# Eliminating Hepatitis? Chasing Equity

Prof Bev Lawton hv2024 Darwin **Te Tātai Hauora o Hine** 





# Larrakia







# **Disclosures :None**





# WHO goal: elimination of viral hepatitis as a public health threat





# **Aotearoa New Zealand**

- HepC action Plan 2021
- Estimated 45,000 (Now 20,000\*) living with HepC
- 40% of those don't know it
- Est 93,000 living with chronic HepB (2% NZ)
- Estimated Chronic HepB infection Māori 5.6% European 0.5%
- Overall almost 50% don't know they have it
- Only 20% chronic HepB are under surveillance Horsfall 2020 NZMJ, \*Prof Ed Gane





# **Aotearoa: Liver cancer**

- Overall Māori over represented in advanced liver cancer due to Hep B or Hep C making up 45% and 23% respectively (Schauer 2020 NZMJ)
- Incidence of advanced HepB liver cancer increasing
- Approx 40% do not have a diagnosis of HepB when presenting with cancer
- 26% known to have HepB but no surveillance Mules 2018 NZMJ





# HPV disease\*- Intervention points:

#### A Continuum

<ul> <li>P1:</li> <li>Primary prevention</li> <li>Whanau (family)</li> <li>Childhood</li> <li>Adolescent</li> </ul>	rimary prevention Whanau (family) Childhood Adolescent Primary prevention • Abstinence • Barriers / condoms • HPV vaccination	P3: Diagnosis of HPV: Cervical screening HPV DNA testing Colposcopy	P4: Treatment of HPV Abnormalities
<ul><li>Sex and Babies</li><li>Schools</li><li>Communities</li></ul>			

C1 Diagnosis of Cancer: Cervical, anal, oral, penile Colposcopy, Biopsy

C2 Treatment of Cancer Surgery Radiation Chemotherapy C3 Palliation Chemotherapy Radiation Pain management Hospice Grief management





# Hepatitis B disease - Intervention points:

#### A Continuum

P1:	P2:	P3:	T1:
<ul> <li>Primary prevention</li> <li>Whanau</li> <li>Childhood</li> <li>Sex and Babies</li> <li>Vaccination</li> <li>Schools</li> </ul>	<ul> <li>Primary prevention</li> <li>Abstinence</li> <li>Barriers / condoms</li> <li>HBV vaccination</li> <li>Clean Needles</li> <li>Immunoglobulin</li> </ul>	Diagnosis of HBV: Screening for HBV Liver scans Liver functions Viral load	Anti-virals Reduce damage to liver Liver Transplant
<ul><li>Education</li><li>Communities</li></ul>			

<mark>C1</mark>	<mark>C2</mark>	<mark>C3</mark>
Diagnosis of Cancer	Treatment of Cancer	Palliation
	Surgery	Chemotherapy
	Radiation	Radiation
	Chemotherapy	Pain management
l		Hospice
		Grief management





# Hepatitis C disease - Intervention points:

#### A Continuum

<mark>P1 :</mark>	P2:	P3:	T1
Primary prevention	Primary prevention	Diagnosis of <mark>HCV:</mark>	Treatment for cure
• Whanau	Abstinence	Screening for Antibodies,	<mark>(Maviret)</mark>
Childhood	Barriers / condoms	Viral load	
Adolescent	Clean Needles	Liver scans	
• Sex, Babies		Liver functions	
• Education			
Schools			
Communities			

C1	C2	C3
Diagnosis of Cancer	Treatment of Cancer	Palliation
	Surgery	Chemotherapy
	Radiation	Radiation
	Chemotherapy	Pain management
		Hospice
		Grief management





# These are opportunities





# Adressing Equity: Is change possible?

# System and individual changes are needed

#### Hyman JADA 2006

Dental Care in the Military Free, compulsion, playbook 
 shutterstruck





# Change when there is a will !

- EQUITY tools / levers / protocols
- Examine the whole clinical pathway
- Any door is a good door
- Putea (money, resources)
- Policies
- Modelling and Monitoring





# **Innovation - Equity Levers**

# HPV self-testing

#### To prevent cervical cancer





HCV Test and treat





**WHO** recommends that all adults have access to and be offered HCV testing with linkage to prevention, care and treatment services.





# **Empowering communities? – equity levers**

- Whole clinical pathway from test to treatment using Point of Care Technology (PoCT)
- Ngāti Porou Oranga HCV campaign not resourced and not empowered
- No Elimination Plan
- 10,000 in Rohe –150 annual POC tests







# **Community Events**





Sunday 30th July 2023 11am - 1pm

At the "NEW" Puhi Kaiti Community **Health Centre** Te Tini o Porou, Cnr Tyndall & Huxley Roads (use Tyndall Rd entrance)

> Vaccinations: COVID, Flu, Childhood Immunisations.

FREE Dumplings, sausage sizzle, drinks & wellness packs





# Kaumātua leadership



- Māori elders, knowledge holders
- Study planning initiated on their invitation in their rohe
- Researcher and guidance roles including advising tikanga Māori (Māori customs)

- Essential

Pictured: Matthew Bennett and Potace Bennett; Charles Lambert and Vilma Hape; Wendy Dallas Katoa and Dame Areta Koopu; Dame Areta Koopu and Bev Lawton





### **Community / Iwi approaches**







# Te Kaha: Dr Rachel Thomson

- Te Whānau-ā-Apanui (Iwi/Tribe)
- Rural Māori community (approx. 2000)
- Trusted provider, warm hand-over,
- Community leadership /control of continuum

#### Thomson NZMJ 2009 Breast screening

https://www.rnzcgp.org.nz/RNZCGP/Dashboard/COVID-19\_vaccine\_webinar\_July\_2021.aspx

Start at 19mins





# Listen

- Listen Pūrakau (stories) Whānau (family) voices
- Lack of Trust built on experience
- Normalise Disparities (Prof Jacqui Kidd, Ngāpuhi)

"It's the kitchen table stories, that say, 'This is just what happens in our whānau - we get diabetes, we get breast cancer, we get ovarian cancer - we don't live until we're 60...' It is normalised," Kidd says.

"And that's why Māori don't go and see their GP - fear of how they'll be treated, by a racist system," she says.

Longmore Kai Tiaki Jul 2023:1-9





# **Flip the Narrative**







# Wrap around care ?

- Shopping ?
- Respecting the mana of communities
- "We are the experts and we have the solutions"





# Lift the Silence Normalisation of white privilege





# **Research activism**

Using research to:

- inform programmes
- lobby for a fully-funded programme
- call for countries to address WHO targets for Indigenous peoples
- expose privilege



"Get It Right for Māori you get it right for everyone"

Dr Paratene Ngata





# **No Elimination Without Us!**





### Kia ora- Thank-you

#### Thanks to the wahine, clinics, elders Research cast of thousands



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