

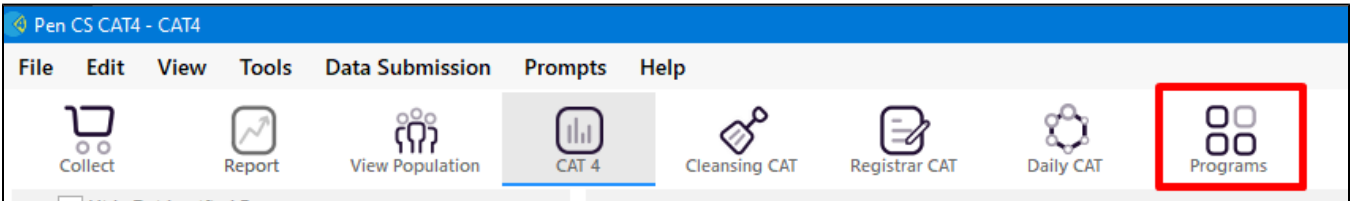
Hep B Screening and Management Guide

Unknown macro: 'scroll-exportbutton'

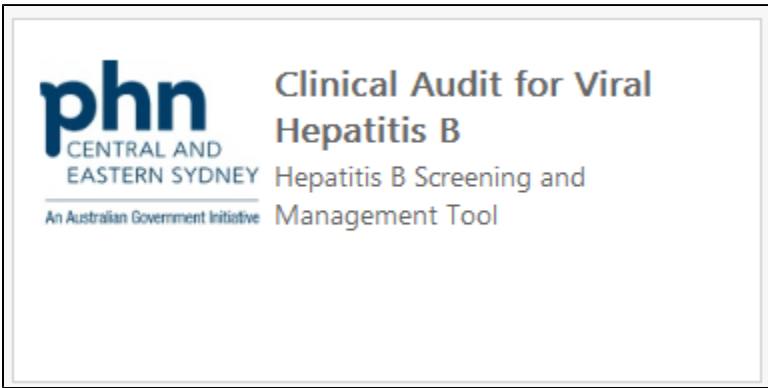
Hepatitis B (Hep B) is a blood borne virus infection which is increasing in prevalence in Australia. Hep B screening and management was identified by the Central and Eastern Sydney Primary Health Network (CES PHN) as a key area for improving health outcomes in their PHN catchment. CAT4's Hep B Screening and Management module was developed to allow clinicians to easily identify patients with risk factors for screening and follow-up patients with Hep B diagnosis for management and review. This guide serves as a quick reference for the Hep B Screening and Management module.

Accessing the module

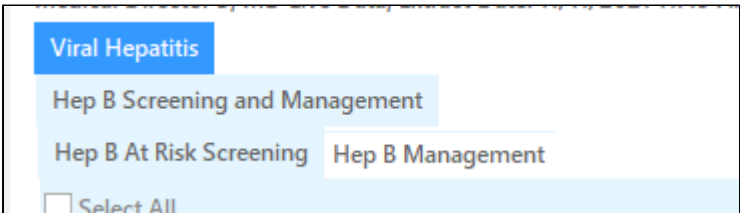
1. From the CAT Icons click the **Programs** icon



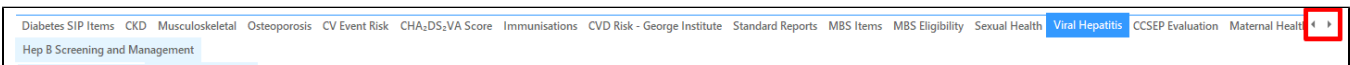
Then click on the Clinical Audit for Viral Hepatitis B program



The 'Viral Hepatitis/Hep B Screening and Management' report will be displayed:



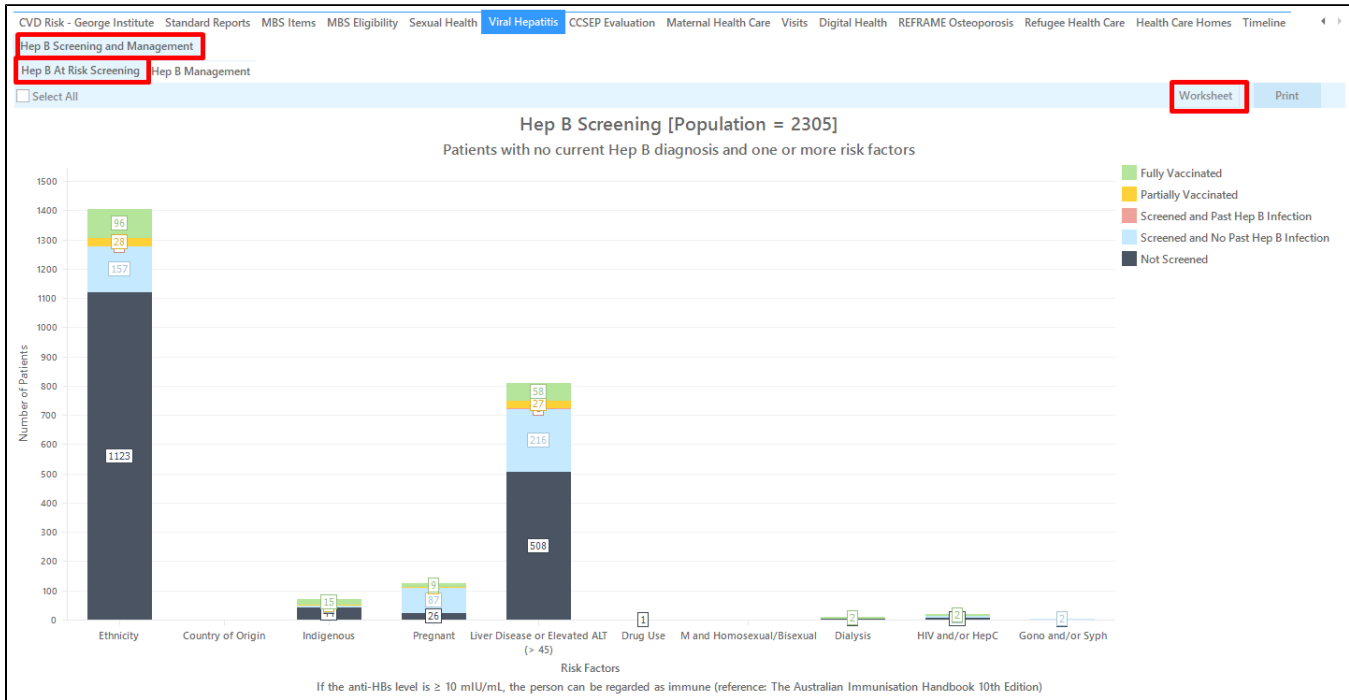
You can also just click on the 'Viral Hepatitis' report tab by scrolling to the right when in the CAT4 view:



There are **2 main tabs** within the module that displays the graphs:

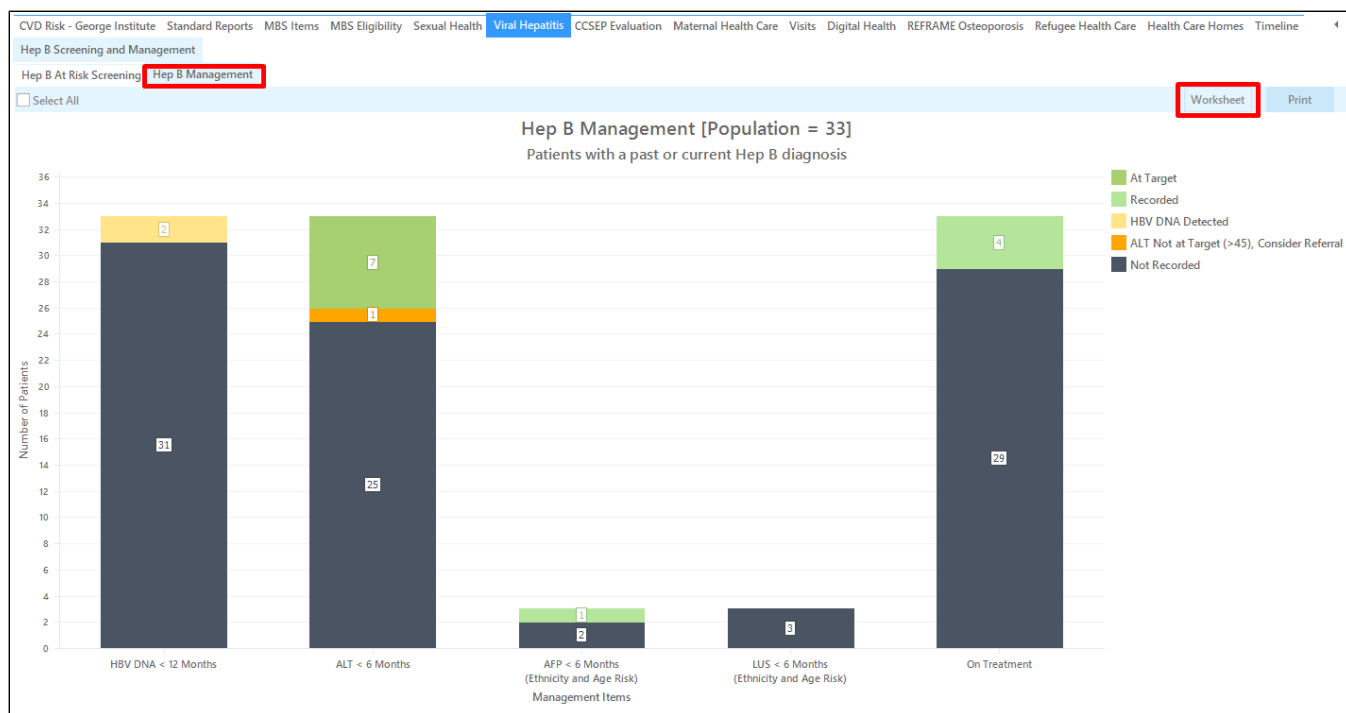
1. **Hep B At Risk Screening**
 - The Screening graph includes patients without a current Hep B diagnosis but with one or more risk factors making them eligible for screening. The graph displays the number of patients that have been screened, not screened, and vaccinated.

- **Risk factors:**
 - Ethnicity
 - Country of Origin
 - Indigenous
 - Pregnant
 - Liver Disease or Elevated ALT (M>30, F>19)
 - Intravenous Drug Use
 - Male and Homosexual/Bisexual
 - Dialysis
 - HIV and/or Hep C diagnosis
 - Gonorrhoea and/or Syphilis diagnosis



1. Hep B Management

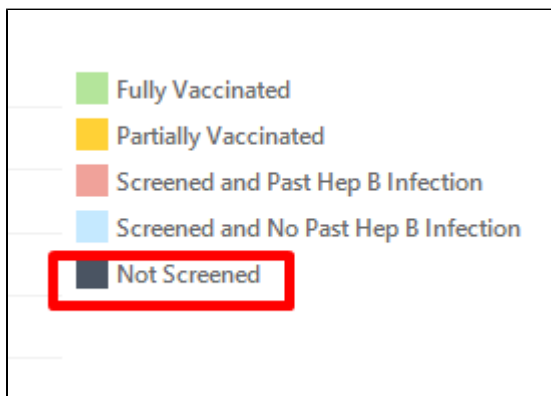
- The Management graph includes patients with a current or past Hep B diagnosis. The graph displays the follow-up pathology testing that has/has not been done and other management items for review.
- **Management Items:**
 - HBV DNA last 12 months
 - ALT last 6 months
 - AFP last 6 months, where HBV/ALT are not at target
 - Liver Ultrasound (L US) last 6 months, where HBV/ALT are not at target
 - On Treatment



Some tips on how to work with these reports and worksheets:

A worksheet listing patients that **have not been screened** can be created by the following method:

1. Go to **Hep B At Risk Screening** tab.
2. Click the **black box in the legend to select the not screened patients**.



Click the **Worksheet** button to see list of patients. The sample worksheet below shows **patients that have not been screened and are at risk due to their elevated ALT values**.

