





## 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)

Referral Details	Patient Details	Clinical Details	Investigations	Referrer Details	
Referral To					
Organisation Name	Department	Spe	cialty	7	
Search: hep				DHB: Waikato 🗸	
Outpatient Referral (RC	C)	Gas	troenterology - H	Hepatitis C	
Hepatitis C Service	Community Se	rvice Hep	atitis C		
		-			

#### 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"

Referral Details	Patient Details	Spec	alty Clin	ical Details	Investigations	Referrer Details
Fibroscan History:						
Is this referral for an	initial Liver Elast	ography So	an e.g. Fibroso	an? 📀	Yes C No	
Lab check List:						
PCR RNA complete	d: O Yes	No				
Please arrange PCF	RNA blood test	Γ				
ALT completed:	C Yes	• No				
Please arrange ALT	blood test	Γ				
Genotyping complet	ed: 💽 Yes	C N0	Please	attach lab res	ult	
Referral Details	Patient Details	Spec	alty Clin	ical Details	Investigations	Referrer Details

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

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

Appendix 1 How to code hepatitis CAppendix 2 How to set up a screening term for FibroscanAppendix 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						
<ol> <li>Select patient and click on Patient Classification Or F6 and select classification tab</li> </ol>	<u>File Edit Patient Module</u> Patient Classifications <u>Ber</u>					
2. Click on new classification icon	Patient Manager     Clinical Template   History   Appointments   Immunisation   Contac     Daily Record   Medications Classifications   Medical Warnings       Daily Record   Medications Risk Value: 0     Rep Date   Read Code Term   Note					
<ol> <li>Keywords field: type hepatitis C</li> </ol>	LL					
<ol> <li>Look In field: All chapters from drop selection</li> </ol>	Find Read  Keywords: hepatitis C Look In: All Chapters					
	Infectious and parasitic diseases (A.00) Other viral and chlamydial diseases (A7.00) Viral hepatitis (A70.00) Unspecified viral hepatitis (A70z.00)					
E Dood torm: coloct <b>Honotitic C</b>	Read Term Hepatitis C (A70z0.00)					
5. Read term: select <b>hepatitis C</b> (A70z0.00)						
6. Click <b>OK</b>						



#### 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 - 🗆 🗙 ê Select disease code Look for: Hepatits C v Search in: Disease Codes 3. In: Disease codes 4. In Description select: **Hepatitis C** • \_ 🗆 🗙 ۲ Select disease code Code HEPC • Look for: Hepatitis C in: Disease Codes ✓ Search External Read A70z0 Description ✓ Code External Hepatitis C HEPC Read A70z0 Acute hepatitis DC0404 Read XM1Og [V]Contact with and exposure to viral hepatitis DC0546 Read ZV01B Hepatitis B Carrier DU0368 Chronic Hepatitis CHEP Read: Clinical findings\Disorders\Gastrointestinal and digestive disorder\Disorder of liver\Inflammatory liver disease\Liver disorder due to infection\Hepatitis due to infection\Viral hepatitis\Unspecified viral hepatitis 😽 🗌 Preferred Only OK Cancel 5. Click OK



Appendix 2

How to set up a Fibi Note: A Fibroscan is a liver elastography scar people with hepatitis c	<b>TOSCAN SCREENING TERM</b> In diagnostic tool to help diagnosis and monitor
1. Go to: Setup/Recall/Screening/Screening Terms	
2. Click on new screening term icon	Screening Term
<ol> <li>Code: enter FBOSCN</li> <li>Description: enter Fibroscan</li> <li>Group: from the drop down selection select: Screening (SC)</li> </ol>	View Screening Term       ×         Fibroscan (FBOSCN)         Main       Measurements       OutComes       Documents       Audit         Code:       FBOSCN         Description:       Fbioscar         Patient Gender:       All (*)         Group:       Screening (SC)         Recall Doc:       •         Recall SMS:       •         Default Outcome:       •         Recall In:       •
6. Select <b>Outcomes tab</b>	View Screening Term       ×         Fibroscan (FBOSCN)       Main         Main       Measurements       DutComes         Code:       FBOSCN         Description:       Fbioscar         Patient Gender:       All (*)         Group:       Screening (SC)
7. Click on <b>Add</b>	View Screening Term         Fibroscan (FBOSCN)         Main       Measurements       OutComes       Documents       Audit         Outcome       Description       Recall In       Add         F0       No fibrosis       5 yrs       Add         F1       Mild fibrosos       Yiew         F3       Moderate Fibrosis       1 yr

