New Regional Service

Hepatitis C – Community Based

The new regional hepatitis C community based service is now available. The purpose of the service is to provide:

- Clinically lead services delivered within the regionally agreed clinical pathway of care e.g. Map of Medicine and Bay Navigator
- Quality liver elastography scans (Fibroscan) delivered by skilled experienced staff
- Fibroscan and patient education in the community and closer to the patients home
- Geographical coverage across the five Midland DHBs
- Clinical oversight within the service
- Reduction in health disparity

BACKGROUND

Previously the Ministry of Health (MoH) contracted the Hepatitis Foundation of New Zealand (HFNZ) to run a pilot to improve hepatitis C services. The pilot was based in the Bay of Plenty DHB region. Following the pilot a regional hepatitis C project working group was established to develop a pathway of care and, wherever possible, implement lessons learnt from the pilot. The working group had representation from general practice, PHO's, clinical nurse specialist, specialists, HFNZ, Maori Health and a consumer.

Who's providing the service?

Waikato District Health Board (WDHB) has been awarded the contract following an Expression of Interest (EOI) and Request for Proposal (RFP) process. They are expanding their successful hepatitis C clinic which utilises a fixed Fibroscan based at Waikato hospital and by purchasing a mobile Fibroscan enabling more community based access i.e. scans at community venues, prisons and needle exchange.

WDHB are working in partnership with HFNZ who also has a mobile Fibroscan to ensure geographical coverage, and reduce disparity wherever possible. Patients will be booked into clinics across the Midland DHB region.

What service is being provided?

The service provides a **Fibroscan** which measures liver stiffness and is recommended for all patients with chronic hepatitis C, plus if the patient is eligible, a requirement for treatment.

At the Fibroscan appointment the scan result will be discussed with the patient also lifestyle **education, monitoring and treatment options** will be discussed.

How do you refer into the services?

There is a new Midland region community based hepatitis C service eReferral. Regardless of which Midland DHB your practice is in, you refer directly into the service (one central referral point) and your patient will be contacted when there is a clinic in their area.

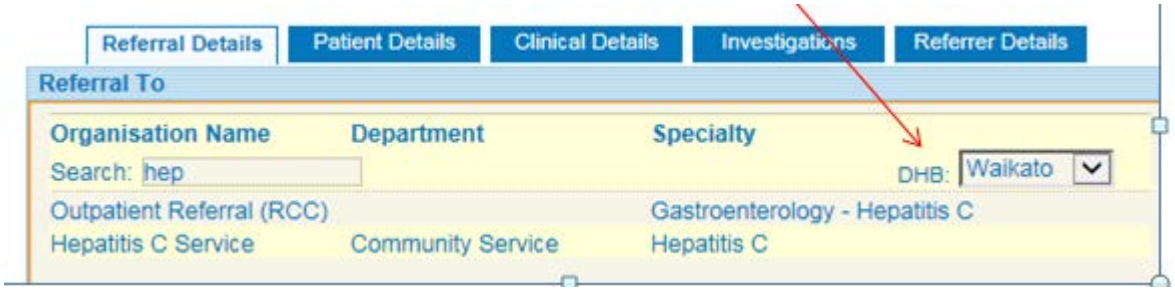
For BOP GP's, the WBPHO and EBPHA – Public, community hepatitis C has been removed and replaced by the new regional eReferral.

Note: historically hepatitis C has not been well coded. This referral will need to be coded before sending.
Read2 term: A70z0.00
SNOWMED: 50711007

1. Searching for the service

Search: Enter "hep or hep C" in the picker
Select: Hepatitis C service – Community Service – Hepatitis C
DHB: Will default to your practices DHB

(*Note: a sub category for hepatitis C secondary services has been added. This is for patients requiring secondary services and are not able to be managed in the community)*



2. Information on the front page of the Hepatitis C service – Community Service:

Midland region community based hepatitis C service

This service is available to **All** patients in the midland DHB region who have been diagnosed with hepatitis C and have not cleared the virus.

The service offers a Liver Elastography Scan eg Fibroscan and lifestyle education. Your patient will be contacted re the next available Fibroscan clinic in their area.

