

# Better informed means better care

Dorset Care Record brings all your health details together so medical and social care staff can give you the best possible care

# Viewing externally and internally added problems in the Problem List tab in the DCR



For more information please visit: **news.dorsetcouncil.gov.uk/dcr-staff-area** 

### **Objectives & Contents**



This user guide will help you to



Find a person's **Problem List tab** and the **Allergies/Adverse Reactions**, **Alerts** and **Diagnosis** information it contains.



**Understand** the additional **Allergies/Adverse Reactions** and **Alerts** information available in the DCR on the **Summary tab** and **Medications Viewer tab**.



**Understand** the information displayed for problems from **external sources** and **internally added problems**.

#### **Contents**

Section One: Problem List Tab

2. Section Two: External Sources

Section Three: Internal Sources



01

## Section One: Problem List Tab

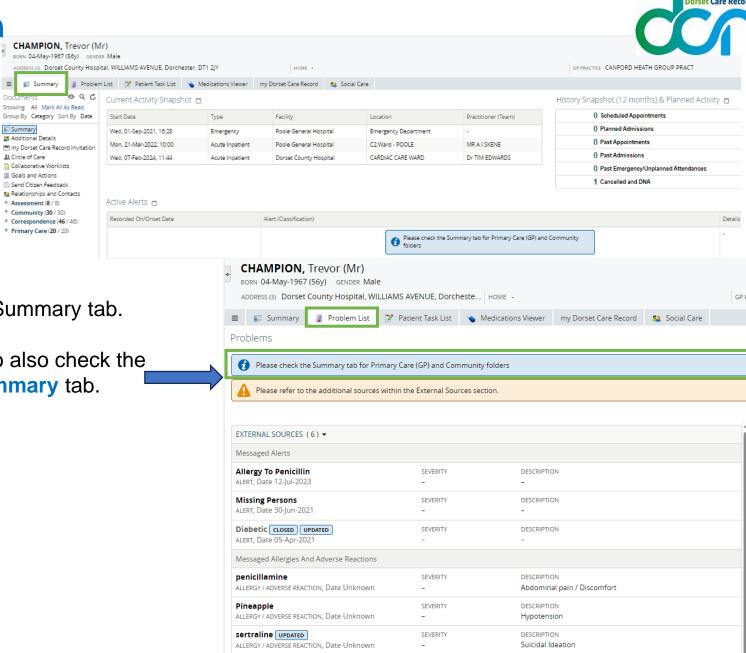
- 1. Problem List tab: Location
- 2. Problem List tab: Information it contains
- 3. Brief recap of where in the DCR you can find Alerts, Allergies/Adverse Reactions and Diagnosis (in addition to the Problem List tab)

1. Problem List tab: Location

When you access a patient's DCR record, this opens on the **Summary tab**.

Problem List is the next tab along from the Summary tab.

The Problem List tab includes a notification to also check the **Primary and Community folders** in the **Summary** tab.



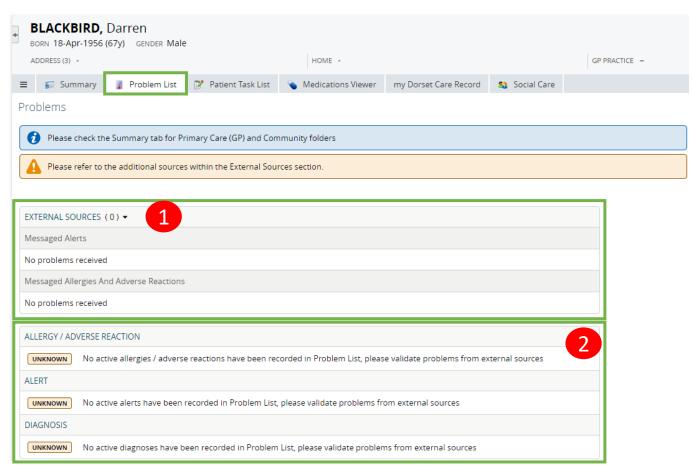
#### 2. Problem List tab: Information it contains



- 1 Externally added problems, including
  - 1. Externally messaged alerts, and
  - 2. Externally messaged allergies and adverse reactions.
- Internally added problems, including
  - 1. Allergies/Adverse Reactions,
  - 2. Alerts and
  - 3. Diagnosis (Medical and Diabetes).

