

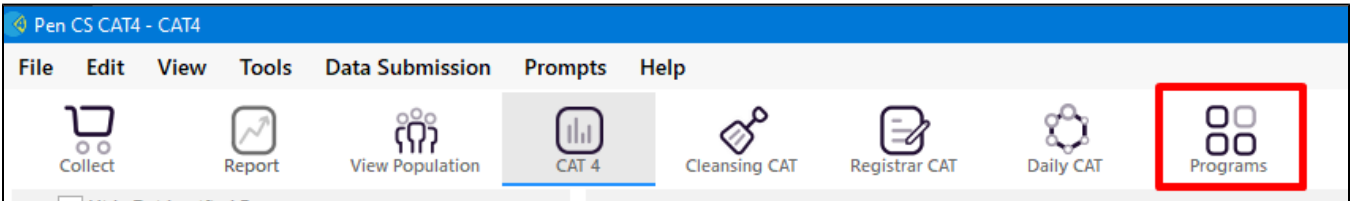
Hep B Screening and Management Guide

Unknown macro: 'scroll-exportbutton'

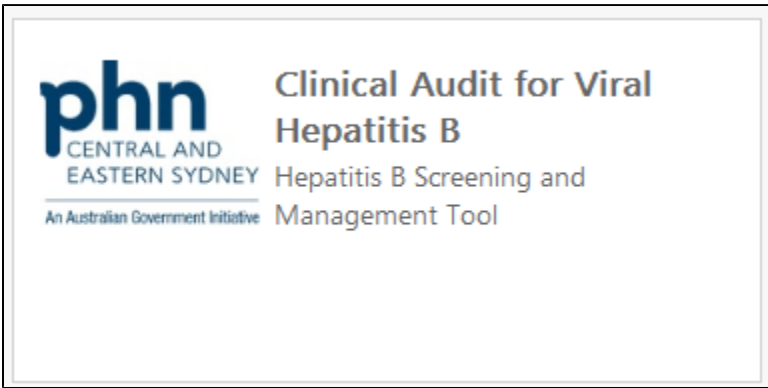
Hepatitis B (Hep B) is a blood borne virus infection which is increasing in prevalence in Australia. Hep B screening and management was identified by the Central and Eastern Sydney Primary Health Network (CES PHN) as a key area for improving health outcomes in their PHN catchment. CAT4's Hep B Screening 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

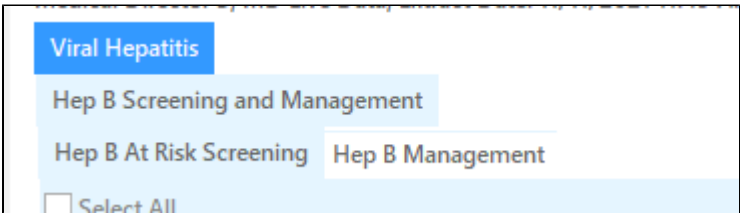
1. From the CAT Icons click the **Programs** icon



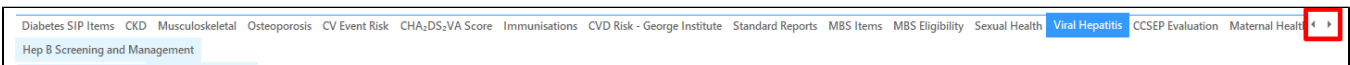
Then click on the Clinical Audit for Viral Hepatitis B program



