

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

Pathology in the DCR

Find, Sort, Group & Filter Pathology Reports



For more information please visit:

news.dorsetcouncil.gov.uk/dcr-staff-area

Objectives



This user guide will help you to



Find pathology reports



Search for a report by key word



Sort and group reports



Use new tools and formats to view reports



Filter reports to show only those within a specific date range

This information in the DCR will be particularly beneficial to senior clinicians, GPs, nurses and pharmacists and will provide much easier access to results and reports performed across the county.

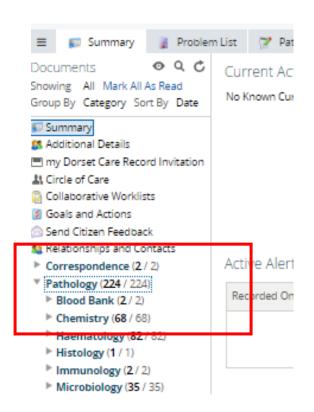






Pathology content is being added to the DCR from **Dorset County Hospital** and **University Hospitals Dorset**.

Pathology sits under the Clinical Document Viewer on the left side of the Person Summary.



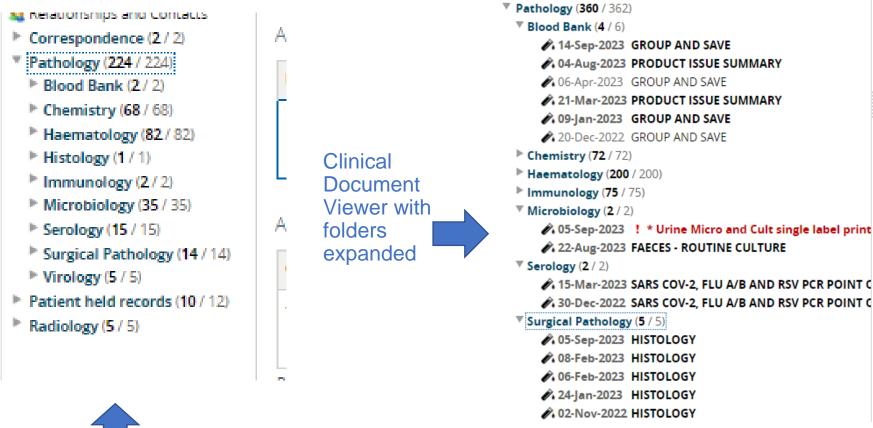
Note

Pathology will only show for those records that have pathology content to show.





The content shown under Pathology, referred to as **reports**, are grouped into folders. Clicking a folder's title opens (or closes) the folder, revealing (or hiding) its contents.









You can widen the area of the CDV on the screen to show more details.



To widen the area, click on the dividing line with your mouse, hold down the mouse key and drag the cursor across to the right of the screen.

Viewing Reports



The default sorting of pathology reports is by date/time of examination, descending, with the most recent being displayed at the top.

You can choose alternative ways of viewing the list of reports. For example, you can:

Change the order - by title, date or author

View reports by category type

Show only reports within a specified date range

Note

Any changes applied to the grouping and/or sorting are only valid for that particular viewing session with that person record.

Selecting a new record to view will restore the default grouping and sorting.



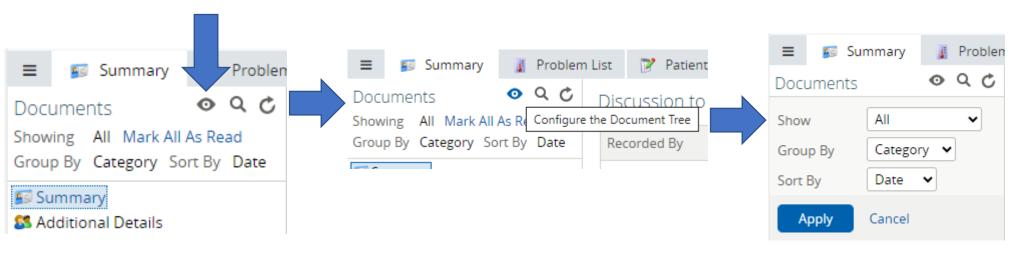


The section above the CDV shows the current grouping and sorting applied and allows users to modify the display and search for particular reports.





