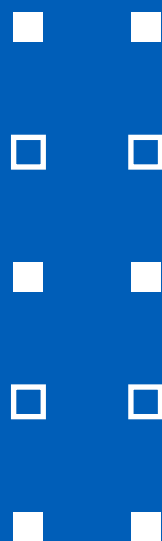


Handbook



HEP C ELIMINATION PROGRAMME

Hepatitis C (HCV) Patient Searches Identification (PSI) Toolkit

created by SE London & Kent HCV GP Champions

Primary Care Guide to:

- *Importing Hepatitis C - PSI Toolkit into the EMIS platform*
- *How to run HCV searches within the EMIS platform*
- *How to share with your Viral Hepatitis Operational Delivery Network (ODN)*

Introduction

The Hepatitis C Elimination Programme is a public health initiative aimed at eliminating Hepatitis C (HCV) as a major health concern in the UK. General Practitioners, with the support of GP Champions, play a crucial role in this programme by identifying and supporting patients who may be at risk or affected by Hepatitis C. Through proactive patient searches in EMIS (Egton Medical Information Systems), GPs can help ensure that high-risk individuals are offered testing, appropriate care, and treatment, supporting the goal of eliminating Hepatitis C by 2025.

Accurate Hepatitis C searches in EMIS are essential to identify patients who may be at risk of or diagnosed with Hepatitis C. By ensuring the right patients are found based on age, risk behaviours, blood test results, and previous diagnoses, GPs can offer timely interventions. This guide will walk you through each step of setting up these searches, ensuring that no patient is missed and that your GP practice contributes effectively to the Hepatitis C Elimination Programme.



DISCLAIMER

This document has been created as a guide to support the NHSE Hepatitis C Elimination Programme in Primary Care in SE London and Kent. They should be viewed as suggestions to assist surgeries in retrieving lists of patients lost to follow-up and those at risk for Hepatitis C. Any modifications to the suggested searches by the SE London and Kent ODN may impact on current Information Governance arrangements such as DPIA, DSA and MOUs. Therefore, any modifications should be carefully reviewed with your ODN and remain at the discretion of the individual surgery.

Introduction

This guide provides a step-by-step process for importing and running the Hepatitis C Patient Searches Identification toolkit into EMIS. For modifications to the search, please see the 'How to Modify a Search - EMIS' guide. Please note that any modifications should be under the guidance of your GP Champion/ODN as they may impact of current Informaiton Governance arrangements suchas DPIA, DSA and MOUs.

There are three searches your ODN will request you to run all these searches are located within the [Hepatitis C Elimination Programme](#) folder. Your ODN will send you this folder or you can locate it within the **Viral Hepatitis Elimination Programme Folder** on **FUTURES (www.future.nhs.net)**

The three searches in the [Hepatitis C Elimination folder](#) are titled:

- **“ALL PATIENTS WHO HAVE EVER BEEN HCV POSITIVE”**
- **“IN AT RISK GROUP AND NOT HEP C POSITIVE (FULL INFORMATION)”**.
- **“IN AT RISK GROUP AND NOT HEP C POSITIVE (TICK BOX ONLY)”**.

Key objectives of these searches are:

1. **Re-engaging patients with Hepatitis C** who have not completed treatment and ensuring they receive appropriate follow-up care.
2. **Identifying patients at-risk of Hepatitis C** within your practice population, so they can be tested and treated if necessary.

Brief Guide Steps:

1. **Download the zip file labelled Hepatitis C Elimination Programme onto your computer. Extract the individual files. Import each file (search) into EMIS individually one at a time: **This file is compatible only with EMIS system.****
2. **Run the Full Search:** Once imported, run the full search to retrieve the required data.
3. **Identify the following three patient list reports required (see image on page 7):**
 - **“HEP C CURRENTLY POSITIVE”**
 - **“HEP C AT RISK”**
 - **“HEP C AT RISK CODES”**

Important Notes:

- Ensure that each list includes contact details such as phone numbers and addresses.
- Once the searches are complete, **save the results as an Excel or CSV file.**

Sending the Results:

After saving the files, **securely email the three patient lists via your NHS.net email** to your local ODN nhs.net address.