#### Note

Sometimes there may not be any issues to show, as shown in the screenshot to the right. Patients can have no problems of a specific type or no problems at all. If a patient has no problems, the default state is an empty list that states for each category no problems received or recorded.



## 3. Brief recap of where in the DCR you can find Alerts, Allergies/Adverse Reactions and Diagnosis - Please note same information may be displayed in multiple places for ease of use

Alerts from DC, BCP, DCH, DHC, GPs, Community Substance Misuse Services



 The Person Demographics Banner at the top of the patient's record will display one of the following badges to tell you if there are any Alerts in the Problem List tab from Dorset County Hospital, Dorset Council and from the Summer of 2024 from the Community Substance Misuse Services (Reach in Dorset and With You in BCP):

KNOWN ALERTS

**ALERTS NOT RECORDED** 

**NO KNOWN ALERTS** 

The badge will remain visible in the patient banner as you navigate between the tabs.

- 2. For more information, go to the **Problem List** tab directly or
  - · Click on the badge to expand the banner
  - Click on more...
  - Click on Go to Full Summary and it will take you to the Problem List Tab.
- 3. Summary tab
  - on the front screen (showing Active Alerts and All Alerts when maximised) - same data as on the Problem List tab.
  - under Community (Problems and Issues) Alerts data from Dorset HealthCare
  - under Primary Care (Problems and Issues) Alerts data from NHS Dorset/GPs.
- Social care tab with alerts from social care settings DC and BCP.

Allergies and Adverse Reactions from DCH, UHD, GPs



The following tabs display the same Allergies and Adverse Reactions data from the acute hospitals (Dorset County Hospital and University Hospitals Dorset) for ease of use.

- 1. Summary tab on the front screen (which can be maximised for more info).
- 2. Problem List Tab
- 3. Medications Viewer Tab

#### Please note

- From DCH, the DCR only receives a summary of the allergies and adverse reactions when a patient is discharged from an inpatient stay so there may be some information available in the DCH source system but not in the DCR.
- The DCR may display conflicting allergy information, where information from one partner's system differs to another's.
- The DCR cannot differentiate between an allergy and an intolerance. The reaction should provide additional information.
- The list of displayed allergy and intolerances could include drug, non-drug (e.g. latex) and food, but it is not possible to list or group by these types.

**In addition**, there is Allergies and Adverse Reactions data from NHS Dorset/GPs on

**4. Summary** tab under **Primary Care** (Allergies & Adverse Reactions).

#### Diagnosis

Only appears in the DCR on the **Problem List** tab (Oct 2023).

Once a Diagnosis is entered e.g. a Diabetes diagnosis, the patient can be enrolled on a pathway if there is one available e.g. the Diabetes Pathway.

02

## Section Two: External Sources

- 1. How the Information is Displayed and Sorted
- 2. Closed External Problems
- 3. Dismissed External Problems

#### 1. Problem List tab: External Sources – Display and Sorting



The **External Sources** area displays problems recorded within the Partners' systems and fed through to the DCR.

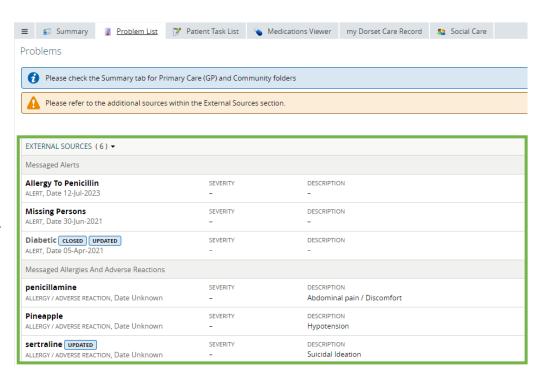
The External Sources data is provided by the (messaged) Alerts and Allergies/Adverse Reactions feeds that come into the DCR from the Partner systems (e.g. PAS, Mosaic, PCS, JAC etc.).