Identification, monitoring and treatment responsibility primarily sits within general practice. This service, along with secondary care, will support management of these patients as required.
Once the Fibroscan is completed, the result, suggested recall and management will be sent back to you

Referral must include:

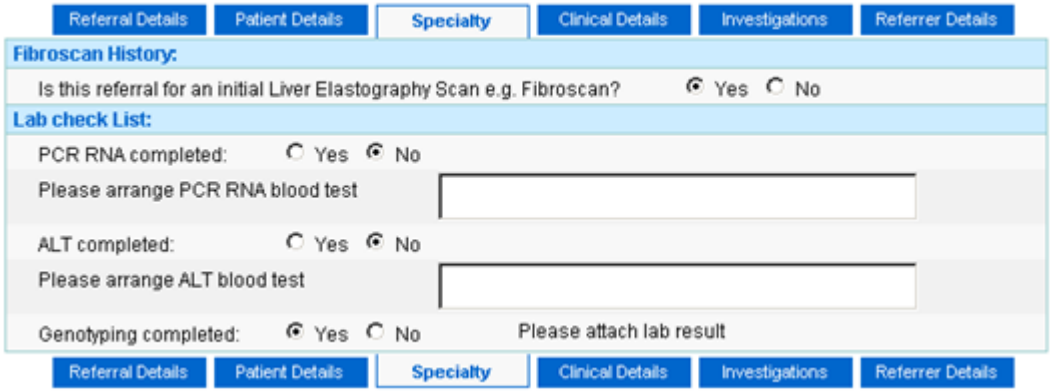
- ALT lab result enabling accurate interpretation of the Fibroscan result
- HCV PCR lab results and genotyping
- Previous Fibroscan result if known.

Patient resource – Understanding the Fibroscan
http://www.hepatitisfoundation.org.nz/files/5714/0970/1947/FibroScan_brochure_V4_FINAL_Feb_14.pdf

Phone - Midland Hepatitis C community based service 07 839 8899 ext. 23017 for queries
For further information:
Map of Medicine
http://www.health.govt.nz/our-work/diseases-and-conditions/hepatitis-c
https://www.pharmac.govt.nz/medicines/my-medicine-has-changed/hepatitis-c-treatments/

3. The Speciality tab

The regional working group were very clear that they want to reduce as many barriers as possible to patients accessing care therefore there are very few mandatory fields in this referral. How the person acquired hepatitis C will be discussed at the Fibroscan appointment.
Message to patients **"We don't care how you got it – get tested"**



What information do I get after my patient has been seen?

Once your patient has been seen the hepatitis C team will message back the Fibroscan result and suggested management and/or treatment plan.

The format of this message will be upgraded over time.

How do I store the Fibroscan result in Medtech?

A new screening term needs to be set up in Medtech (information how to do this is at the end of this communication).

Will this eReferral work in my patient management system (PMS)?

The form is currently available in Medtech32, Medtech Evolution. After further testing it will be available in other PMS's utilised in the midland region. We will update when testing has been completed.

Additional resources:

- Online learning with CME points attached http://learnonline.health.nz/course/category.php?id=9
- Map of Medicine (MOM)/Bay Navigator also contains a treatment pathway for GP and other community based prescribers
- http://www.health.govt.nz/our-work/diseases-and-conditions/hepatitis-c
- https://www.pharmac.govt.nz/medicines/my-medicine-has-changed/hepatitis-c-treatments/

For more information phone the service on: 07 839 8899 ext. 23017

Appendix 1 How to code hepatitis C
Appendix 2 How to set up a screening term for Fibroscan
Appendix 3 How to set up a screening term for hepatitis C genotyping

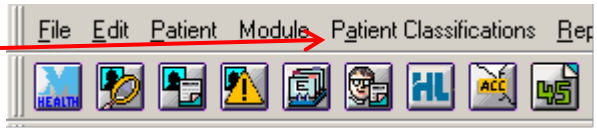
Appendix 1

Hepatitis C Read Code - Medtech

Note: A read code will be required to send an e-Referral to the Midland region community hepatitis C service.