Coding:

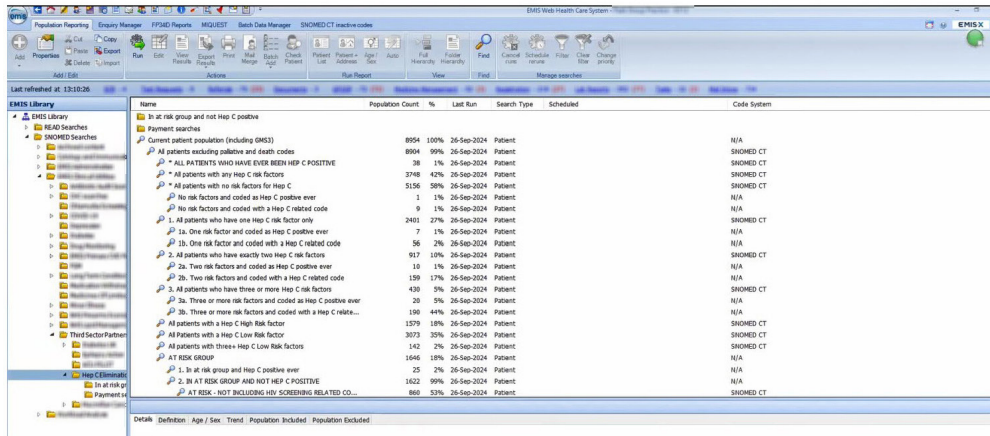
Please see end of document for Hepatitis C related SNOMED codes.

Send the results to YOUR LOCAL ODN

Copying the Search to Your Practice Folder

Import the **Hepatitis C Elimination Programme folder** onto your desktop and then into **your Practice Folder** or a folder that is suitable for you to access in EMIS .

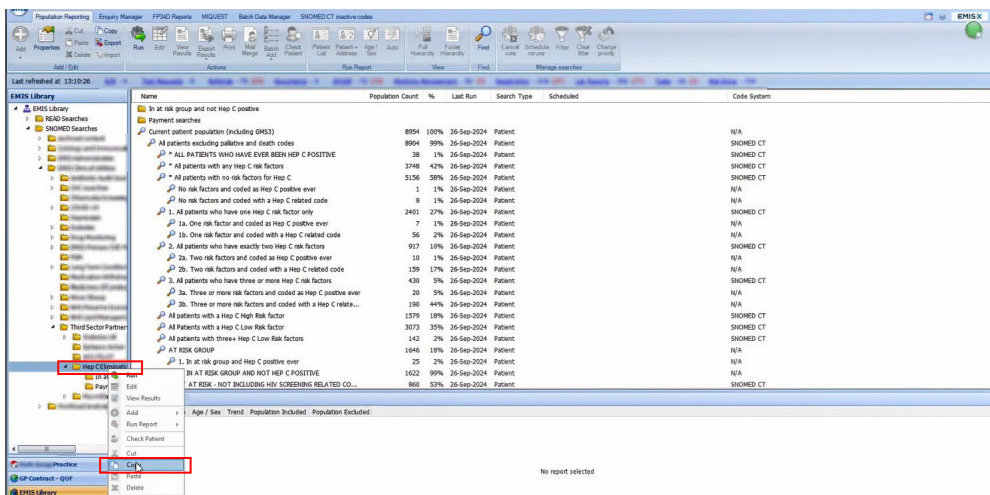
When you first access these searches, you will see different parameters listed under the programme. If you haven't run the search yet, you'll notice that the results will show '000', indicating no data has been retrieved. This is normal since the search hasn't been run. These searches are what is referred to as the Hepatitis C PSI toolkit.



Before running the searches we recommended you **copy the searches folder into your practice folder. Please import each file/search individually.**