Patient Reidentification

1 of 161

Find

Reidentify Report [Patient Count = 1649] - Reidentify Worksheet

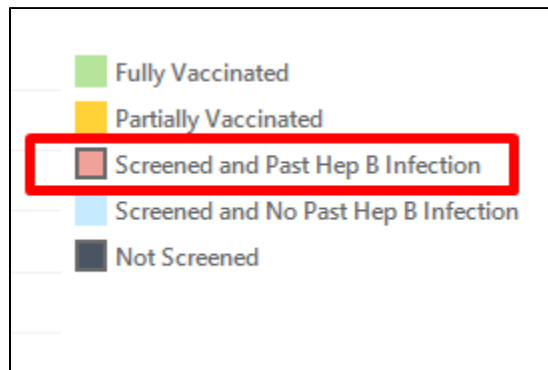
Selected: Hep B at Risk Screening (Ethnicity Not Screened,Liver Disease or Elevated ALT Not Screened,Pregnant Not Screened,Drug Use Not Screened,HIV and/or HepC Not Screened,Indigenous Not Screened,Gono and/or Syph Not Screened,Dialysis Not Screened)

| ID | Surname | First name | Sex | DOB (Age) | Screening Date | Immunisation Date (Doses) | Ethnicity /Country of Birth | Indigenous | Pregnant | Liver Disease/Elevated ALT | Drug Use | Homosexual/Bisexual (if male) | Dialysis | HIV and/or HepC | Gono and/or Syph | Assigned Provider |
|------|---------|-------------------|-----|-----------------|----------------|---------------------------|-----------------------------|------------|----------|----------------------------|----------|-------------------------------|----------|-----------------|------------------|-------------------|
| 1125 | Surname | Firstname_ F 4484 | | 10/05/1993 (28) | | | South African | | | ALT=0 10/05/2017 | | | | | | |
| 3732 | Surname | Firstname_ F 6545 | | 10/05/2000 (21) | | | Chinese | | | ALT=0 22/02/2018 | | | | | | |
| 2015 | Surname | Firstname_ F 6686 | | 10/05/2000 (21) | | | Thai | | | ALT=0 09/09/2019 | | | | | | Surname_5 |
| 1192 | Surname | Firstname_ F | | 10/05/198 | | | Taiwanese | | | ALT=0 | | | | | | Surname_0 |

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A worksheet listing patients that **have been screened** can be created by the following method:

1. Go to **Hep B At Risk Screening** tab.
2. Click the **red box** in the legend to select patients with past Hep B infection



1. Click the **Worksheet** button to see list of patients. The sample worksheet below shows **patients with past Hep B infection diagnosis and were screened but are at risk due to their Country of Birth.**

Patient Reidentification

1 of 169 100%

Reidentify Report [Patient Count = 1650] - Reidentify Worksheet

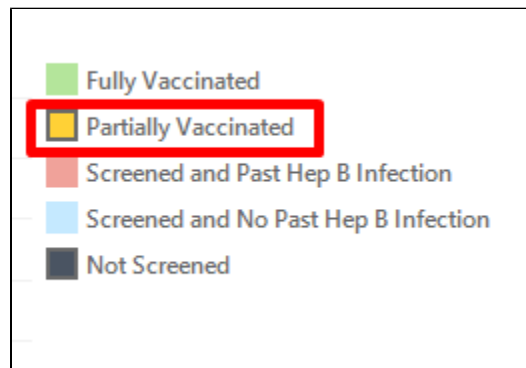
Selected: Hep B at Risk Screening (Ethnicity Not Screened,Liver Disease or Elevated ALT Not Screened,Pregnant Not Screened,Drug Use Not Screened,HIV and/or HepC Not Screened,Indigenous Not Screened,Gono and/or Syph Not Screened,Dialysis Not Screened,Ethnicity Screened and Past Hep B Infection,Liver Disease or Elevated ALT Screened and Past Hep B Infection)