The externally sourced problems are displayed as *read-only*. The data cannot be changed, and a new external problem cannot be added from the DCR.

An external problem can only be added via the Partner system.

The table heading external sources (i.e. in our example that's 6).

You can select the arrow icon in the table heading to the right of the brackets to collapse or expand the external problem table.





External problems are sorted by their properties in the following order:

- Dismissal status Undismissed above dismissed
- Closed status Open above closed
- 3. Criticality In the order High Risk, Unknown, (No value), Low Risk
- 4. Severity In the order Severe, Unknown, Nil, Non-severe
- 5. Alphabetical

External problems display the severity of the problem and a description.

They also display various badges as appropriate, including

- Dismissed by staff from within the DCR
- Closed by staff from the Partner organisation within the source system
- Updated by staff from within the DCR.

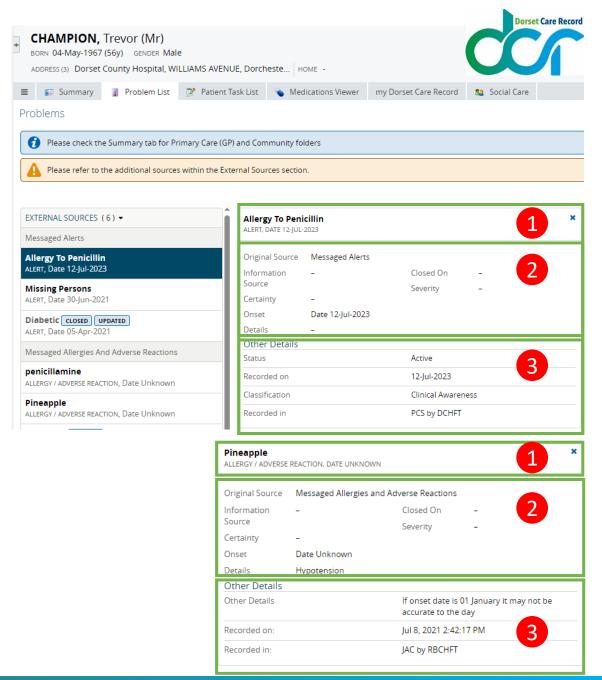
These badges are explained over the next slides.

EXTERNAL SOURCES (6) ▼		
Messaged Alerts		
Allergy To Penicillin ALERT, Date 12-Jul-2023	SEVERITY -	DESCRIPTION -
Diabetic CLOSED UPDATED  ALERT, Date 05-Apr-2021	SEVERITY -	DESCRIPTION -
Messaged Allergies And Adverse Reactions		
penicillamine ALLERGY / ADVERSE REACTION, Date Unknown	SEVERITY -	DESCRIPTION Abdominal pai
Pineapple ALLERGY / ADVERSE REACTION, Date Unknown	SEVERITY -	DESCRIPTION Hypotension

To view information about a patient's problem, select the problem in the patient's list, and the problem data will be displayed in a panel to the right.

The information captured includes:

- Header Shows the name of the problem, the problem type (as categorised by the external problem source), and the problem onset.
- Common details Shows information fields that are common to all problem types from all external problem sources.
- Other details Shows information fields that are specific to individual external problem sources.



#### 2. Closed External Problems and their Badge



An external alert will display the **Closed badge** in the **Problem List tab** if the status of the external alert has been marked as **Inactive** externally, for example at Dorset County Hospital or Dorset Council.

The Alert will show the **Inactive** badge in the **Summary tab** in the DCR, and the **Closed badge** in the **Problem List tab**.

For example, please see the Diabetic alert example in the screenshots below where it has an Inactive status in the Alerts windowlet on the Summary tab, and it is showing a Closed badge in the Problem List tab.

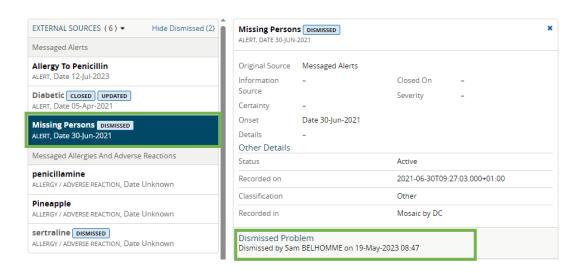






Dismissed problems are problems manually dismissed in the **Problem List tab** in the DCR by staff with the relevant access to that functionality.