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



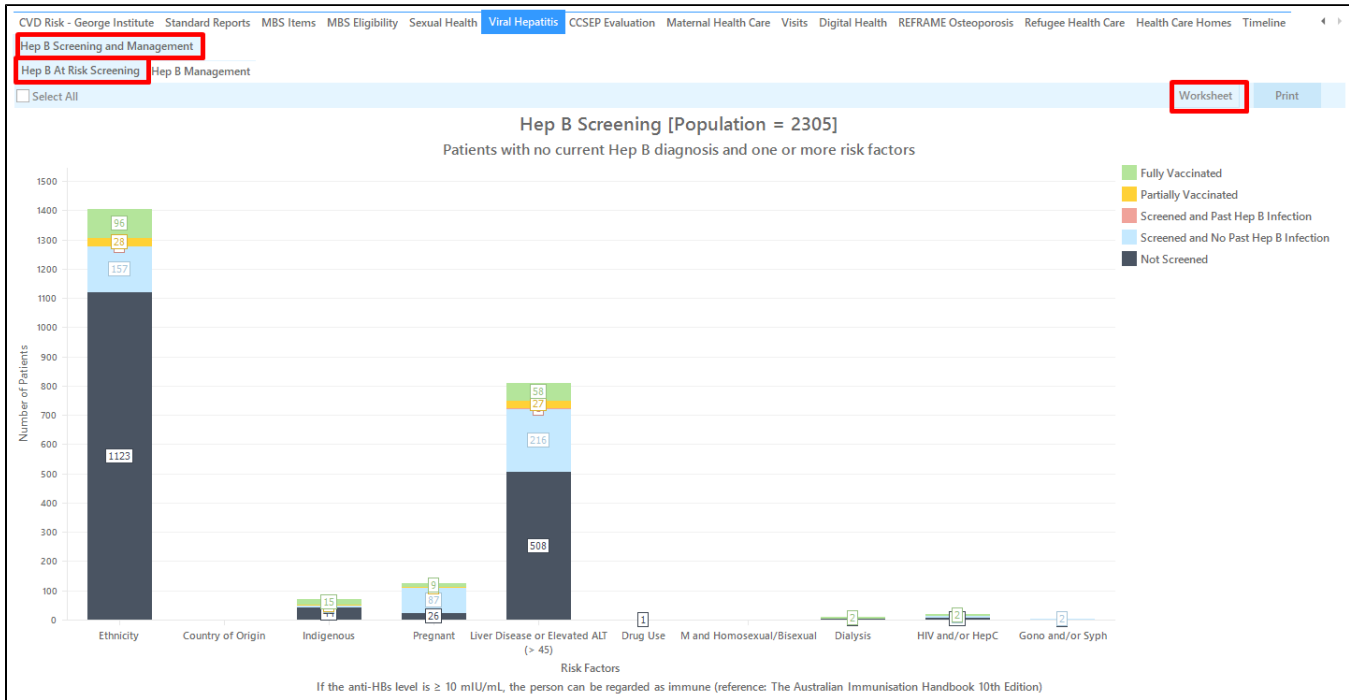
You can also just click on the 'Viral Hepatitis' report tab by scrolling to the right when in the CAT4 view:



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

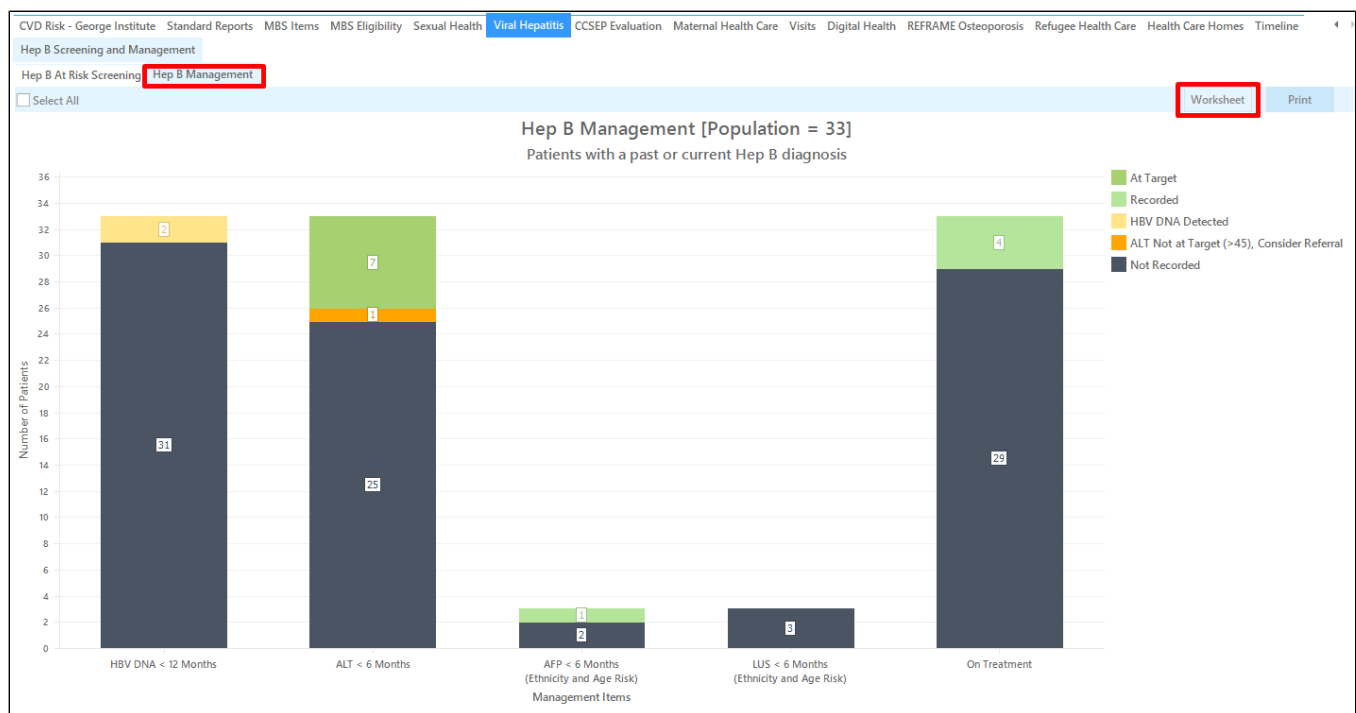
1. **Hep B At Risk Screening**
 - The Screening graph includes patients without a current Hep B diagnosis but with one or more risk factors making them eligible for screening. The graph displays the number of patients that have been screened, not screened, and vaccinated.