| ID | Surname | First name | Sex | DOB (Age) | Screening Date | Immunization Date (Doses) | Ethnicity /Country of Birth | Indigenous | Pregnant | Liver Disease/Elevated ALT | Drug Use | Homosexual/Bisexual (if male) | Dialysis | HIV and/or HepC | Gono and/or Syph | Assigned Provider |
|------|---------|-------------|-----|-----------------|----------------|---------------------------|-----------------------------|------------|----------|---|----------|-------------------------------|----------|-----------------|------------------|-------------------|
| 8145 | Surname | Firstname_4 | M | 10/05/1951 (70) | | | Egyptian | | | ALT=54 18/01/2021, Liver Disease 01/01/2017 | | | | | | Surname_5 |
| 4943 | Surname | Firstname_5 | M | 10/05/1981 (40) | | | Egyptian | | | | | | | | | Surname_0 |
| 7912 | Surname | Firstname_ | M | 10/05/197 | | | Indian | | | ALT=22 | | | | | | Surname_2 |

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A worksheet listing patients that **have been vaccinated** can be created by the following method:

1. Go to **Hep B At Risk Screening** tab.
2. Click the **green box** in the legend for patients that were fully vaccinated or the **orange box** for patients that were partially vaccinated.



1. Click the **Worksheet** button to see list of patients. The sample worksheet below shows patients that were partially vaccinated but are at risk due because they were diagnosed with Liver Disease or with elevated ALT.

Patient Reidentification

1 of 175 Find

Reidentify Report [Patient Count = 1709] - Reidentify Worksheet

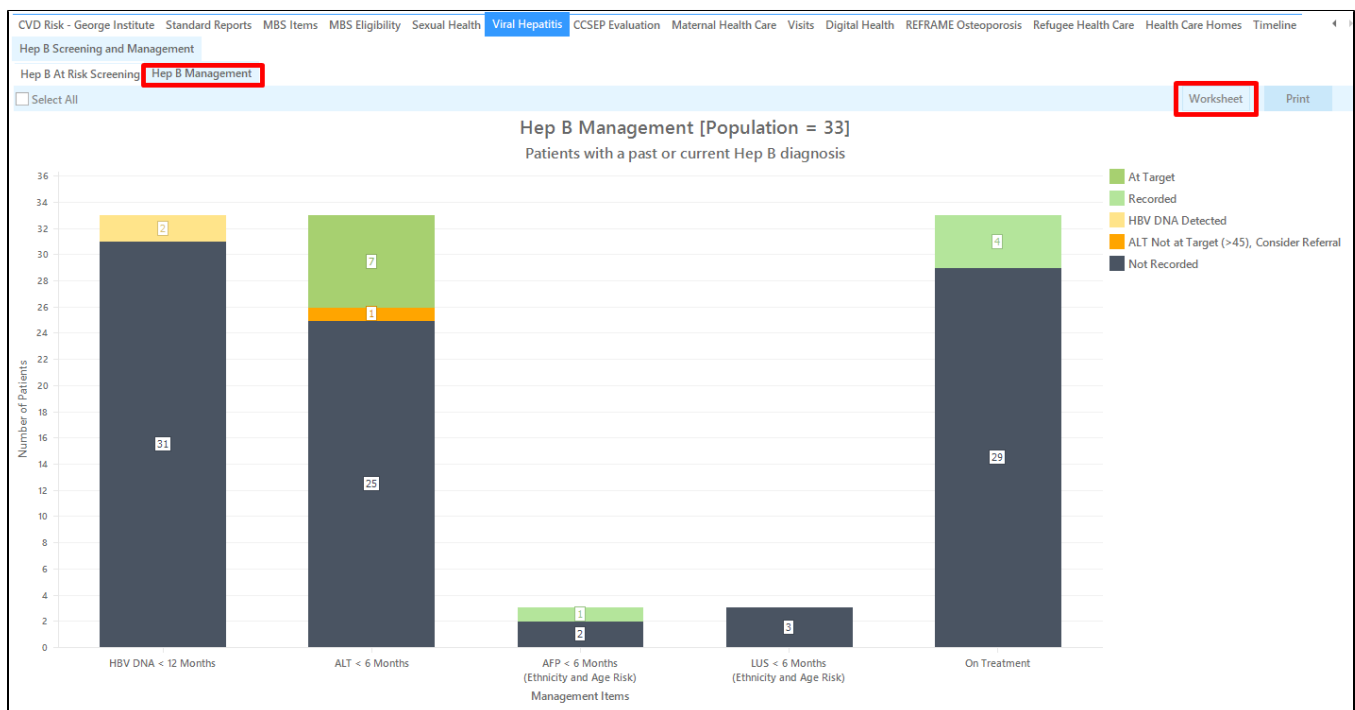
Selected: Hep B at Risk Screening (Ethnicity Not Screened,Liver Disease or Elevated ALT Not Screened,Pregnant Not Screened,Drug Use Not Screened,HIV and/or HepC Not Screened,Indigenous Not Screened,Gono and/or Syph Not Screened,Dialysis Not Screened,Ethnicity Partially Vaccinated,Liver Disease or Elevated ALT Partially Vaccinated,Indigenous Partially Vaccinated,Pregnant Partially Vaccinated)

