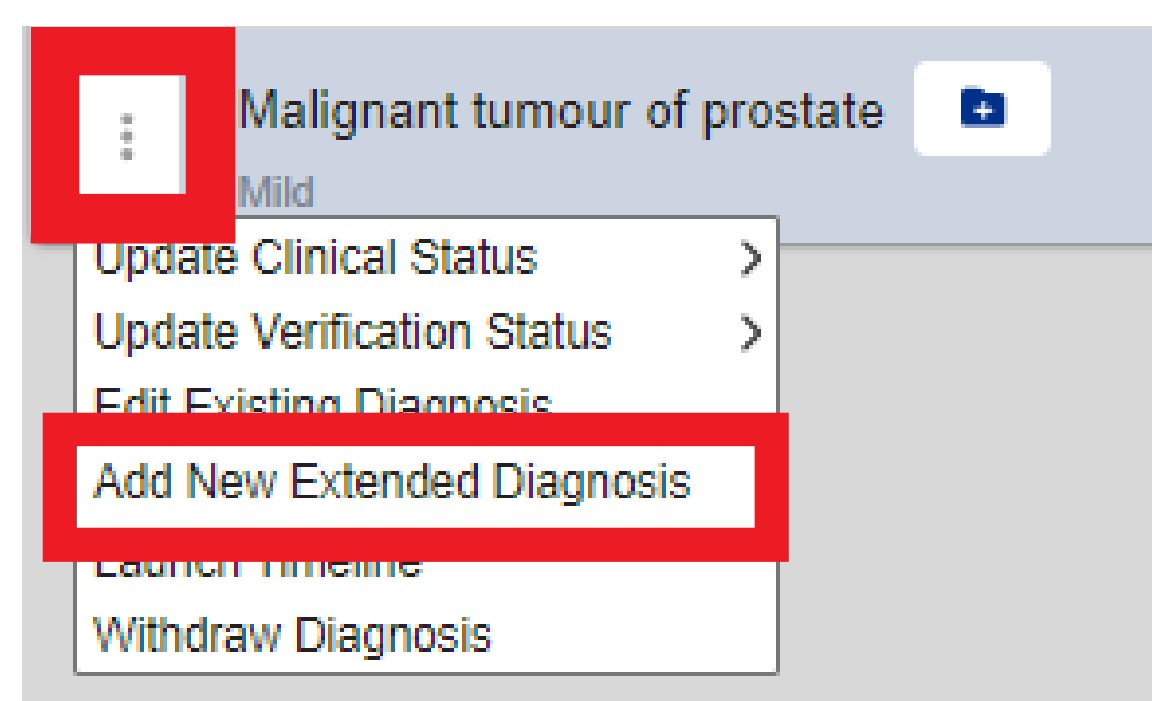
Alternatively, you can click on the name of the **Problem/Diagnosis** and select the **Add Detail + button**.

An **extended diagnosis** has been started here. In this example, the **Malignant tumour of prostate Level 2** eForm has opened.

Dependent on the diagnosis, further **questions/free text boxes** will be available to complete.
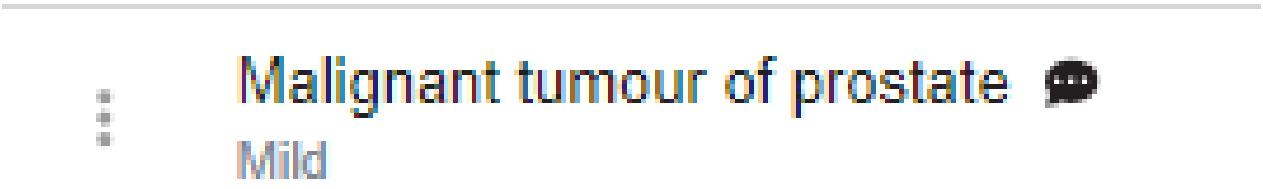
When you have completed the eForm, click on **Submit**.



A **Black speech bubble** icon will show next to **Problems Diagnosis** where it has been **extended**.


Malignant tumour of prostate
Mild



Diagnosis Detail

Edit   Withdraw

Diagnosis
Malignant tumour of prostate

Data Source(s)
PPM+

Patient Informed
Yes

Diagnosis
Recurrence

Morphology
Small cell carcinoma

Record Metastases
Yes

Metastatic Type
Local

Metastatic Site
Liver

Add Staging Systems
Yes

Staging Systems Label
<p>If using TNM staging, please select TNM staging first and then add second staging where relevant. (if TNM staging not used then add relevant staging here)</p>

Staging Timing
Pre-Treatment

When the **Diagnosis** has been extended, click anywhere in the **Problems/Diagnosis** entry in the **dashboard** to **view, edit or withdraw** the information.