If your PMS uses SNOWMED, use 50711007

1. Select patient and click on **Patient Classification**
   Or
   F6 and select **classification** tab

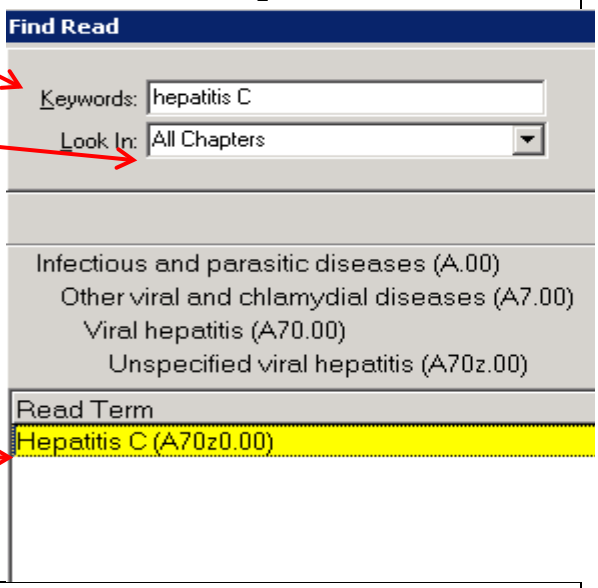


2. Click on new classification icon

3. Keywords field:
   type **hepatitis C**

4. Look In field:
   All chapters from drop selection

L

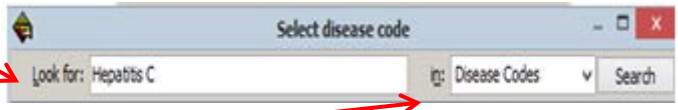
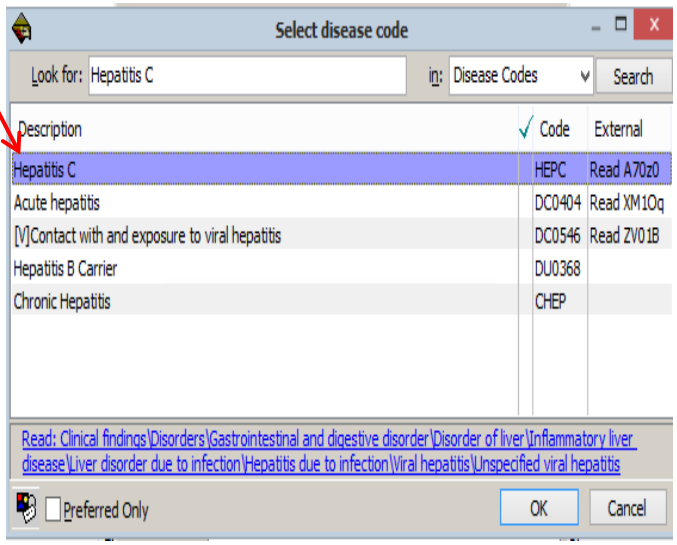


5. Read term: select **Hepatitis C (A70z0.00)**

6. Click **OK**

Hepatitis C Read Code – Profile for Windows

Note: A read code will be required to send an e-Referral to the Midland region community Hepatitis C service

1. Go to**: Select disease code**	
2. Look for: **Hepatitis C** 3. In: **Disease codes**	
4. In Description select: • **Hepatitis C** • Code **HEPC** • External **Read A70z0**	
5. Click **OK**	