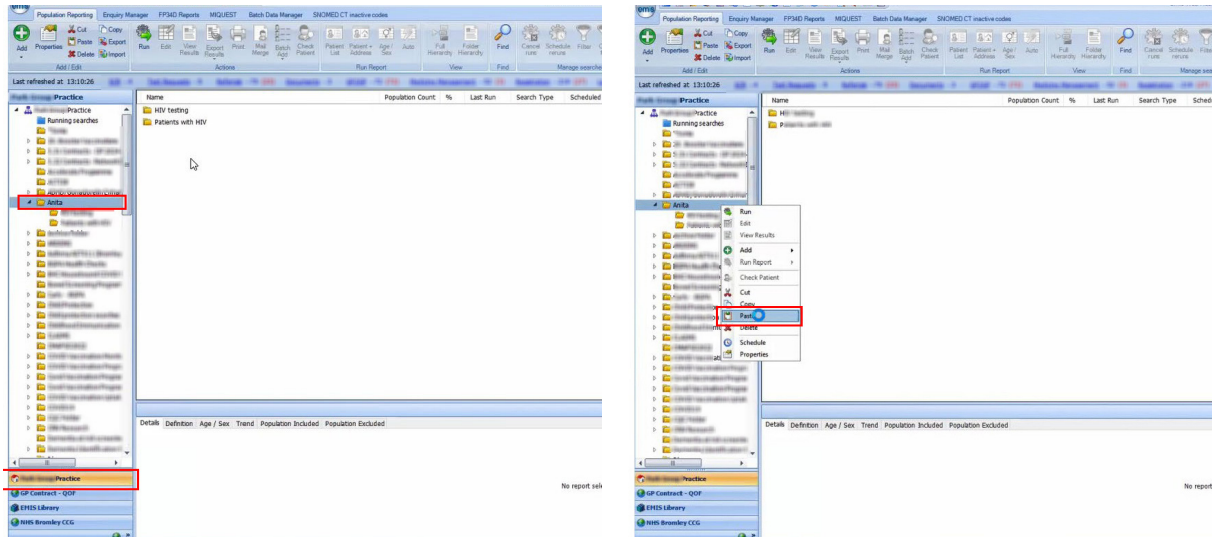
Any modifications to the search should be made under the guidance of your GP Champion or ODN who has a preselected and NHSE approved list of search modifications. For example, including languages that are specific and relevant to your area.

Any modifications to the suggested searches by the SE London and Kent ODN may impact on current Information Governance arrangements such as DPIA, DSA and MOUs. Therefore, any modifications should be carefully reviewed with your ODN and remain at the discretion of the individual surgery.

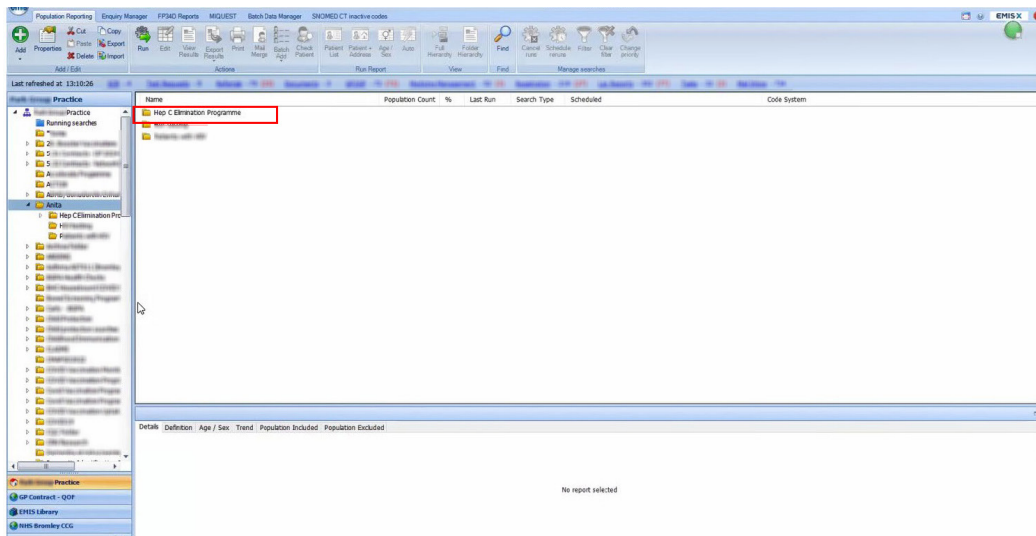


Right-click on the “Hep C Elimination Programme folder” on the EMIS Library and select **“copy”**.

Copying the Search to Your Practice Folder



Then, **select your practice folder** and find the folder where you want to copy the searches. **Right-click** on the selected folder and select **“paste”**.



