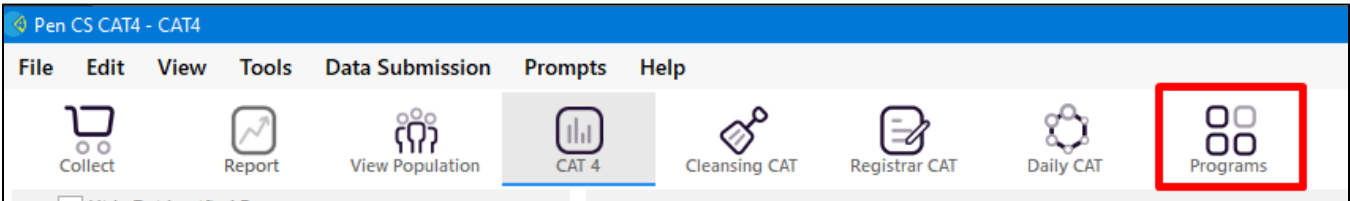# Hep B Screening and Management Guide

> 📄 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.

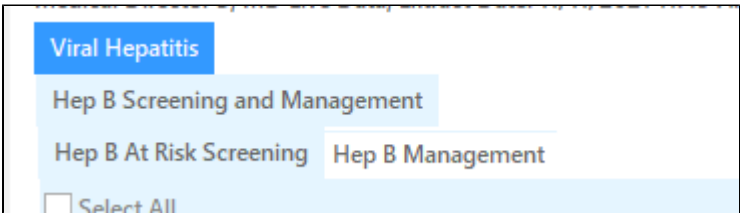**Accessing the module**

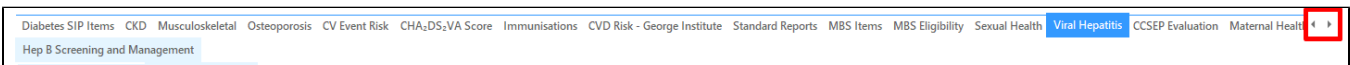1. From the CAT Icons click the **Programs** icon

Then click on the Clinical Audit for Viral Hepatitis B program
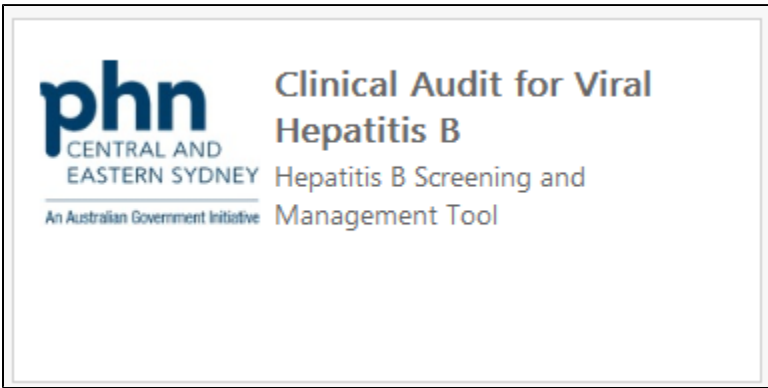
The 'Viral Hepatitis/Hep B Screening and Management' report will be displayed:

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/or Hep C diagnosis
  - Gonorrhoea and/or Syphilis diagnosis
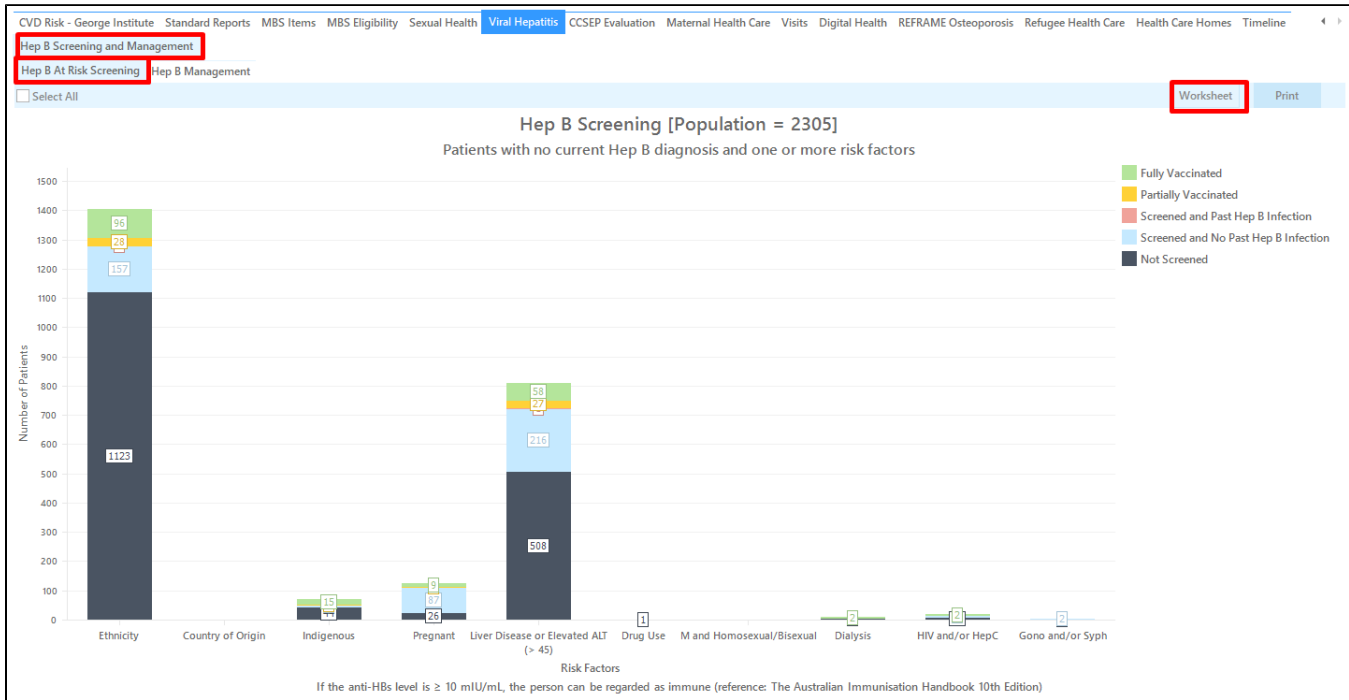

1. **Hep B Management**
   - The Management graph includes patients with a current or past Hep B diagnosis. The graph displays the follow-up pathology testing that has/has not been done and other management items for review.
   - Management Items:
     - HBV DNA last 12 months
     - ALT last 6 months
     - 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
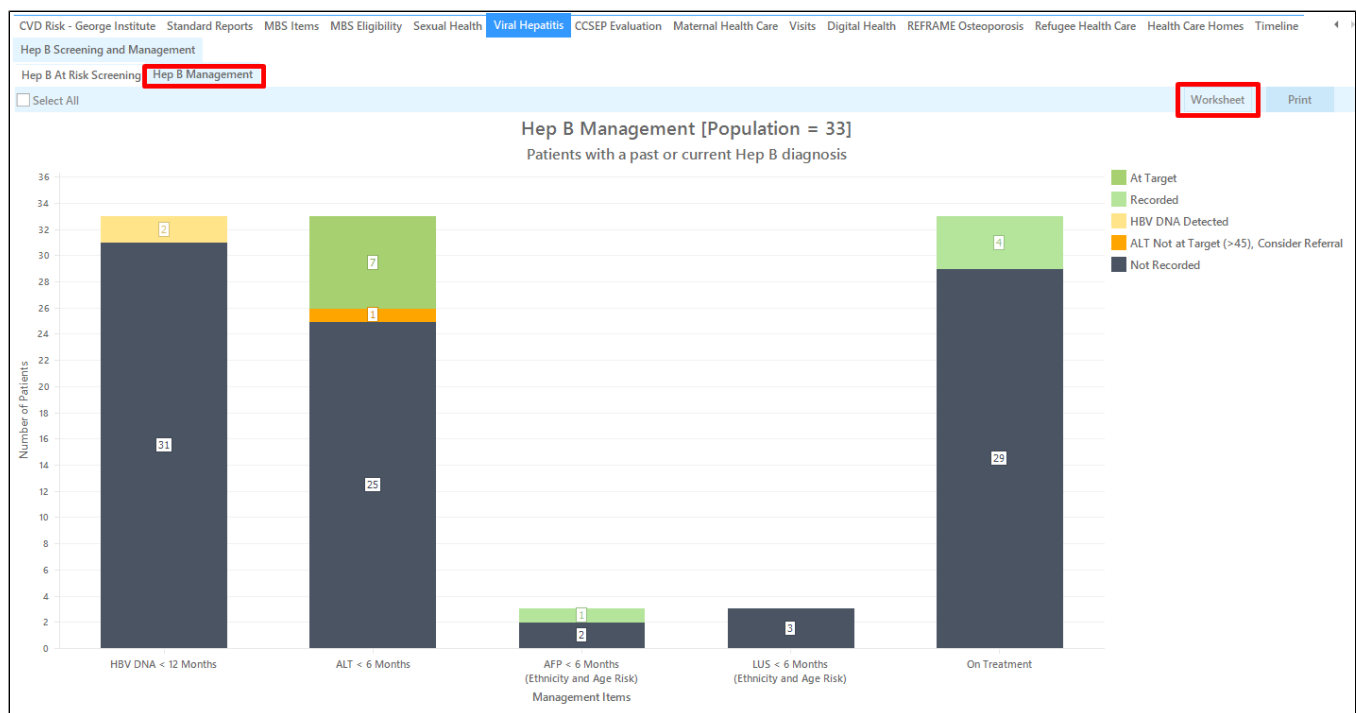
Some tips on how to work with these reports and worksheets:

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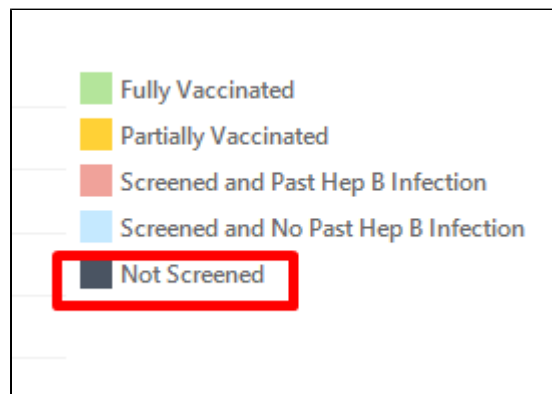
Click the **Worksheet button** to see list of patients. The sample worksheet below shows **patients that have not been screened and are at risk due to their elevated ALT values.**

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.**

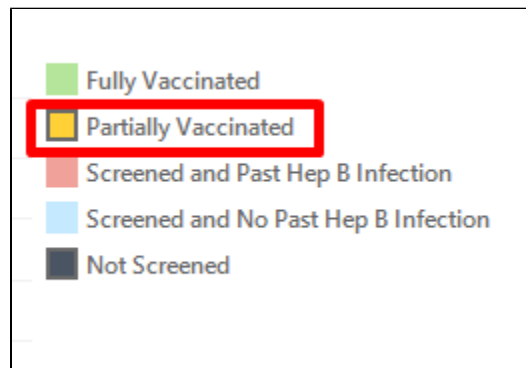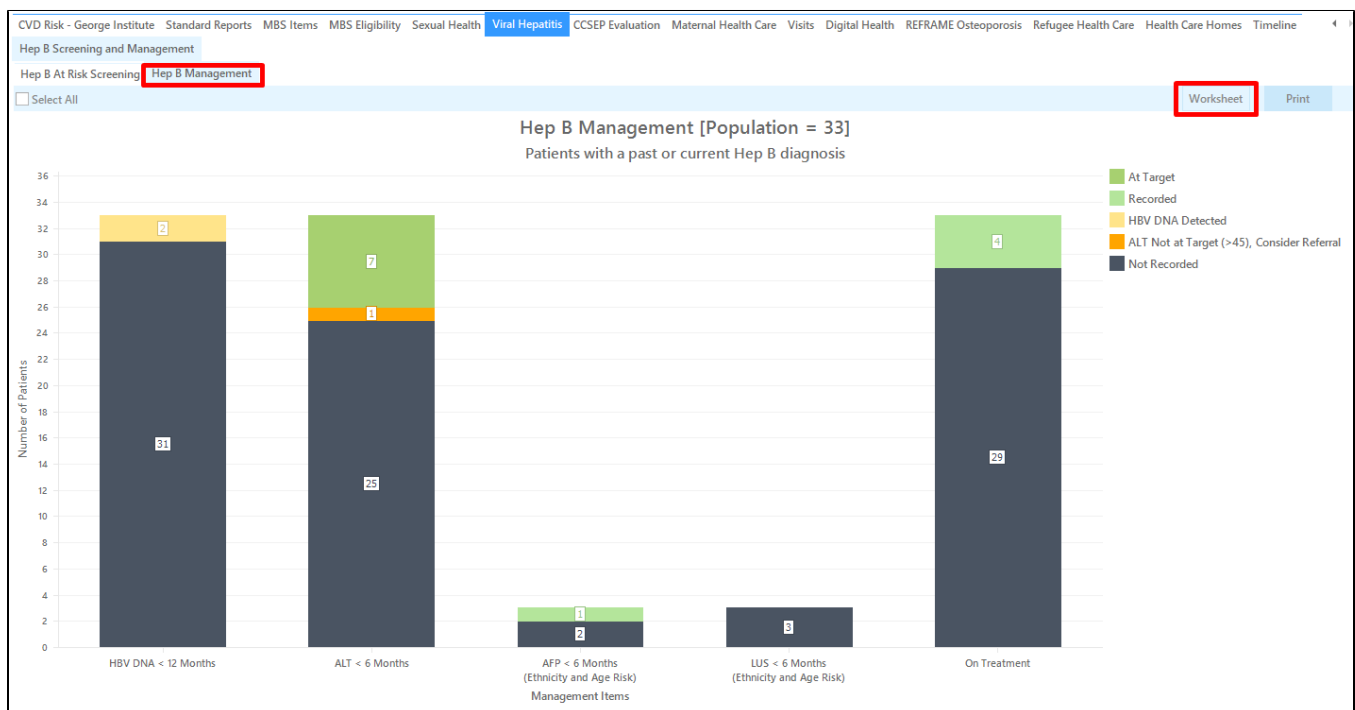**Reidentify Report [Patient Count = 1650] - Reidentify Worksheet**