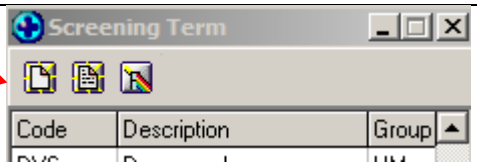
Appendix 2

How to set up a Fibroscan screening term

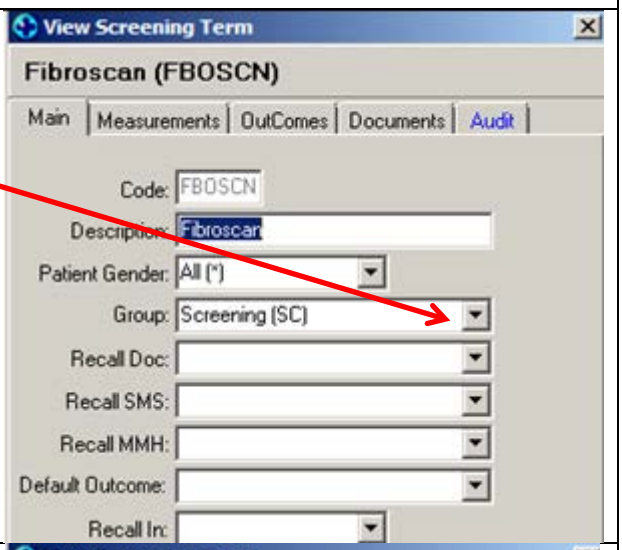
Note: A Fibroscan is a liver elastography scan diagnostic tool to help diagnosis and monitor people with hepatitis c

1. Go to**:**
   Setup/Recall/Screening/Screening Terms

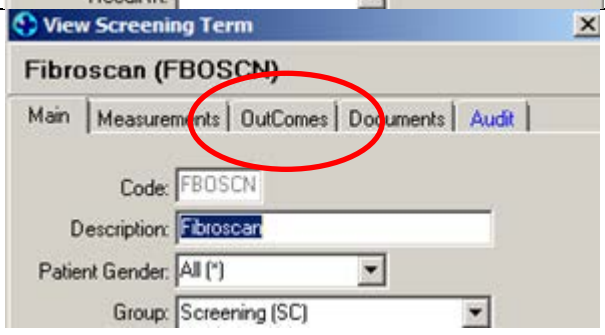
2. Click on new screening term icon



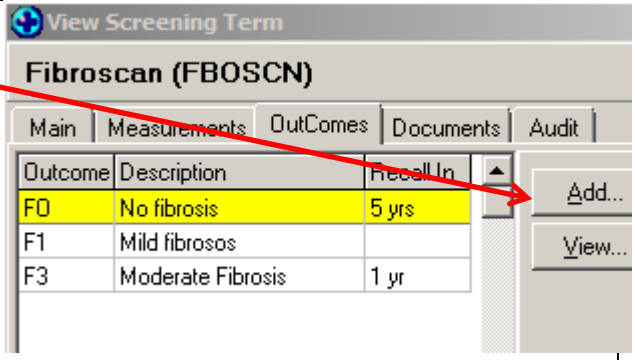
3. Code: enter **FBOSCN**
4. Description: enter **Fibroscan**
5. Group: from the drop down selection select: **Screening (SC)**



6. Select **Outcomes tab**



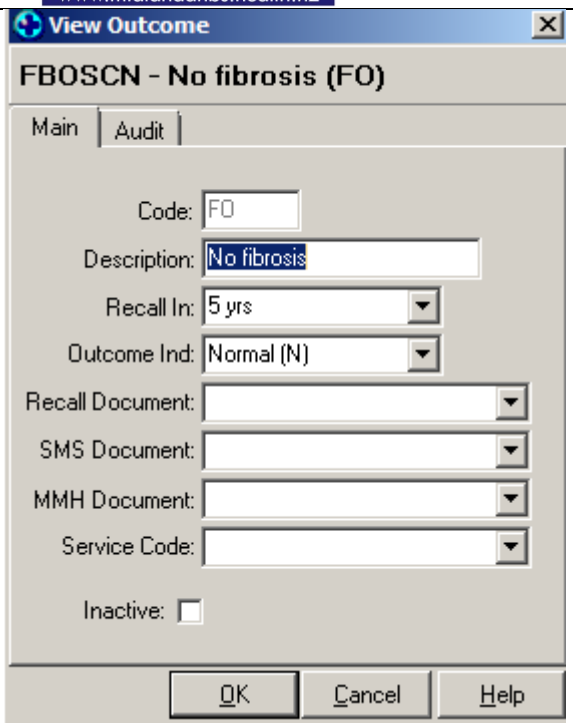
7. Click on **Add...**



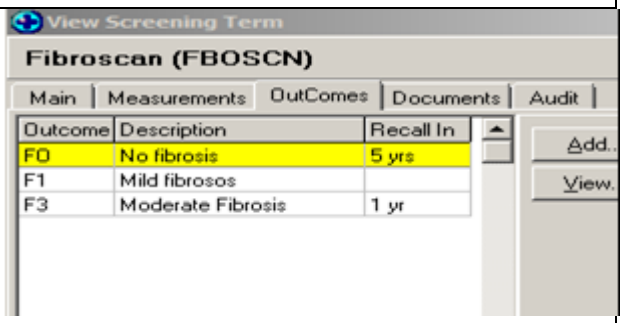
8. Using the table below set up a screening outcome code for each description