	H	ealtl	Share	Www.midlanddhbs.health.nz
<ol> <li>Using the table below set up a screening outcome code for each description</li> </ol>		t up a for each	View Outcome     FBOSCN - No fibrosis (FO)	
Code:	Description:	Reca II In:	Outcome Ind	
UNSCES	Unsuccessful	leave blank	Exempt (E)	Code: F0 Description: No fibrosis
F0	No fibrosis	5 yrs	Normal (N)	Recall In: 5 yrs
F1	Mild fibrosis	5 yrs	Abnormal (A)	Outcome Ind: Normal (N)
F2	Moderate fibrosis	2 yrs	Abnormal (A)	SMS Document:
F3	Severe fibrosis	1 yr	Abnormal (A)	MMH Document:
F4	Cirrhosis	leave blank	Abnormal (A)	Service Code:
9. Se	<ul> <li>9. Select: OK</li> <li>10. Your Screening Term list will look similar to this (this is not the complete list)</li> </ul>			OK       Cancel       Help         Image: Construction of the state of th
	ailable for use	new sci	eening term	Screening Term       ■         Screening Term       ■         Screening Term       ■         Screening Term       ■         Code       Description       Group         DYS       Dysmenorrhoea       HM         EARLI       EARLi Questionnaire       AC         EARS       Ear syringe       SC         END       Spec Endorsement       END         EPDS       Edinburgh Postnatal Depr       AC         EXCE       Excercise       HM         FBOSCN       Fibroscan       SC



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	Screening Term
3 Code: enter <b>HCVGEN</b>	View Screening Term HCV Genotype (HCVGEN) Main Measurements DutComes Documents Audit Code: HCVGEN
<ol> <li>Description: enter HCV Genotype</li> <li>Group: from the drop down selection select: Screening (SC)</li> </ol>	Description: HCV Genotype Patient Gender: All (*) Group: Screening (SC) Recall Doc: Recall SMS:
6. Select Outcomes tab	New Screening Term HCV Gentoype (HCVGEN) Main Measurements OutComes Documents Audit Code: HCVGEN, Description: HCV Gentoype Patient Gender: All (*)
7. Click on <b>Add</b>	View Screening Term HCV Genotype (HCVGEN) Main Measurements OutComes Documents Audit Outcome Description GEN1 GENOTYPE 1

HealthShare He Rourou Takitahi Made de Rourou Takitahi Made de Rourou Takitahi					
💽 New Outcome	×				
HCVGEN - GENOTYPE 1 (GEN1	HCVGEN - GENOTYPE 1 (GEN1)				
Main Audit	Main Audit				
Code: GEN1	_				
9. Description: enter GENOTYPE 1					
10. Outcome Ind: select from dropdown					
box Abnormal (A) Outcome Ind: Abnormal (A)					
11. Select: OK Recall Document:	-				
SMS Document:	•				
MMH Document:	<b>-</b>				
Service Code:	-				
Inactive: 🗖					
<u> </u>	<u>H</u> elp				
12. Repeat step 7 to 11 using the table Code: Description: Outcom	e Ind				
to the right GEN1 Genotype 1 Abnorma	al (A)				
GEN2 Genotype 2 Abnorma	al (A)				
GEN3 Genotype 3 Abnorma	al (A)				
GEN4 Genotype 4 Abnorma	al (A)				
GENS Genotype 5 Abnorma	al (A) al (A)				
13. Your screening outcomes will look					
like this					
HCV Genotype (HCVGEN)					
Main Measurements OutComes Documer	nts Audit				
Outcome Description Recall In	Add				
GEN1 GENOTYPE 1					
GEN3 GENOTTEE 3	<u>V</u> iew				
GEN4 GENOTYPE 4					
GEN5 GENOTYPE 5					
GEN6 GENOTYPE 6					
<b>Important information</b> – a genotype may have a letter next to the number and a patient m more than one genotype eg a patient may have HCV Genotype 1a and 3c.	ay have				
Select screening term HCVGEN and outcome GEN1 and in the note field enter $1a - \text{click } \mathbf{C}$	Ж				
You can now run a medtech query on patients genotypes to support treatment optio	ns				