An Alert or Allergy/Adverse Reaction that has been dismissed will show a blue **DISMISSED** badge, and clicking on it will show who's dismissed it and when.



#### **How to View and Hide Dismissed External Problems**



Show Dismissed (2)

You can view dismissed records by selecting **Show Dismissed** at the top of the list.

click on Hide Dismissed.

Pineapple
ALLERGY/ADVERSE REACTION, Date Unknown

SEVERITY
DESCRIPTION
Hypotension

EXTERNAL SOURCES (6) ▼

Messaged Alerts

EXTERNAL SOURCES (6) ▼			Hide Dismissed (2)
Messaged Alerts			
Allergy To Penicillin ALERT, Date 12-Jul-2023	SEVERITY -	DESCRIPTION -	
Diabetic CLOSED UPDATED  ALERT, Date 05-Apr-2021	SEVERITY -	DESCRIPTION –	
Missing Persons DISMISSED ALERT, Date 30-Jun-2021	SEVERITY -	DESCRIPTION –	
Messaged Allergies And Adverse Reactions			
penicillamine ALLERGY / ADVERSE REACTION, Date Unknown	SEVERITY -	DESCRIPTION Abdominal pain / Discomfort	
Pineapple ALLERGY / ADVERSE REACTION, Date Unknown	SEVERITY -	DESCRIPTION Hypotension	
Sertraline DISMISSED ALLERGY / ADVERSE REACTION, Date Unknown	SEVERITY -	DESCRIPTION Suicidal Ideation	

SEVERITY

SEVERITY

SEVERITY

DESCRIPTION

DESCRIPTION

DESCRIPTION

Abdominal pain / Discomfort

EXTERNAL SOURCES (6) ▼

Messaged Alerts

Allergy To Penicillin

ALERT, Date 12-Jul-2023

Diabetic CLOSED UPDATED

ALERT, Date 05-Apr-2021

penicillamine

Messaged Allergies And Adverse Reactions

ALLERGY / ADVERSE REACTION, Date Unknown

#### **Dismissed External Alerts ~ Active Alerts**



Please note that although dismissed, **Alerts** will still show as **Active** in the expanded view of the **Alerts** windowlet on the **Summary tab** until they are closed by the originating Partner on their system.

For example, please see the Missing Person alert example in the screenshots below. It is showing as Dismissed on the Problem List tab but Active on the Summary tab (until closed by the Partner in their system).



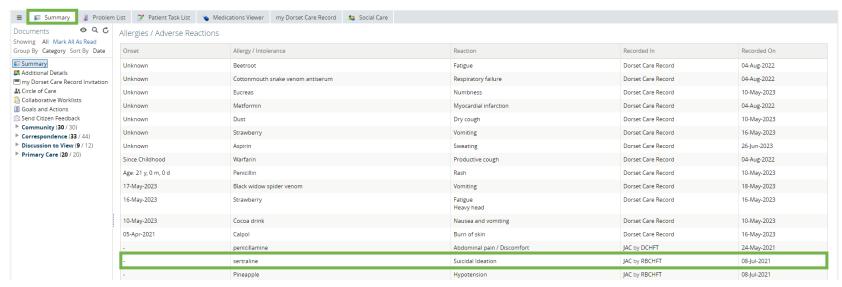
#### Dismissed External Allergies/Adverse Reactions= Please confirm status

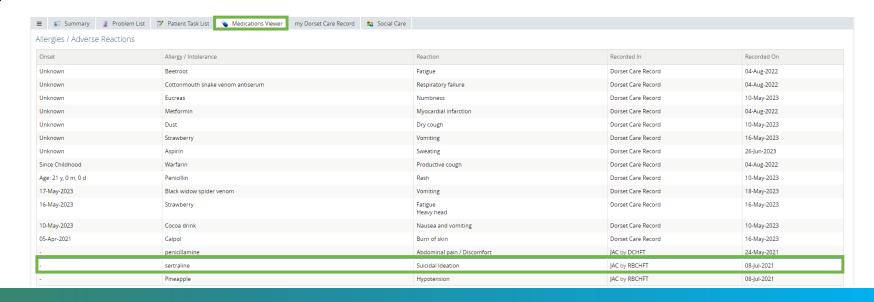


Please note that although dismissed, Allergies/Adverse Reactions have no status provided on the Summary or Medications Viewer tabs. This means that it is not clear whether these allergies/adverse reactions are active or inactive, and you need to confirm the status of that allergy with the patient.