Code:	Description:	Recall In:	Outcome Ind
UNSCES	Unsuccessful	leave blank	Exempt (E)
F0	No fibrosis	5 yrs	Normal (N)
F1	Mild fibrosis	5 yrs	Abnormal (A)
F2	Moderate fibrosis	2 yrs	Abnormal (A)
F3	Severe fibrosis	1 yr	Abnormal (A)
F4	Cirrhosis	leave blank	Abnormal (A)

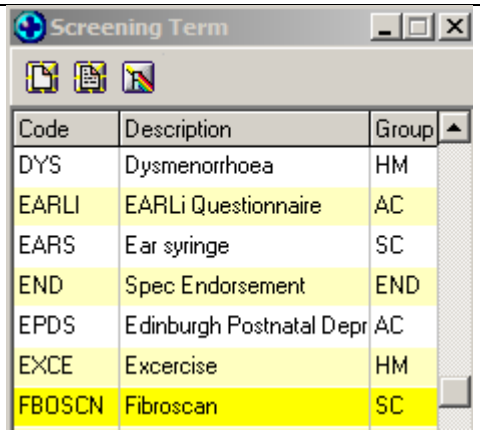
9. Select: **OK**



10. Your Screening Term list will look similar to this (this is not the complete list)



11. Fibroscan is now a new screening term available for use



Appendix 3

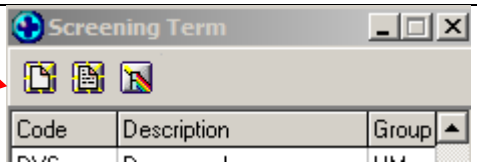
How to set up hepatitis C virus (HCV) genotype screening term

Note: Hepatitis C has 6 Genotypes (1-6). A patient may have more than one Genotype. Enter a screening term for each Genotype the patient has.

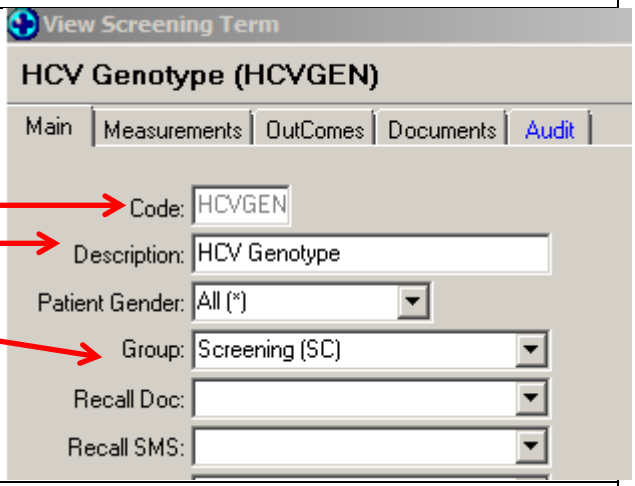
(Currently the result is in text which means a query cannot be generated to identify patients with a particular genotype. Work is in progress to re format HCV Genotype lab result so the lab result will be filed and retrieved easily.)