Before you can change the view of the CDV you must first click on the "Configure" icon (hovering over this will show "Configure the Document tree")

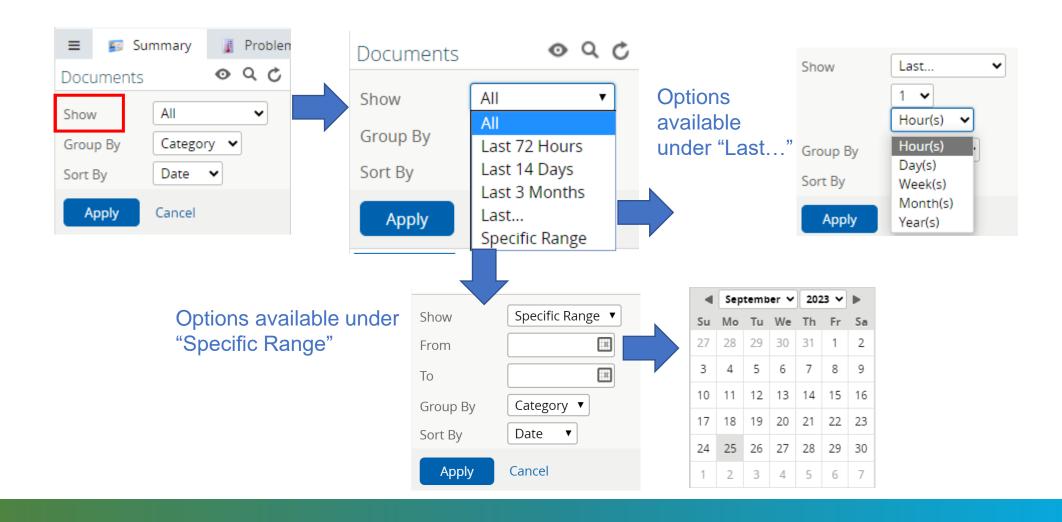


These options are explored over the next few pages.



Viewing Reports: Show

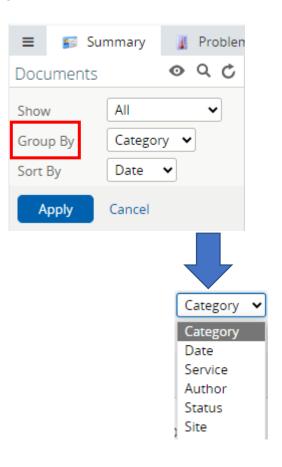
The "Show" function allows you to show reports over a set period of time.



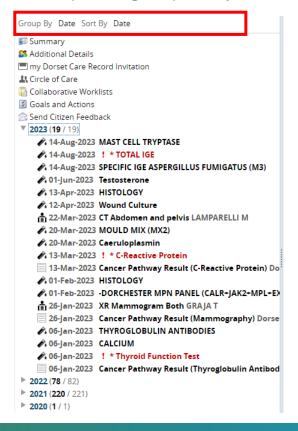




The "Group By" function allows you to change how this information is viewed using grouping to show by date, category, service or author.