Please see the example screenshots featuring Sertraline.







### Section Three: Internal Sources

- 1. How Information is Displayed
- 2. New Internal Problem from Reconciled External Problem: How It Displays in the Problem List and other tabs in the DCR
- 3. How to Add a Comment to an Internal Problem
- 4. Closed Internal Problems

#### 1. Problem List tab: Internal Sources

The **Internal Sources** area displays the manually created problems within the DCR by the staff with relevant access to add a problem functionality. Staff with the relevant access can add in a new problem or reconcile an external problem as a new problem.

Please note that when a new internal problem is a reconciled external problem, there are changes that occur under the external problems and internal problems areas, as explained in the next slides.

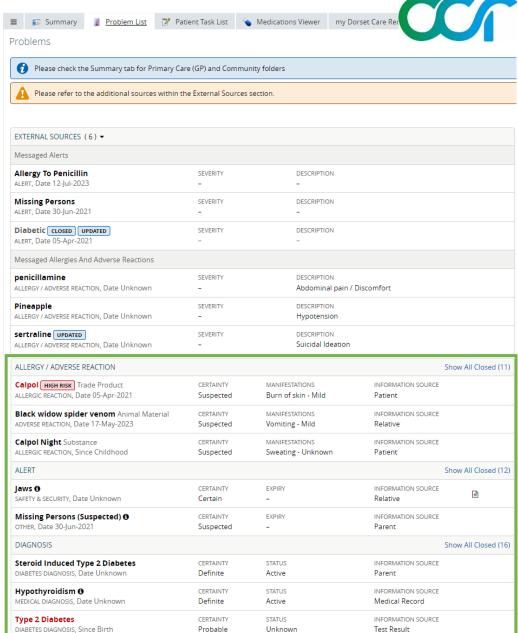
The internal sources area displays the following summary information for the internally-added problems:

- the source/information provider,
- the level of certainty present and
- the way in which the problem manifests itself.

Where details have been added in for a problem, whether that is an allergy or adverse reaction, alert or diagnosis, the **Details icon ■** is displayed.

When you hover over the **Details icon**, the Details pop-over panel is displayed.





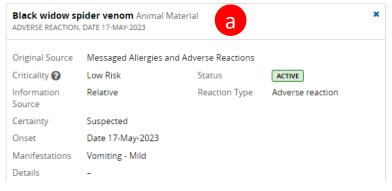
#### The Allergy/Adverse Reaction Display depends on Criticality and Manifestation



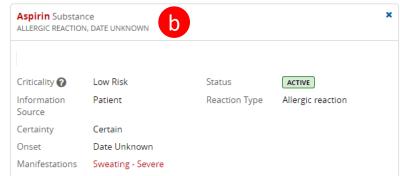
The display of the Allergy/Adverse Reaction recorded vary depending on the values attributed to the Criticality/Risk to the patient and the severity of the **Manifestation**.

- If the allergy/adverse reaction has a Low Risk criticality, then:
   the allergy/adverse reaction name will show in black.
- If the allergy/adverse reaction has a Low Risk criticality and a Manifestation that is either Moderate-Severe or Fatal:
  - the name of the allergy/adverse reaction name will be in **red** instead of **black**.
- If the allergy/adverse reaction has a **High Risk** criticality, then:
  - the allergy/adverse reaction name will show in red instead of black and
  - there will also be a **HIGH RISK** badge next to the allergy/adverse reaction name.