Now that the **Hepatitis C Elimination Programme searches** are copied to your practice folder, you can run the searches or customise if you need. As mentioned, please discuss this with your GP Champion or ODN

Search 1: Patients with Hep C

The first search identifies **patients who are currently registered at the practice and are currently positive with Hepatitis C**. This search includes all ages and excludes any patients who have passed away or are under palliative care, ensuring only active patients are listed. Run the report as follows:

In at risk group and not Hep C positive		
Payment searches		
Current patient population (including GMS3)	2614	100%
All patients excluding palliative and death codes	2591	99%
* ALL PATIENTS WHO HAVE EVER BEEN HEP C POSITIVE	8	1%
* All patients with any Hep C risk factors	256	10%
* All patients with no risk factors for Hep C	2335	90%
No risk factors and coded as Hep C positive ever	2	1%
No risk factors and coded with a Hep C related code	4	1%
1. All patients who have one Hep C risk factor only	233	9%
1a. One risk factor and coded as Hep C positive ever	1	1%
1b. One risk factor and coded with a Hep C related code	1	1%
2. All patients who have exactly two Hep C risk factors	16	1%
2a. Two risk factors and coded as Hep C positive ever	3	19%
2b. Two risk factors and coded with a Hep C related code	4	25%
3. All patients who have three or more Hep C risk factors	7	1%
3a. Three or more risk factors and coded as Hep C positive ever	2	29%
3b. Three or more risk factors and coded with a Hep C relate...	3	43%
All patients with a Hep C High Risk factor	17	1%
All Patients with a Hep C Low Risk factor	246	9%
All patients with three+ Hep C Low Risk factors	4	1%
AT RISK GROUP	18	1%
1. In at risk group and Hep C positive ever	3	17%
2. IN AT RISK GROUP AND NOT HEP C POSITIVE	16	89%
AT RISK - NOT INCLUDING HIV SCREENING RELATED CO...	12	75%
List Report: Hep C at risk	16	
List Report: Hep C at risk codes	16	
3. In at risk group and Hep C related codes present	5	28%
4. In at risk group and no Hep C related codes present	13	72%
5. In at risk group and no High Risk factors present	1	6%
6. In at risk group and no review codes present	18	100%
Hep C currently positive	6	1%
List Report: Hep C currently positive	6	
Hep C positive ever	8	1%
Hep C related codes	12	1%
HEP C RESOLVED	2	1%

8917	99%	03-Oct-2024	Patient
39	1%	03-Oct-2024	Patient
3761	42%	03-Oct-2024	Patient
5156	58%	03-Oct-2024	Patient
1	1%	03-Oct-2024	Patient
9	1%	03-Oct-2024	Patient
2408	27%	03-Oct-2024	Patient
8	1%		
57	2%		
923	10%		
10			
159	17%		
430	5%	03-Oct-2024	Patient
20	5%	03-Oct-2024	Patient
190	44%	03-Oct-2024	Patient
1588	18%	03-Oct-2024	Patient
3079	35%	03-Oct-2024	Patient
142	2%	03-Oct-2024	Patient
1655	19%	03-Oct-2024	Patient
25	2%	03-Oct-2024	Patient
1631	99%	03-Oct-2024	Patient

1. Go to the right-hand side of the screen, where the list of searches is displayed, and select **“HEP C CURRENTLY POSITIVE”**.
2. Click on the **“Auto Report icon”** (which is represented by a lightning bolt icon).
3. Press **“Yes”** to run the report.