Example of grouped by Date



Example of grouped by Service

```
Group By Service Sort By Date
Summary Summary
Additional Details
my Dorset Care Record Invitation
At Circle of Care
Collaborative Worklists

☑ Goals and Actions

Send Citizen Feedback
Lab - 5-floroceracil tox screen (1 / 1)
▶ Lab - AFP (2 / 2)
► Lab - Albumin (1 / 1)
Lab - ALBUMIN CREATININE RATIO (4 / 4)
► Lab - ALP (1 / 1)
Lab - ANTIBACTERIAL ACTIVITY (2 / 2)
Lab - APOLIPOPROTEIN A1 (1 / 1)
Lab - APOLIPOPROTEIN B (1 / 1)
► Lab - BETA HCG (2 / 2)
Lab - Bilirubin (1 / 1)
► Lab - BLOOD CULTURE ADULT (4 / 4)
Lab - BLOOD FILM (REPORT) (3 / 3)
Lab - BONE MARROW ASPIRATE (2 / 2)
Lab - BONE PROFILE (2 / 2)
Lab - C.difficile toxin test (1 / 1)
Lab - CA125 (3 / 3)
Lab - CA 15-3 (1 / 1)
Lab - CA 19-9 (1 / 1)
Lab - Caeruloplasmin (1 / 1)
► Lab - CALCIUM (3 / 3)
► Lab - CARCINOEMBRYONIC ANTIGEN (ABBOTT) (4 / 4)
► Lab - CEA (5 / 5)
Lab - CHLAMYDIA/GC COMBINED COBAS (2 / 2)
Lab - COAGULATION SCREEN (9 / 9)
```





The "Sort By" function allows you to list reports in a group by order, by date, title or author.

≡	<u>•</u> 5	Summary	, i	Pro	blen	
Documents			0	Q	Ċ	
Show	1	All		~		
Grou	р Ву	Catego	ry 🗸			
Sort	Ву	Date	~			Date 🕶
A	pply	Cancel				Date Title
						Author





You can hover over any report in the CDV to see a report summary as shown in the image below.



"Collected" refers to the date/time when this activity was performed. This duplicates data in the "Date" field above where the **time element** cannot be displayed.

"Performed at" – this is the Trust that issued the report (DCH or UHD).

Image of hovering over report

Viewing Reports: Open



You can open a report fully to show further information by clicking on it within the list of reports in the CDV.





Beneath the report header there is a space where the body of the report is displayed as a block of text. Any formatting or subheaders come from the source system and not controlled by the DCR; the text is displayed as received.

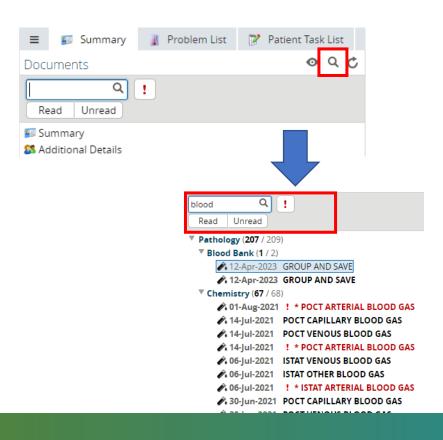
Example image of open (clicked on) report





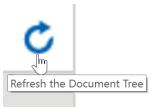
If you are looking for specific information you can use the search tool to look for key words within a report title.

First click on the search icon then type your chosen word in the search bar. Results should show automatically, or you can press the enter key.



Note

To clear search results and restore the view back to the defaults click the refresh icon (located next to the search icon).



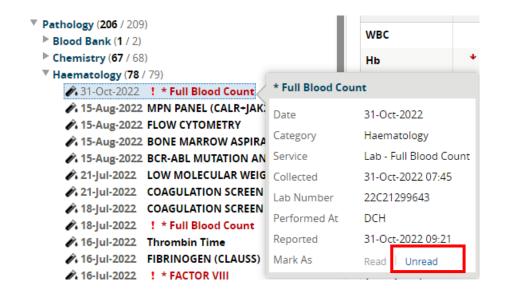
Marking Reports as Unread



Reports grouped into folders show a count indicating the number of reports it contains.

Any reports you have not opened will display in bold. Clicking on a report will open it and will change the document title in the CDV to no longer show in bold text.