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	Immunisation Date (Doses)	Ethnicity /Country of Birth	Indigeno us	Pregnant	Liver Disease/ Elevated ALT	Drug Use	Homosex ual/ 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

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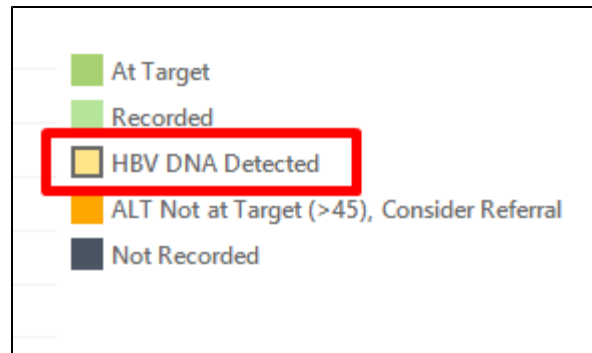
💡 **Tips for using the Pen CS CAT Hep B Screening and Management module for quality improvement activities by your practice**

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**

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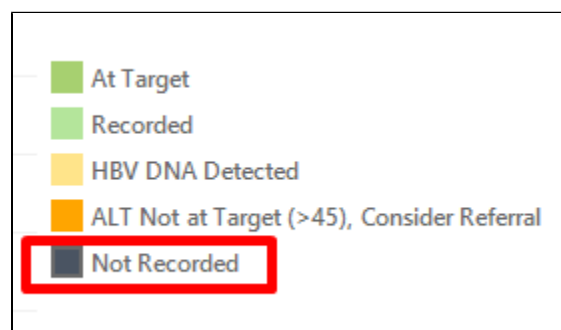
1. Click the **Worksheet button** to see the list of patients. The sample worksheet below shows **patients with Hep B diagnosis and their treatment or medication not recorded.**

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	Firstname_286	M	10/05/19 38 (83)				Y										17/12/2019	
11136	Surname	Firstname_470	M	10/05/19 42 (79)	Y			Y		Old result 20 13/09/2019	Old result 241 13/09/2019							17/12/2019	
10259	Surname	Firstname_1564	M	10/05/19 94 (27)				Y	Old result 760 06/09/20	Old result 54 06/09/20	Old result 196 06/09/20	Old result 0.9 12/09/20	Old result 5 06/09/20						18/12/2019	Surname_21

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