| ID | Surname | First name | Sex | DOB (Age) | Screening Date | Immunisation Date (Doses) | Ethnicity /Country of Birth | Indigenous | Pregnant | Liver Disease/Elevated ALT | Drug Use | Homosexual/Bisexual (if male) | Dialysis | HIV and/or HepC | Gono and/or Syph | Assigned Provider |
|------|---------|-------------|-----|-----------------|----------------|---------------------------|-----------------------------|------------|----------|---|----------|-------------------------------|----------|-----------------|------------------|-------------------|
| 8145 | Surname | Firstname_4 | M | 10/05/1951 (70) | | | Egyptian | | | ALT=54 18/01/2021, Liver Disease 01/01/2017 | | | | | | Surname_5 |
| 4943 | Surname | Firstname_5 | M | 10/05/1981 (40) | | | Egyptian | | | | | | | | | Surname_0 |
| 7912 | Surname | Firstname_ | M | 10/05/197 | | | Indian | | | ALT=22 | | | | | | Surname_2 |

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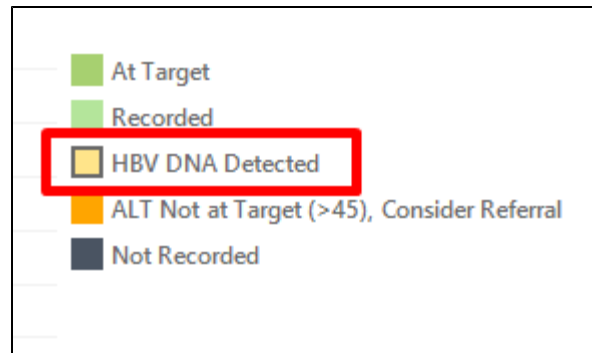


Tips for using the Pen CS CAT Hep B Screening and Management module for quality improvement activities by your practice



A worksheet listing patients with current or past Hep B infection but **management items are not at target** can be created by the following method:

1. Go to **Hep B Management** tab.
2. Click the **yellow box** in the legend for **HBV DNA detected**.



1. Click the **Worksheet** button to see the list of patients. The sample worksheet below shows **patients with Hep B diagnosis and with HBV DNA detected**

Patient Reidentification

Reidentify Report [Patient Count = 2] - Reidentify Worksheet

Selected: Hep B Management (HBV DNA < 12 Months HBV DNA Detected)