📁 In at risk group and not Hep C positive		
📁 Payment searches		
🔍 Current patient population (including GMS3)	2614	100%
🔍 All patients excluding palliative and death codes	2591	99%
🔍 * ALL PATIENTS WHO HAVE EVER BEEN HEP C POSITIVE	8	1%
🔍 * All patients with any Hep C risk factors	256	10%
🔍 * All patients with no risk factors for Hep C	2335	90%
🔍 No risk factors and coded as Hep C positive ever	2	1%
🔍 No risk factors and coded with a Hep C related code	4	1%
🔍 1. All patients who have one Hep C risk factor only	233	9%
🔍 1a. One risk factor and coded as Hep C positive ever	1	1%
🔍 1b. One risk factor and coded with a Hep C related code	1	1%
🔍 2. All patients who have exactly two Hep C risk factors	16	1%
🔍 2a. Two risk factors and coded as Hep C positive ever	3	19%
🔍 2b. Two risk factors and coded with a Hep C related code	4	25%
🔍 3. All patients who have three or more Hep C risk factors	7	1%
🔍 3a. Three or more risk factors and coded as Hep C positive ever	2	29%
🔍 3b. Three or more risk factors and coded with a Hep C relate...	3	43%
🔍 All patients with a Hep C High Risk factor	17	1%
🔍 All Patients with a Hep C Low Risk factor	246	9%
🔍 All patients with three+ Hep C Low Risk factors	4	1%
🔍 AT RISK GROUP	18	1%
🔍 1. In at risk group and Hep C positive ever	3	17%
🔍 2. IN AT RISK GROUP AND NOT HEP C POSITIVE	16	89%
🔍 AT RISK - NOT INCLUDING HIV SCREENING RELATED CO...	12	75%
📄 List Report: Hep C at risk	16	
📄 List Report: Hep C at risk codes	16	
🔍 3. In at risk group and Hep C related codes present	5	28%
🔍 4. In at risk group and no Hep C related codes present	13	72%
🔍 5. In at risk group and no High Risk factors present	1	6%
🔍 6. In at risk group and no review codes present	18	100%
🔍 Hep C currently positive	6	1%
📄 List Report: Hep C currently positive	6	
🔍 Hep C positive ever	8	1%
🔍 Hep C related codes	12	1%
🔍 HEP C RESOLVED	2	1%

This will automatically create a list of patients based on the search criteria.

Run the following patient list report:

- **“HEP C CURRENTLY POSITIVE”**

At this time, please note the following patient list reports for the at risk group:

- **“HEP C AT RISK”**
- **“HEP C AT RISK CODES”**

When the list is generated, you will see it can be saved as either an Excel or CSV file - [please select and save as CSV.](#)

The final step, after creating the searches list, is to [securely email the results via your NHS.net email](#) to your local ODN address.

Note:

1. Searches include all ages
2. Searches do not include patients with end of life codes

Send the results to YOUR LOCAL ODN

Search 2 & 3: Identifying Patients At-Risk of Hepatitis C

The second and third search target patients who are at risk of Hepatitis C but have not tested positive for the virus. We kindly request that you conduct both searches for this group (as highlighted on page 7 and shown again below). For surgeries who would like only their Hepatitis C positive patients contacted, we still ask that the at-risk lists are generated so your ODN can cleanse the data as there may still be lost to follow up positive patients in this list.

Although search two and three are the same, they present the information in two different formats: one format allows us to categorise the data by demographic and gives us a deeper understanding of the patient's risks, while the other format helps us filter out information that may not be relevant.

The two searches are:

- **“IN AT RISK GROUP AND NOT HEP C POSITIVE (FULL INFORMATION)”**.
- **“IN AT RISK GROUP AND NOT HEP C POSITIVE (TICK BOX ONLY)”**.

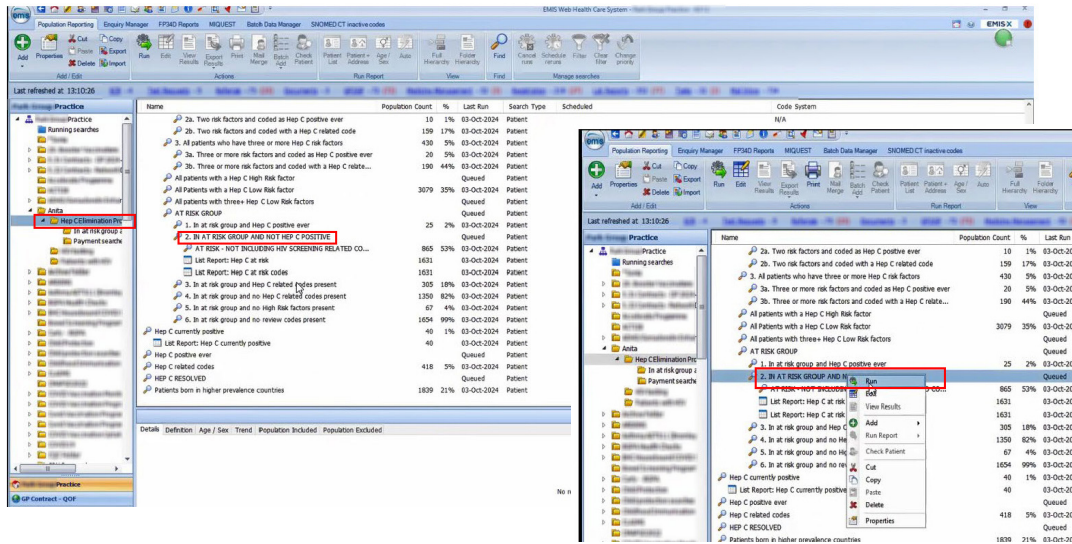
You can download the file from the folder provided. Please import them individually. Run the searches as follows:

Name	Population Count	%	Last Run	Search Type	Scheduled	Code System
In at risk group and not Hep C positive						
Current patient population (including GMS3)	8966	100%	03-Oct-2024	Patient		N/A
All patients excluding palliative and death codes	8917	99%	03-Oct-2024	Patient		SNOMED CT
* ALL PATIENTS WHO HAVE EVER BEEN HEP C POSITIVE	39	1%	03-Oct-2024	Patient		SNOMED CT
* ALL PATIENTS WHO HAVE EVER BEEN HEP C POSITIVE A...	30		03-Oct-2024	Patient		SNOMED CT
* All patients with any Hep C risk factors	3761	42%	03-Oct-2024	Patient		SNOMED CT
* All patients with no risk factors for Hep C	5156	58%	03-Oct-2024	Patient		SNOMED CT
No risk factors and coded as Hep C positive ever	1	1%	03-Oct-2024	Patient		N/A
No risk factors and coded with a Hep C related code	0	1%	03-Oct-2024	Patient		N/A
1. All patients who have one Hep C risk factor only	2408	27%	03-Oct-2024	Patient		SNOMED CT
1a. One risk factor and coded as Hep C positive ever	8	1%	03-Oct-2024	Patient		N/A
1b. One risk factor and coded with a Hep C related code	57	2%	03-Oct-2024	Patient		N/A
2. All patients who have exactly two Hep C risk factors	023	10%	03-Oct-2024	Patient		SNOMED CT
2a. Two risk factors and coded as Hep C positive ever	10	1%	03-Oct-2024	Patient		N/A
2b. Two risk factors and coded with a Hep C related code	159	17%	03-Oct-2024	Patient		N/A
3. All patients who have three or more Hep C risk factors	430	5%	03-Oct-2024	Patient		SNOMED CT
3a. Three or more risk factors and coded as Hep C positive ever	20	5%	03-Oct-2024	Patient		N/A
3b. Three or more risk factors and coded with a Hep C related...	100	11%	03-Oct-2024	Patient		N/A
All patients with a Hep C High Risk factor	1588	18%	03-Oct-2024	Patient		SNOMED CT
All patients with a Hep C Low Risk factor	4079	45%	03-Oct-2024	Patient		SNOMED CT
All patients with three+ Hep C Low Risk factors	142	2%	03-Oct-2024	Patient		SNOMED CT
AT RISK GROUP	1625	19%	03-Oct-2024	Patient		N/A
1. In at risk group and Hep C positive ever	25	2%	03-Oct-2024	Patient		N/A
2. IN AT RISK GROUP AND NOT HEP C POSITIVE	1623	50%	03-Oct-2024	Patient		N/A

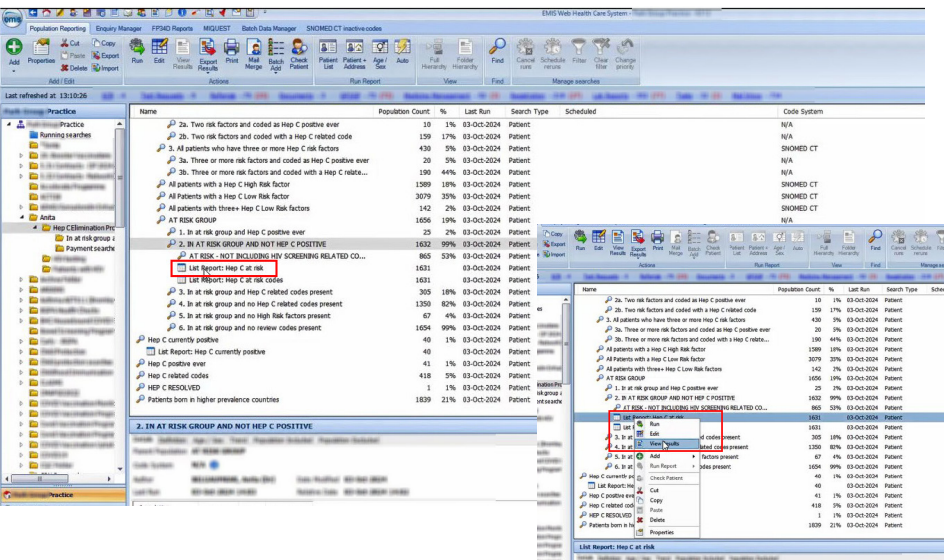
Go back to the search folder and **select** the search titled **“In at risk group and not Hep C positive (full information)”**.

