Hanging Ten for Liver Health
Contents

• Introduction
• Who we are
• Our history
• Summary Hepatitis in NZ
• Innovative Community Programme
The Hepatitis Foundation of New Zealand

A registered charitable trust whose mission statement is:

“To improve health outcomes for people living with hepatitis B and C in New Zealand”

Over 30 years experience in delivering community based services in a shared care environment - facilitation, assessment, follow-up, education and support
1976: Identification of endemic HBV

Notified cases of acute HBV in Whakatane (population 35,000), NZ, from 1976 to 1978

30+ year History of Community Based Services

1983 – NZ government agrees to vaccinate at risk adults

1984 – Kawerau Study

1985 – Hepatitis Foundation initiates and funds own mass childhood vaccination programme

1986-87/88 – MOH vaccination programmes rolled out
new born, infants, 12yr olds

1999 – 2002 – National Screening Programme – 566,000 at risk – 188,000 screened
Common forms of transmission
Ethnicity

<table>
<thead>
<tr>
<th>Ethnicity</th>
<th>% HBsAg+</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maori</td>
<td>5.8%</td>
</tr>
<tr>
<td>Cook Is</td>
<td>7.4%</td>
</tr>
<tr>
<td>Niuean</td>
<td>9.1%</td>
</tr>
<tr>
<td>Tongan</td>
<td>13.3%</td>
</tr>
<tr>
<td>Indian (50,000)</td>
<td>0.6%</td>
</tr>
<tr>
<td>SE Asian (20,000)</td>
<td>9.3%</td>
</tr>
<tr>
<td>Chinese (72,500)</td>
<td>9.4%</td>
</tr>
</tbody>
</table>
Projected ethnic populations 2001-2021

http://www.stats.govt.nz/Products-and-Services/Articles/po-pop-proj.htm
Impact of endemic HBV infection in NZ

Liver mortality:
- HBV: 63%
- Alcohol: 31%
- HCV: 8%
- Other: 4%

Hepatoma Clinic:
- HBV: 60%
- HCV: 21%
- Alcohol: 9%
- NASH: 7%
- Other: 3%

200 cases per annum


The Hepatitis Foundation of New Zealand
Health burden from hepatitis C is increasing as the infected population gets older

Chronic Hepatitis in New Zealand

- 150,000 chronic infection
- Only acute HBV/HCV is notifiable
- Immigration from high prevalence countries
- Ageing population
- 400 deaths per year > 1000 deaths by 2030
- Hepatocellular Carcinoma – 5th most common cancer in the world
- Leading cause of liver transplantation/liver related death in NZ
Northland: Community Based Programme
Northland Demographics

- Population 30,000
- 3000 chronically infected with HBV
- 4.1% Maori woman, 7% Maori men HBV +
- 1/3 do not respond to follow up
- A te wa – often leading to late presentation
Why engage in the Community Clinic?

- Easy Access – convenient
- Familiar Environment – know and trust
- Speciality Treatment in Primary Setting
- Opportunity for Wellness Checks
- Free!
NGO – New Model Of Care

• NDHB - Memorandum of Understanding, clinical oversight, remote treatment & care

• PHO – Clinical Directors/Nurse Educators/Practice Facilitators/Query Builder/Dashboard

• GP PRACTICE & NGWHA PRISON – Awareness/education/secondary care expertise & technology

• COMMUNITITY – Media, health expo’s, whanau grapevine, Foundation Nurses
The Fabulous Flying FibroScan – taking secondary care technology into Primary Care

A FibroScan provides information about the health of your liver

It is a simple, painless tool that determines if liver damage (fibrosis or cirrhosis) is present

Results are immediately available
CRM/FibroScan Nurse Partnership

- Targeted approach
- Relationship Building
- Information sharing
- Networking

- FibroScan Training certificated
- Learning FibroScan practicalities & procedure
- Clinic appointment logistics
- Patient/Clinical Educator
Tying it all up

CRM

Established Trust & Awareness Communication with primary and secondary care

Nursing knowledge and experience, familiar with healthcare services & hepatitis patients, data base

FibroScan nurse

Venepuncture, interpretation of lab reports and results, patient education, informed consent

Public Relations Resource development & distribution

Administration Liaising with GP practices/new referrals & THF administration officer

Hepatitis Foundation Community Nurse

Data Entry Training/ Clinical Oversight/ Reporting to GP/Secondary care

The Hepatitis Foundation of New Zealand
Northland DHB FibroScan Clinic Results

FibroScan results from the Northland Hepatitis Programme

A total of 149 successful FibroScan assessments were completed. Of these, 105 were people with chronic hepatitis B and 44 were people with chronic hepatitis C.

- Over 200 new referrals for HBV & HCV to The Hepatitis Foundation
- Over 31 people were shown to have elevated results, therefore liver disease, requiring referral to secondary care
- Cementing the relationship between The Foundation, Secondary & Primary Care and patients
Role of THF Community Hepatitis Nurse

• Visits newly diagnosed patients at a location that suits them
• Educates people with hepatitis and their families / contacts
• Refers patients to secondary care (if required)
• Collaborative relationship with general practice
The Hepatitis Foundation of New Zealand

THF FibroScan Team

• Communication
• Flexibility – one size did not always fit all
• Defined responsibilities – but working together
• Clinical oversight and referral to secondary care
• Post clinic review/feed back
## Enrollments to Foundation/FibroScan clinic referrals 2013-2015

<table>
<thead>
<tr>
<th>Current Enrollments</th>
<th>New Enrollments From GP Practice</th>
<th>Prisons</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>778</td>
<td>222</td>
<td>15</td>
<td>237</td>
</tr>
</tbody>
</table>
We are on the Right Track!! (Testimonials)

- Yes, location was great. Patients do not like attending Whangarei Hospital for five minutes – Lorna Denmead – Te Kohanga –

- Management within the community provides improved access for the patient to Hepatitis Specialists. It ensures the best chance of the patient responding, and timely follow up appointments and treatments. – Dr’s Steele, Bristow, Hampson & Dudas – Kerimed Medical Partnership – Kerikeri
Thank you!

KNOW IT. TEST IT. TREAT IT.