# Viewing a Diagnosis' Timeline in PPM+

Click on the **3 dots** next to the **Problem/Diagnosis** and then click on **Launch Timeline.** You can have a look back at when the **Problem/Diagnosis was created and added to the patient's PPM+ Diagnosis tab and all interactions from that date (e.g. withdrawn and edited).**
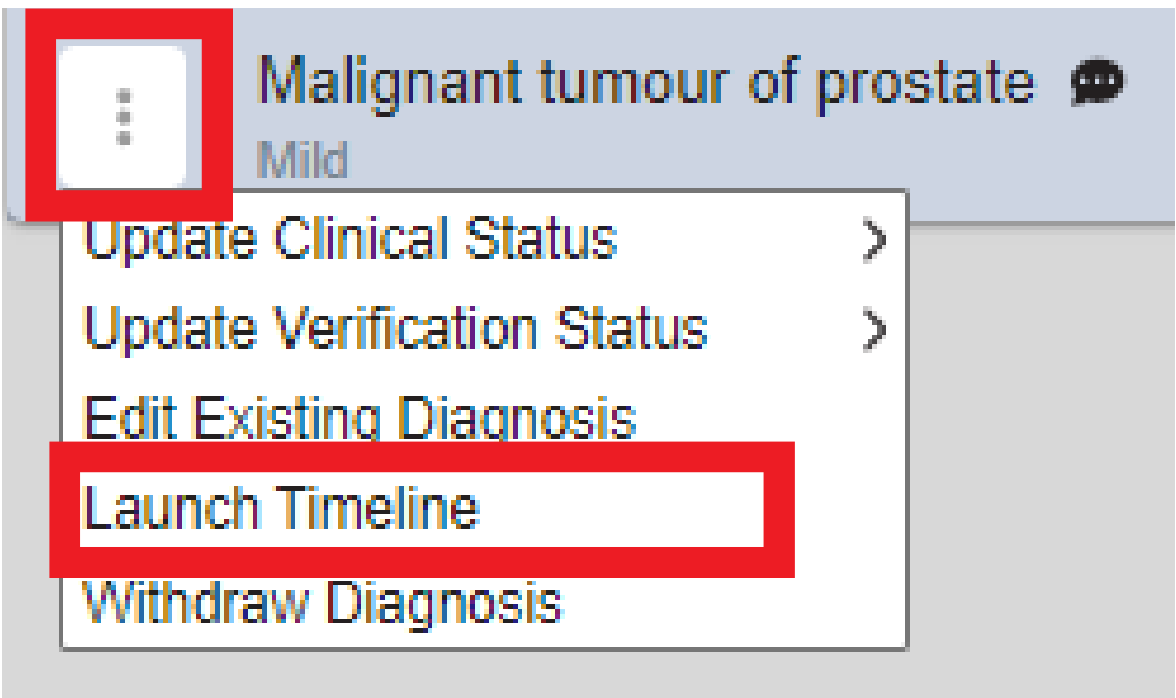


Here is an example of a Timeline of a Problem/Diagnosis. Click on **View** on one of the entries to view it in more detail.
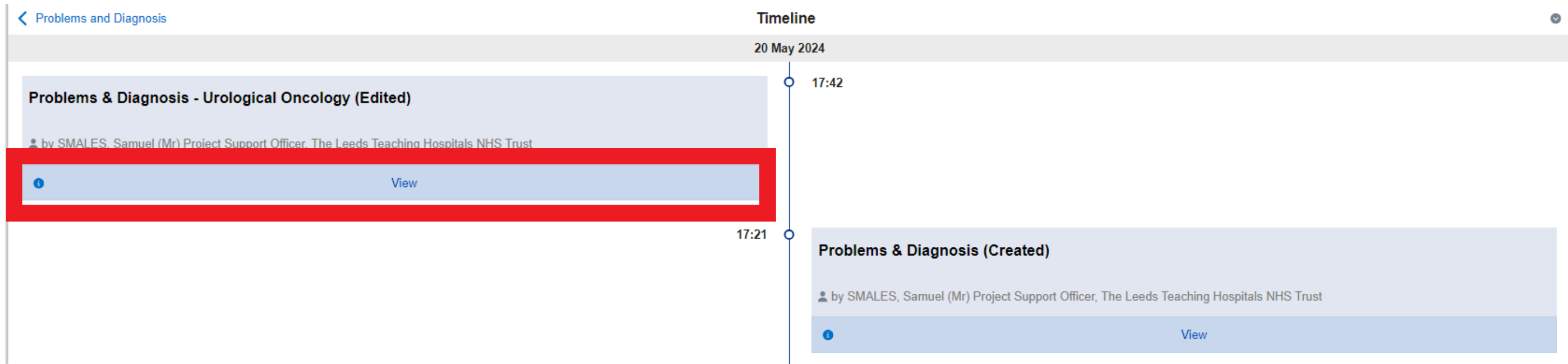
This is how the **Timeline displays** when you click on **View** on one of the entries.



Click on **Problems and Diagnosis** to go back to the Problem/Diagnosis Dashboard for your Patient.

# Useful Contacts

## Implementation Team

Please contact the **Implementation Team** for Digital support relating to **Diagnosis** within PPM.

✉ leedsth-tr.ImplementationTeam@nhs.net

## IT Service Desk

Please contact your **Local IT Service Desk** to:
- Reset your password.
- Request new user accounts for PPM+.
- Disable PPM+ accounts for any leavers from your department.

🌐 **PPM+ Help Site: https://www.ppmsupport.leedsth.nhs.uk/**