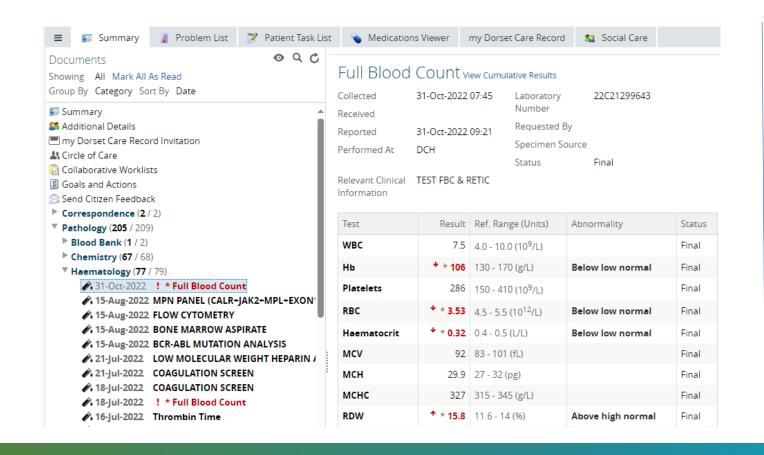
If you wish to make a report appear as unread, hover over the report then click on the word **Unread** in the pop-up window.

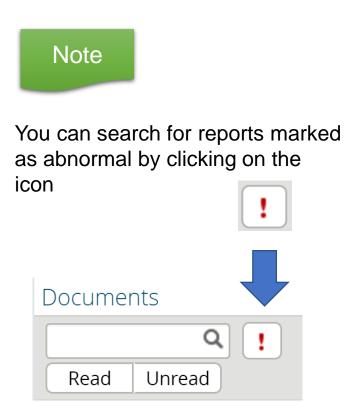


Abnormal Results



Reports that contain results outside of normal ranges are referred to as Abnormal Results (as flagged in the source system). These are easily identified in the CDV shown in bold, red font, as shown in the example below:

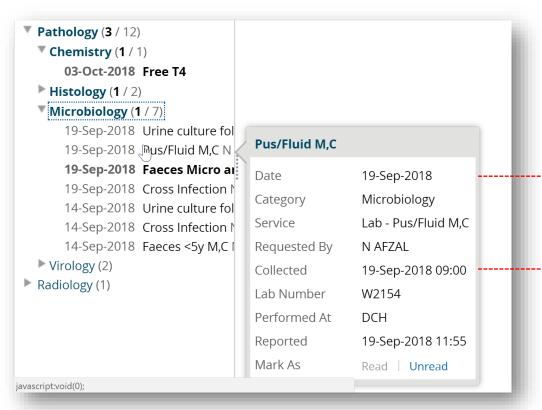








More information on Pathology reports can be viewed either by hovering over a report in the CDV, which shows a limited summary as shown below, or by clicking on it to open the report.



Date: this is the date the sample was requested.

Collected: this is the date/time the sample was collected. This duplicates data in the "Date" field above where the time element cannot be displayed.

Image of hovering over report





Reports can be displayed using one of two available styles depending on whether the content is numeric or textual.

Numeric

Reports from blood sciences (Biochemistry, Haematology, Immunology etc.)

Textual

Reports from Microbiology or Cellular Pathology

Numeric Pathology Report



Numeric reports will open, by default, in the single report view:

Phosphate Excretion View Cumulative Results

24-Oct-2022 07:30 22B00001517 Laboratory Number Received Requested By 22-Nov-2022 09:39 Reported Specimen Source Performed At DCH Status Final

Relevant Clinical TESTING

Information

Collected

Test	Result	Ref. Range (Units)	Abnormality	Status
Total Protein	65	64 - 83 (g/L)		Final
Albumin	36	35 - 52 (g/L)		Final
IgG	7.10	7.0 - 16.0 (g/L)		Final
IgA	0.72	0.70 - 4.00 (g/L)		Final
IgM	2.29	0.40 - 2.30 (g/L)		Final
Urine Phosphate excretion	Known IgA	lambda paraprotein		Final
Paraprotein concentration	^ * 25.0	<0 (g/L)	Above high normal	Final