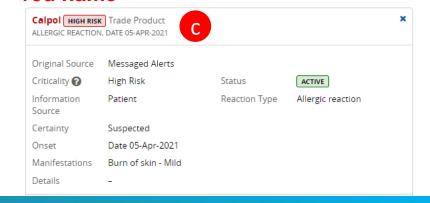
#### Low Risk, Mild Manifestation example with black name



Low Risk criticality, Severe manifestation example with red name



High Risk criticality, Mild manifestation example with **HIGH RISK** badge and red name



#### The Diagnosis Status indicates the following:

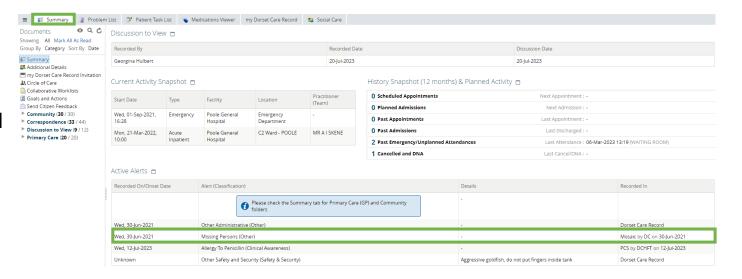


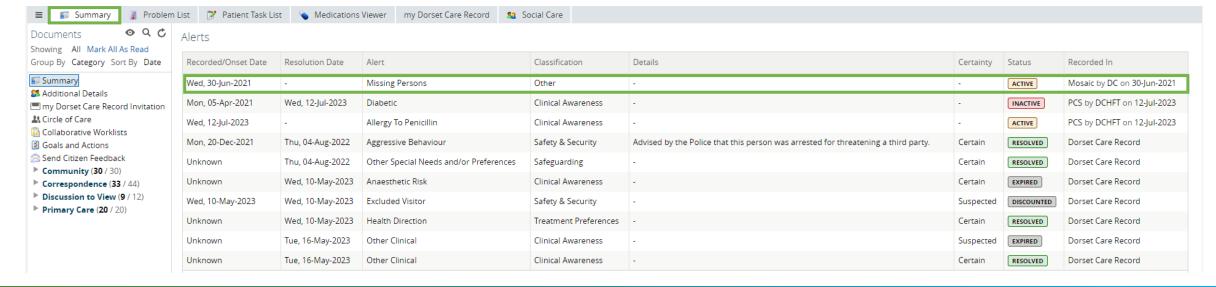
- Active diagnoses are clinically active or symptomatic in the patient.
  - Most acute diagnoses are considered active, such as pneumonia, a fractured hip or bowel obstruction.
  - These diagnoses are active until the patient is cured, and then they can be closed.
  - If the patient cannot be cured because they have a chronic problem (such as diabetes, hypertension or hypercholesterolemia), it is controlled usually with medications or lifestyle changes.
  - Problem List does not currently support the concept of controlled problems. In lieu of this, the Inactive state and comments about how the symptoms are being controlled are being used.
- The Inactive status supports diagnoses that have quiescent phases, such as gout, lupus and psoriasis.
  - These problems are usually incurable, so they are never closed.
  - When Inactive is selected, a date is also provided.
- The Unknown status is shown where the status of the diagnosis is not yet known.

# 2. New internal problem from reconciled external problem 2.1 External sources display



When a new internal problem is a reconciled external problem, the external problem will disappear from the live view under **External Sources.** However, please note the problem will still show in the Summary tab or Medications Viewer tab until it is closed by the originating Partner in their system.

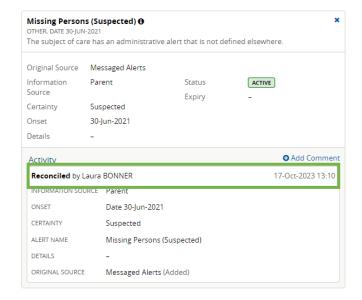








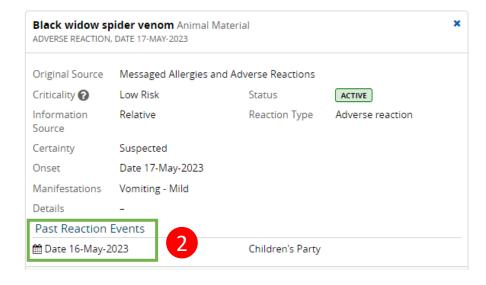
- The external problem will no longer show in the External Sources, but instead show under the Internally added problems area in the relevant Allergy/Adverse Reaction, Alert or Diagnosis problem area, depending on the type of problem selected at the reconciliation stage.
- On opening the newly reconciled internal problem, this will show under **Activity** that it was reconciled, by whom and the date and time.