Running the full search report for Hep C at Risk

Run report as follows:



1. Go back to your “Hep C Elimination Programme” folder.
2. Scroll down to find the search called “IN AT RISK GROUP AND NOT HEP C POSITIVE (FULL INFORMATION)”.
3. Select it + Right-click + select “Run”.



Once the search is complete, it will generate a list of patients at risk, including their contact details and phone numbers.

1. The report is called “List Report: Hep C at Risk”.
2. Right-click on the completed search and select “View Results” to see the list.

You can then save the list as a CSV file.

The final step, after creating the searches list, is to securely email the results via your NHS.net email to your local ODN address.

Search 3:

Please repeat this exercise for “IN AT RISK GROUP AND NOT HEP C POSITIVE (TICK BOX ONLY)” group (HEP C AT RISK CODES list)

Standard SNOMED Codes

Code: Viral Hepatitis type C 50711007

Definitions:

- HCV PCR +ve **AND** on DAA currently.
- HCV PCR +ve **AND** declined treatment.
- HCV PCR +ve **AND** treatment not completed (inc. Interferon).
- HCV Ab +ve and PCR UNKNOWN.

Code: HCV Resolved 761381000000102

Definitions:

- HCV PCR +ve and treatment completed with SVR confirmed.
- Spontaneous resolution of confirmed +ve HCV PCR.

Standard SNOMED Codes- Coding Hep C Negative individuals

Hepatitis C antibody test negative (finding) SNOMEDCT 314707006

Hepatitis C antibody not detected/negative

- CTV3 XaFE0.
- READ2 43X4.

Hepatitis C antigen negative (finding) SNOMEDCT 812161000000102

Hepatitis C antigen negative

- READ2 4JQE. (can also be used if RNA only result is available)
- CTV3 XaYbg.

Recap

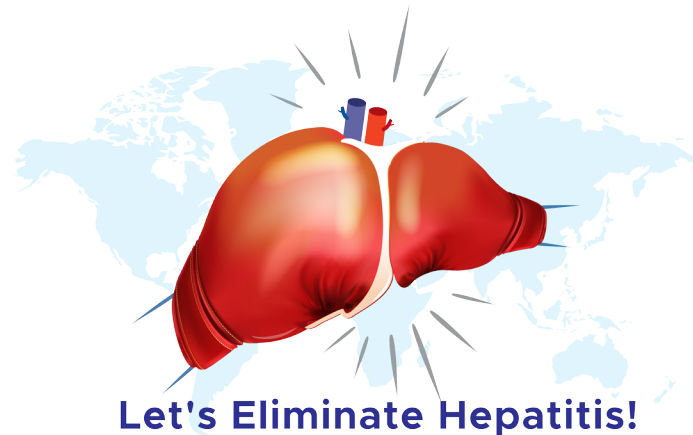
Before sending the data to the ODN, please ensure it includes:

- **NHS Numbers.**
- **Date of Birth, Contact addresses and telephone numbers.**
- **Any other relevant information, such as whether a translator is required.**

Please send THREE lists:

- **“ALL PATIENTS WHO ARE CURRENTLY HCV POSITIVE”**
- **“IN AT RISK GROUP AND NOT HEP C POSITIVE (FULL INFORMATION)”.**
- **“IN AT RISK GROUP AND NOT HEP C POSITIVE (TICK BOX ONLY)”.**

**Thank you for helping support the Hep C Elimination Programme
in Primary Care**





Hep C Elimination Programme