* Abnormal ** Critically Abnormal ↑ High ↓ Low ? No Interpretation

Report History

Final Report from DCH 10 months ago ----- Further information

----- Header

----- Results – normally a numeric value but can be text where a numeric result has been replaced with a comment

----- Report History/ Flags / Comments

FSR View Cumulative Results

Collected	30-Apr-2024 10:30	Laboratory	24B00011265
Received	30-Apr-2024 10:30	Number	
Reported	30-Apr-2024 10:30	Requested By	UNKNOWN CLINICIAN
		Specimen Source	R Blood

Specimen Source B-Blood Performed At UHD.WINPATH

> Status Final

Relevant Clinical Anaemia Information

Test	Result	Ref. Range (Units)	Abnormality	Status
ESR	^a 10	0 - 30 (mm/h)		Final

^{**} Critically Abnormal ↑ High Low [?] No Interpretation

Report History

Final Report from UHD.WINPATH

3 weeks ago

a ESR results may be lower with Starrsed Method than historical readings analysed by the Alifax method. Clinicians should be cautious when comparing results obtained using different assays.

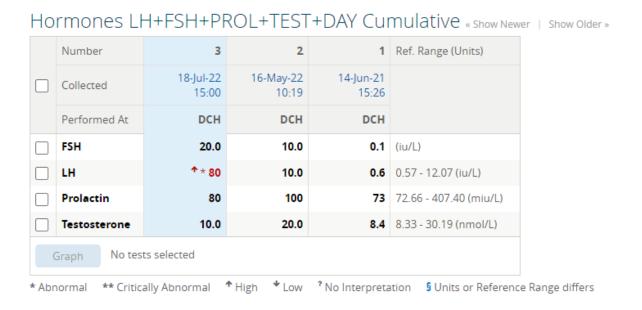
Cumulative Results



Numeric results (where the report code and namespace are identical) can be viewed as cumulative results. To access these, click on the **View Cumulative Results** link which appears next to the report name.



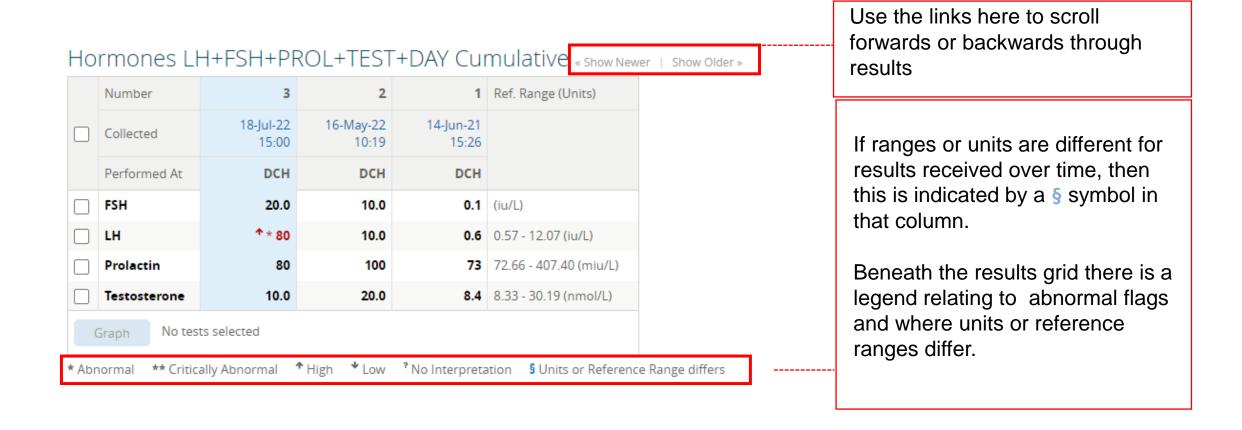
This view comprises a grid view where samples and results show in columns sorted in descending date of sample collection (left to right).