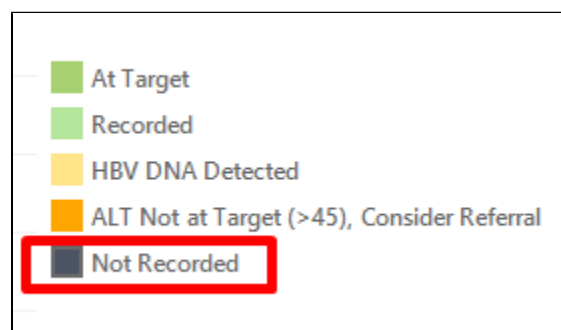
| ID | Surname | First name | Sex | DOB (Age) | Asian | African | ATSI | HepB | HBV DNA | ALT | Platelets | INR | AFP | L US | Cirrhosis | HIV, HepA, HepC, HepD | Alcohol | On Treatment | Assigned Provider |
|-------|---------|----------------|-----|-----------------|-------|---------|------|------|-----------------------|----------------------|-----------------------|---|---------------------|------|-----------|-----------------------|------------|--------------|-------------------|
| 11371 | Surname | Firstname_3350 | F | 10/05/1961 (60) | | | | Y | <10 12/04/20 21 | 23 12/04/20 21 | 262 12/04/20 21 | 1.0 12/04/20 21 | | | | | 23/05/2020 | | Surname_16 |
| 10705 | Surname | Firstname_3446 | F | 10/05/1978 (43) | | | | Y | 70 10/12/20 20 | 23 10/12/20 20 | 240 10/12/20 20 | Old result 10/12/20 1.0 17/07/20 19 | 0 10/12/20 20 | | | | 24/02/2017 | | Surname_19 |

Extract Details:
Practice Name: Deidentified Practice
BPExtract; FATCAT Deidentified Data
Extract Date: 10/05/2021 11:11 AM

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A worksheet listing patients with current or past Hep B infection but **management items are not recorded** can be created by the following method:

1. Go to **Hep B Management** tab.
2. Click the **black box** in the legend for not recorded management items.



1. Click the **Worksheet** button to see the list of patients. The sample worksheet below shows **patients with Hep B diagnosis and their treatment or medication not recorded**.

Patient Reidentification

1 of 5

100%

Find

Reidentify Report [Patient Count = 33] - Reidentify Worksheet

Selected: Hep B Management (HBV DNA < 12 Months Not Recorded,ALT < 6 Months Not Recorded,On Treatment Not Recorded,AFP < 6 Months Not Recorded,LUS < 6 Months Not Recorded)

| ID | Surname | First name | Sex | DOB (Age) | Asian | African | ATSI | HepB | HBV DNA | ALT | Platelets | INR | AFP | L US | Cirrhosis | HIV, HepA, HepC, HepD | Alcohol | On Treatment | Assigned Provider |
|-------|----------------|------------------|-----|-----------------|-------|---------|------|------|------------------------|-------------------------|--------------------------|------------------------|----------------------|------|-----------|-----------------------|------------|--------------|-------------------|
| 10962 | Surname_e_286 | Firstname_e_286 | M | 10/05/1938 (83) | | | | Y | | | | | | | | | 17/12/2019 | | |
| 11136 | Surname_e_470 | Firstname_e_470 | M | 10/05/1942 (79) | Y | | | Y | | Old result 2013/09/2019 | Old result 24113/09/2019 | | | | | | 17/12/2019 | | |
| 10259 | Surname_e_1564 | Firstname_e_1564 | M | 10/05/1994 (27) | | | | Y | Old result 76006/09/20 | Old result 5406/09/20 | Old result 19606/09/20 | Old result 0.913/09/20 | Old result 506/09/20 | | | | 18/12/2019 | | Surname_e_21 |

Refine Selection

Add/Withdraw Patient Consent

GoShare Plus

SMS Recall

Voicemail Recall

Topbar Prompt