1. Go to**:**
   Setup/Recall/Screening/Screening Terms

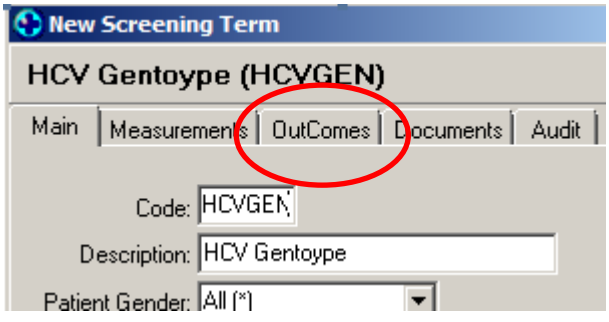
2. Click on new screening term icon



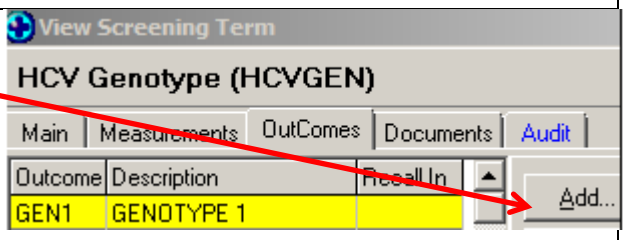
3. Code: enter **HCVGEN**
4. Description: enter **HCV Genotype**
5. Group: from the drop down selection select: **Screening (SC)**



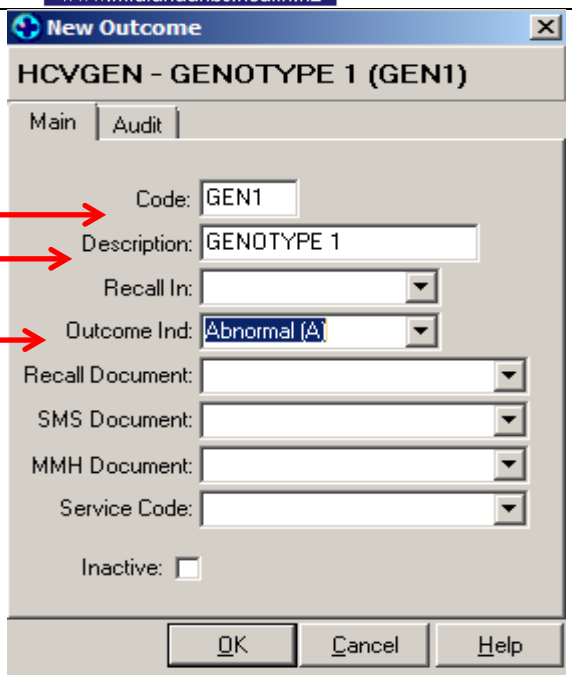
6. Select **Outcomes tab**



7. Click on **Add...**



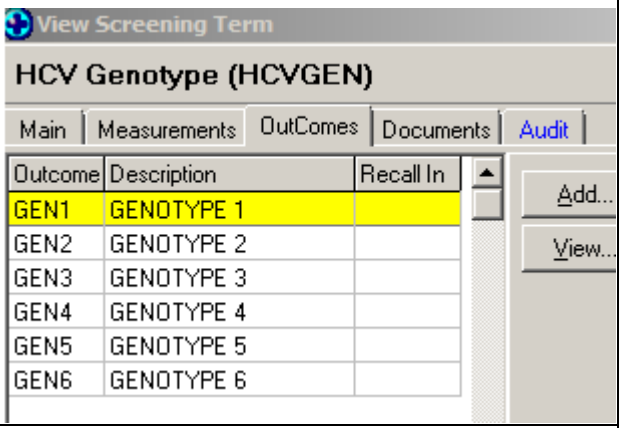
8. Code: enter **GEN1**
9. Description: enter **GENOTYPE 1**
10. Outcome Ind: select from dropdown box **Abnormal (A)**
11. Select: **OK**



12. Repeat step 7 to 11 using the table to the right

Code:	Description:	Outcome Ind
GEN1	Genotype 1	Abnormal (A)
GEN2	Genotype 2	Abnormal (A)
GEN3	Genotype 3	Abnormal (A)
GEN4	Genotype 4	Abnormal (A)
GEN5	Genotype 5	Abnormal (A)
GEN6	Genotype 6	Abnormal (A)

13. Your screening outcomes will look like this



Important information – a genotype may have a letter next to the number and a patient may have more than one genotype eg a patient may have HCV Genotype 1a and 3c.

Select screening term HCVGEN and outcome GEN1 and in the note field enter 1a – click **OK**
Then select outcome GEN3 and enter 3c in the note field – click **OK**

You can now run a medtech query on patients genotypes to support treatment options