Cumulative Results



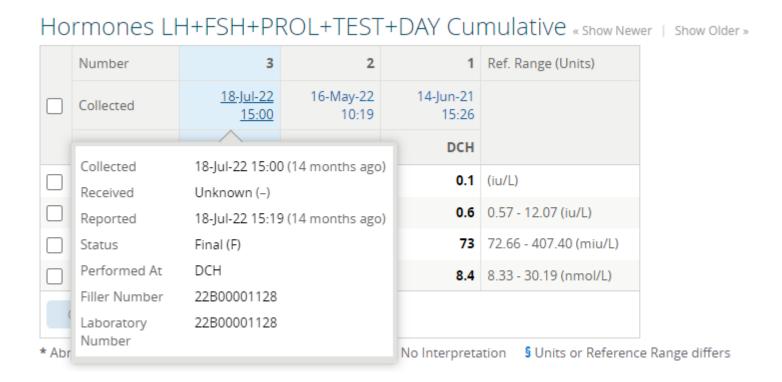
At the end of each row the column shows the reference range and units applicable to that test.







Within the cumulative view you can hover over the specimen date/time to display additional information:







Within the cumulative view you can hover over each individual result to view additional details:

Hormones LH+FSH+PROL+TEST+DAY Cumulative « Show Newer | Show Older » 1 Ref. Range (Units) Number 3 2 18-Jul-22 16-May-22 14-Jun-21 Collected 10:19 15:26 15:00 Performed At DCH DCH DCH **0.1** (iu/L) FSH 20.0 10.0 * * 80 LH 10.0 **0.6** 0.57 - 12.07 (iu/L) 73 72.66 - 407.40 (miu/L) LH 8.4 8.33 - 30.19 (nmol/L) 80 Above high normal 18-Jul-22 15:00 (14 months ago) Collected Reference Range 0.57 - 12.07 (iu/L) No Interpretation § Units or Reference Range differs Performed At DCH

Image showing Cumulative view result details hover-over

Graphical Cumulative Results



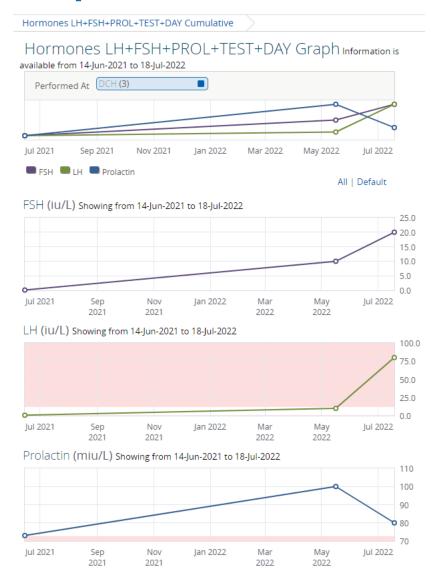
You can view cumulative results in a graph format.

First select the test by clicking in the tick box next to the test name, then click on the **Graph** button under the grid.

A single test or multiples can be selected to graph.

Hormones LH+FSH+PROL+TEST+DAY Cumulative « Show Newer | Show Older » 1 Ref. Range (Units) 3 2 Number 18-Jul-22 16-May-22 14-Jun-21 Collected 15:00 10:19 15:26 Performed At DCH DCH DCH FSH 20.0 10.0 **0.1** (iu/L) LH * * 80 **0.6** 0.57 - 12.07 (iu/L) 10.0 80 **73** 72.66 - 407.40 (miu/L) Prolactin 100 8.4 8.33 - 30.19 (nmol/L) Testosterone 10.0 20.0 3 tests selected Graph ** Critically Abnormal High **V** Low [?] No Interpretation § Units or Reference Range differs