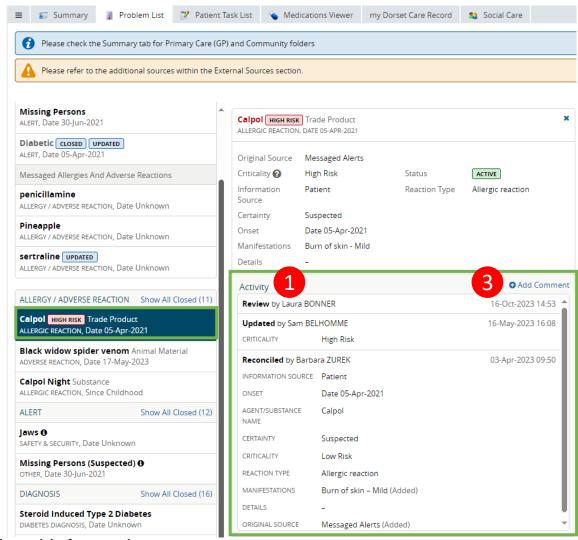


#### 3. The Activity Section & The ability to Add a Comment



- The **Activity** section displays a summary of the changes made to the internally added problem i.e. reconciled, reviewed, updated, closed, reopened. The **Activity** section lists the history from most recent at the top.
- 2 For an Allergy/Adverse Reaction, where an event has been added, a Past Reaction Events record will also show alongside the activity recorded.





You can add comments in the Activity section to provide additional information about a problem that cannot be captured elsewhere. Please see next slide.

#### How to Add a Comment to an Internal Problem

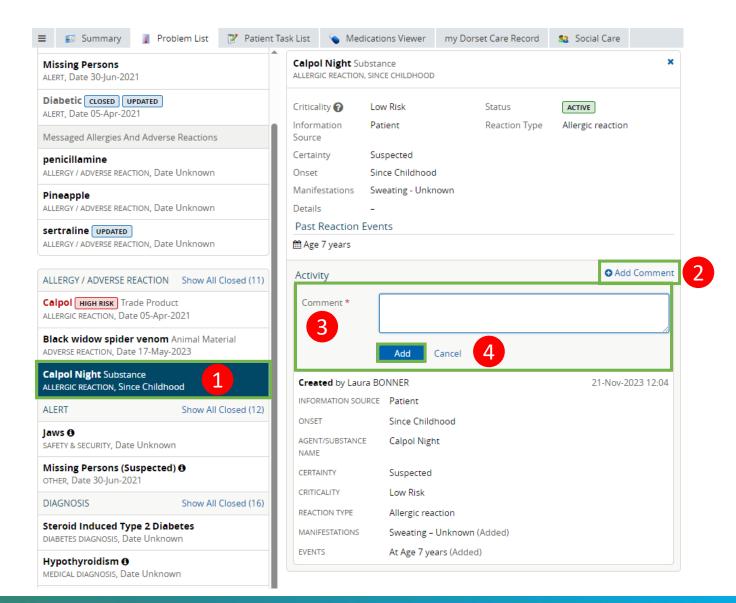


- Click on the problem.
- Click on Add Comment at the top of the Activity section and to the right.

- A free text **Comment** box appears that requires you to input your comments. The box had a 500 character limit.
- Click on Add. The Activity section will now display the comment.

#### Note

Please note that once a comment has been added, you will not be able to edit it or delete it.



#### 4. Closed Internal Problems



The Problem List tab displays the Active internal problems, but it also shows if there are closed problems.

Each alert, allergy or diagnosis section heading displays a **Show All Closed (number)** link to indicate that the patient has one or more (number) closed problems. You can display both the active and closed problems by selecting the **Show All Closed** link. Please note that some problems may be significant to a patient's care even when closed. If a problem is kept visible in the list after it's been closed, it means that it's been pinned so that it is always displayed in the patient's problem list, even after it is closed.