- **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

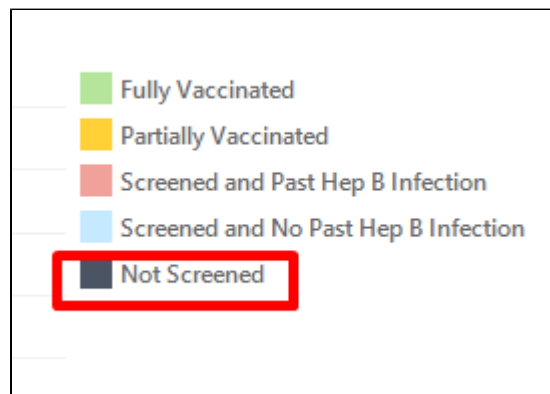
- The Management graph includes patients with a current or past Hep B diagnosis. The graph displays the follow-up pathology testing that has/has not been done and other management items for review.
- **Management Items:**
 - HBV DNA last 12 months
 - ALT last 6 months
 - AFP last 6 months, where HBV/ALT 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 161 100%

Reidentify Report [Patient Count = 1649] - Reidentify Worksheet

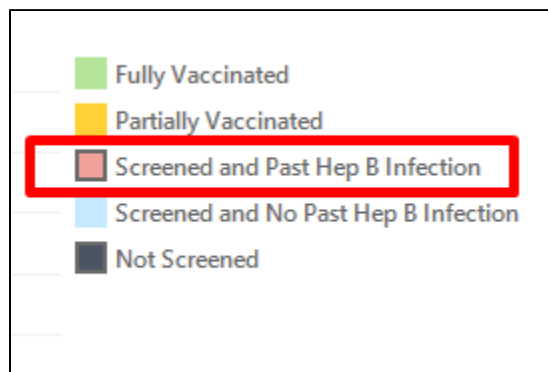
Selected: Hep B at Risk Screening (Ethnicity Not Screened, Liver Disease or Elevated ALT Not Screened, Pregnant Not Screened, Drug Use Not Screened, HIV and/or HepC Not Screened, Indigenous Not Screened, Gono and/or Syph Not Screened, Dialysis Not Screened)

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

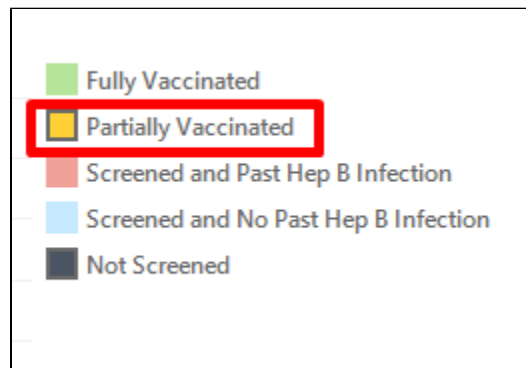
Selected: Hep B at Risk Screening (Ethnicity Not Screened,Liver Disease or Elevated ALT Not Screened,Pregnant Not Screened,Drug Use Not Screened,HIV and/or HepC Not Screened,Indigenous Not Screened,Gono and/or Syph Not Screened,Dialysis Not Screened,Ethnicity Screened and Past Hep B Infection,Liver Disease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