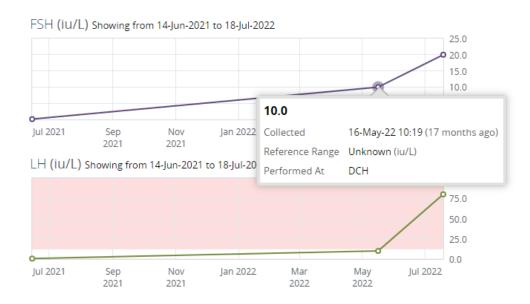
Graphical Results





The display shows any test selected as timeline graphs with samples along the x axis and results on the y axis.

Hovering over an individual result point gives more detail:



Textual Pathology Report



The image below shows an example of an open (clicked on) Textual Pathology report.

BLOOD CULTURE ADULT					
Collected	20-Jan-2023 07:30	Laboratory Number	23M22004445		
Received	201 20224025	Requested By			
Reported	20-Jan-2023 10:35	Specimen Source			
Performed At	DCH	Status	Final		
Relevant Clinical Information	test				
Aerobic bottle Growth detected	after 5 hrs incuba	tion		Final	
Anaerobic bottle Growth detected after 5 hrs incubation					
MRSA PCR NEGATIVE				Final	
Aerobic Gram film Gram positive cocci in clumps seen					
Culture Preliminary Pending					
Anaerobic Gram film Gram positive cocci in clumps seen					
Report History					
Final Report from DCH 8				8 months ago	

Image of open textual Pathology report

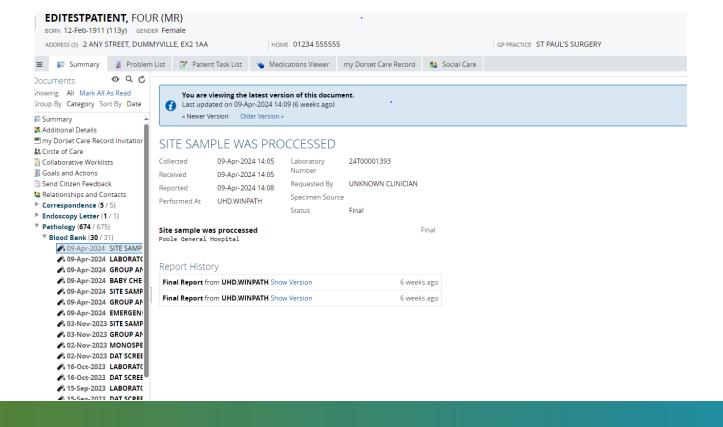
Report History

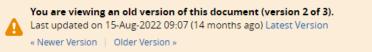
Final

Final

When a report is updated, either by being changed or having something added to it, a new version of the report is created; and the earlier report is consigned to version history.

You can navigate between versions of the report that are available to view. The newer version of the report is shown above the older one. Clicking on the older report will show that version with a warning.





INTEGRATED REPORT (F LAB SERIES)

15-Aug-2022 08:00 Collected Laboratory 22F00001154 Number Received Requested By 15-Aug-2022 09:07 Reported Specimen Source DCH Performed At Status Final Relevant Clinical TEST

Information

Note: Further report added:

-----Histology report------

No further report. Sample type Final bone marrow ****WHO Diagnosis & ICD-O-03 Classification**** Final 9963/3 - Chronic neutrophilic leukaemia. Assigned by: Final Dr F Jack (Consultant Haematologist)

Authorised by Final Dr J Chacko (Consultant Haematologist)

****Double Reported by**** Final Dr R Maddams (Consultant Haematologist)

Report History

RDKJHHGDKRSGGN

Final Report from DCH Show Version	14 months ago
Final Report from DCH Show Version	14 months ago
Final Report from DCH Show Version	14 months ago



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.