ALLERGY / ADVERSE REACTION				Show All Closed (11)
Calpol HIGH RISK Trade Product ALLERGIC REACTION, Date 05-Apr-2021	CERTAINTY Suspected	MANIFESTATIONS Burn of skin - Mild	INFORMATION SOURCE Patient	
<b>Black widow spider venom</b> Animal Material ADVERSE REACTION, Date 17-May-2023	CERTAINTY Suspected	MANIFESTATIONS Vomiting - Mild	INFORMATION SOURCE Relative	
Calpol Night Substance ALLERGIC REACTION, Since Childhood	CERTAINTY Suspected	MANIFESTATIONS Sweating - Unknown	INFORMATION SOURCE Patient	
ALERT				Show All Closed (12)
Jaws <b>⊕</b> SAFETY & SECURITY, Date Unknown	CERTAINTY Certain	EXPIRY -	INFORMATION SOURCE Relative	iii)
Missing Persons (Suspected) <b>❸</b> OTHER, Date 30-Jun-2021	CERTAINTY Suspected	EXPIRY -	INFORMATION SOURCE Parent	
DIAGNOSIS				Show All Closed (16)
Steroid Induced Type 2 Diabetes DIABETES DIAGNOSIS, Date Unknown	CERTAINTY Definite	STATUS Active	INFORMATION SOURCE Parent	
Hypothyroidism <b> </b>	CERTAINTY Definite	STATUS Active	INFORMATION SOURCE Medical Record	
Type 2 Diabetes DIABETES DIAGNOSIS, Since Birth	CERTAINTY Probable	status Unknown	INFORMATION SOURCE Test Result	

#### **View Closed Problems**



Child Protection Order CLOSED

Edit ▼

Certain

Closed by Sam BELHOMME

Created by Theresa BARTON

REASON CLOSED

ONSET

CERTAINTY

ALERT NAME

06-Dec-2021

INFORMATION SOURCE Healthcare Professional

the family home. Social Worker is Joe Bloggs.

The subject of care is currently subject to a Child Protection Order

Healthcare Professional

Date 18-May-2023

Date 06-Dec-2021

Child Protection Order

Expiry

Child is on a Child Protection Plan due to neglect and substance misuse in

RESOLVED

Add Commer

18-May-2023 16:12

21-Dec-2021 10:28

LEGAL, DATE 06-DEC-2021

Review

Information

Source

Certainty

Onset

Details

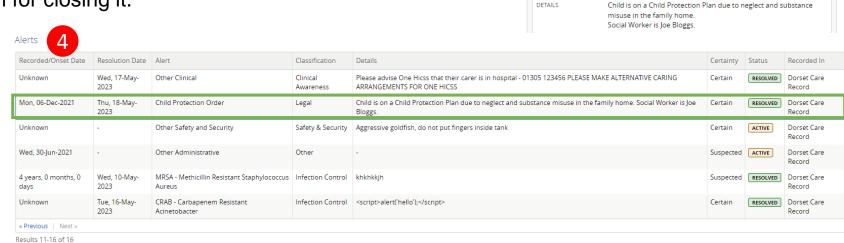


The example screenshot to the right shows a closed alert, but the same applies for a closed allergy or diagnosis.

The closed problem displays a Closed badge.

The **Status** reflects the reason for closing the problem.

- Look under the Activity section to see who's closed the problem, the date and time it was closed, as well as the reason for closing it.
- In the Alerts windowlet in the Summary tab, it will show under Status the reason for which it was closed i.e. Resolved.





#### Access further **support and information** from



https://news.dorsetcouncil.gov.uk/dcr-staff-area/learning-resources/

## Disclaimer

The screenshots in this training guide are taken from a test system and as such may vary slightly to the live DCR system.

Screenshots in this training guide do not contain any real patient data.

Data provided by source systems is read-only in DCR. There are various level of restrictions and sensitivities being applied within the Partner's systems, and the DCR respects and displays the data as provided by the Partners.

The information contained within the NHS Dorset system (the Spine) is the overriding system for updating demographics.