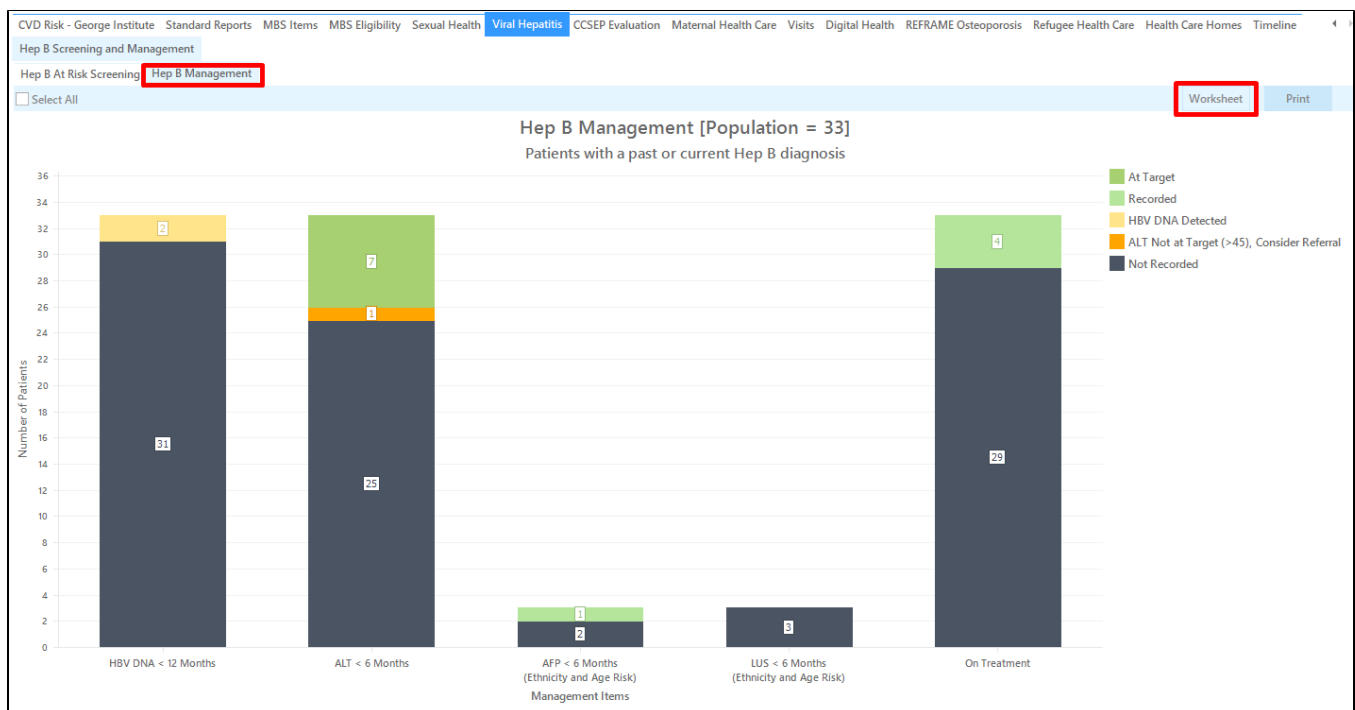
Selected: Hep B at Risk Screening (Ethnicity Not Screened,Liver Disease or Elevated ALT Not Screened,Pregnant Not Screened,Drug Use Not Screened,HIV and/or HepC Not Screened,Indigenous Not Screened,Gono and/or Syph Not Screened,Dialysis Not Screened,Ethnicity Partially Vaccinated,Liver Disease or Elevated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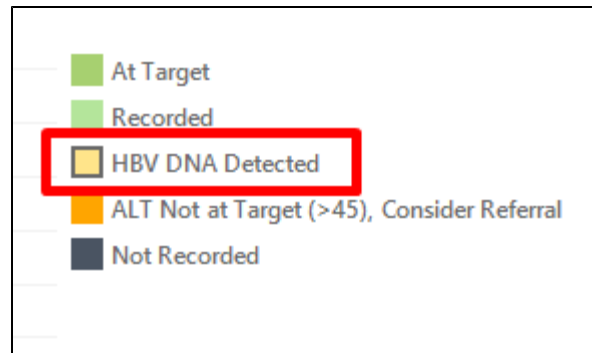


Tips for using the Pen CS CAT Hep B Screening and Management module for quality improvement activities by your practice



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)

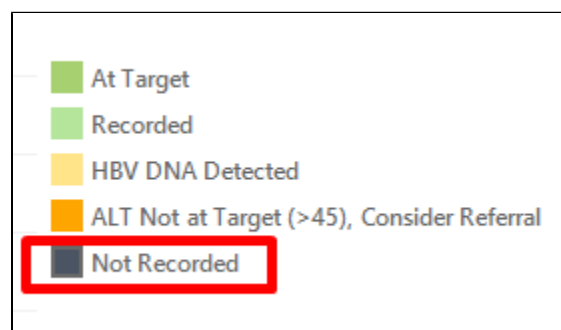
ID	Surname	First name	Sex	DOB (Age)	Asian	African	ATSI	HepB	HBV DNA	ALT	Platelets	INR	AFP	L US	Cirrhosis	HIV, HepA, HepC, HepD	Alcohol	On Treatment	Assigned Provider
11371	Surname	Firstname_3350	F	10/05/1961 (60)				Y	<10 12/04/20 21	23 12/04/20 21	262 12/04/20 21	1.0 12/04/20 21					23/05/2020		Surname_16
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

Refine Selection | Add/Withdraw Patient Consent | GoShare Plus | SMS Recall | Voicemail Recall | Topbar Prompt

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

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