



Hep B PAST updates

Prof. Jane Davies on behalf of the Hep B PAST Program

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RESEARCH**



Acknowledgement of Country

I wish to acknowledge the Larrakia people, the traditional owners and custodians of the land on which I am presenting today and pay respect to their Elders, past, present and emerging. I also wish to pay my respects to all other Aboriginal and Torres Strait Islander people, including those joining us today.



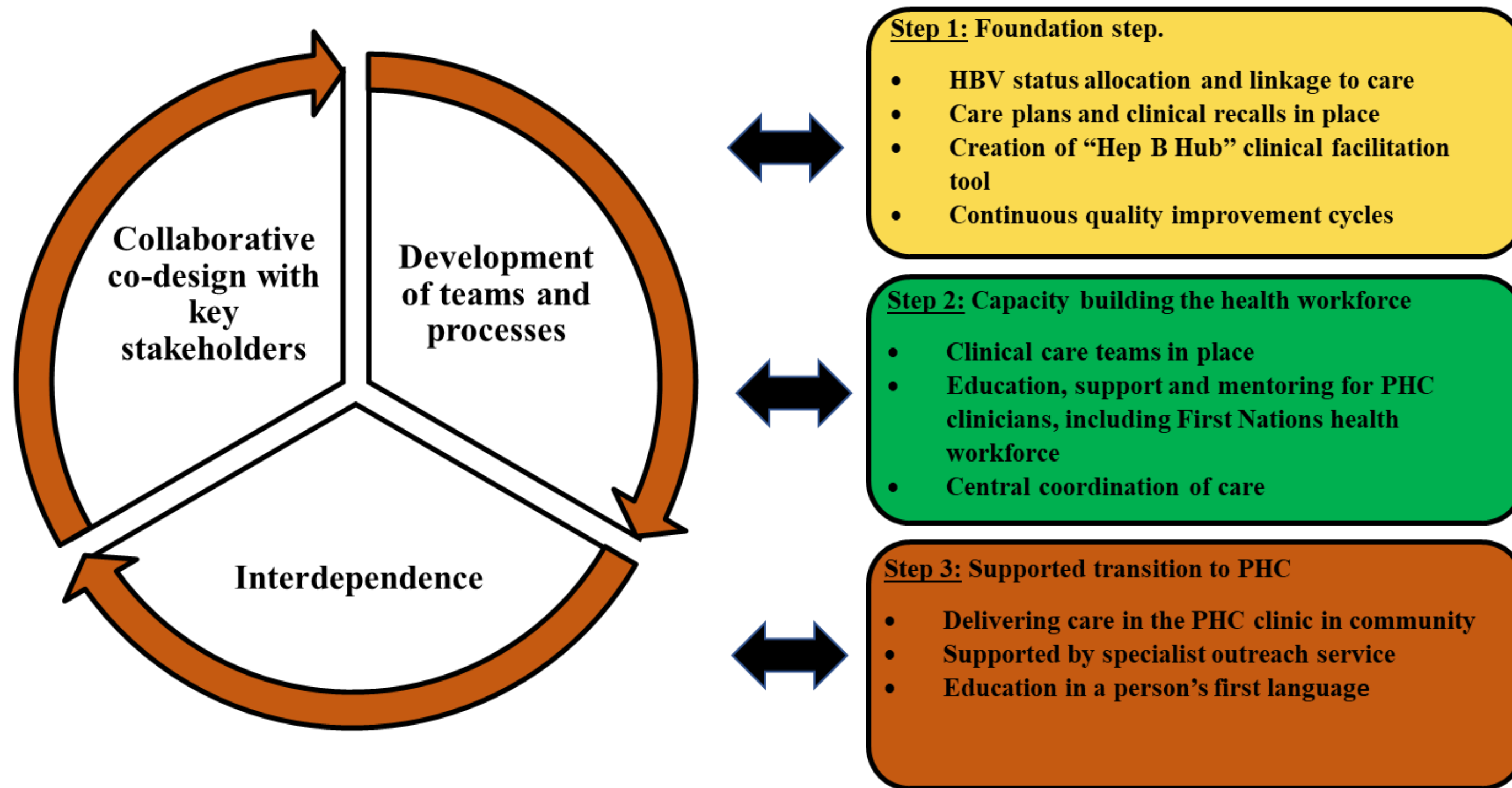
Hep B PAST Plus - Partners



Marthakal Homelands Health Service



Hep B PAST model of care



the “liver one-stop shop” – hub and spoke design



Hep B PAST achievements

- Hep B Story App - available in 11 Aboriginal languages.
- Hep B Hub –all individuals identified as living with CHB in the NT are within the Hep B Hub clinical facilitation tool. All partners are exceeding the national elimination targets for diagnosed, in care and on treatment.
- Health workforce training delivered to over 200 members of the Aboriginal and Torres Strait Islander health workforce and 200 medical practitioners/nurses over the life of the project.



Hep B Story

A visual, interactive app which is designed for patients living with chronic hepatitis B and their families

11 Aboriginal languages available now

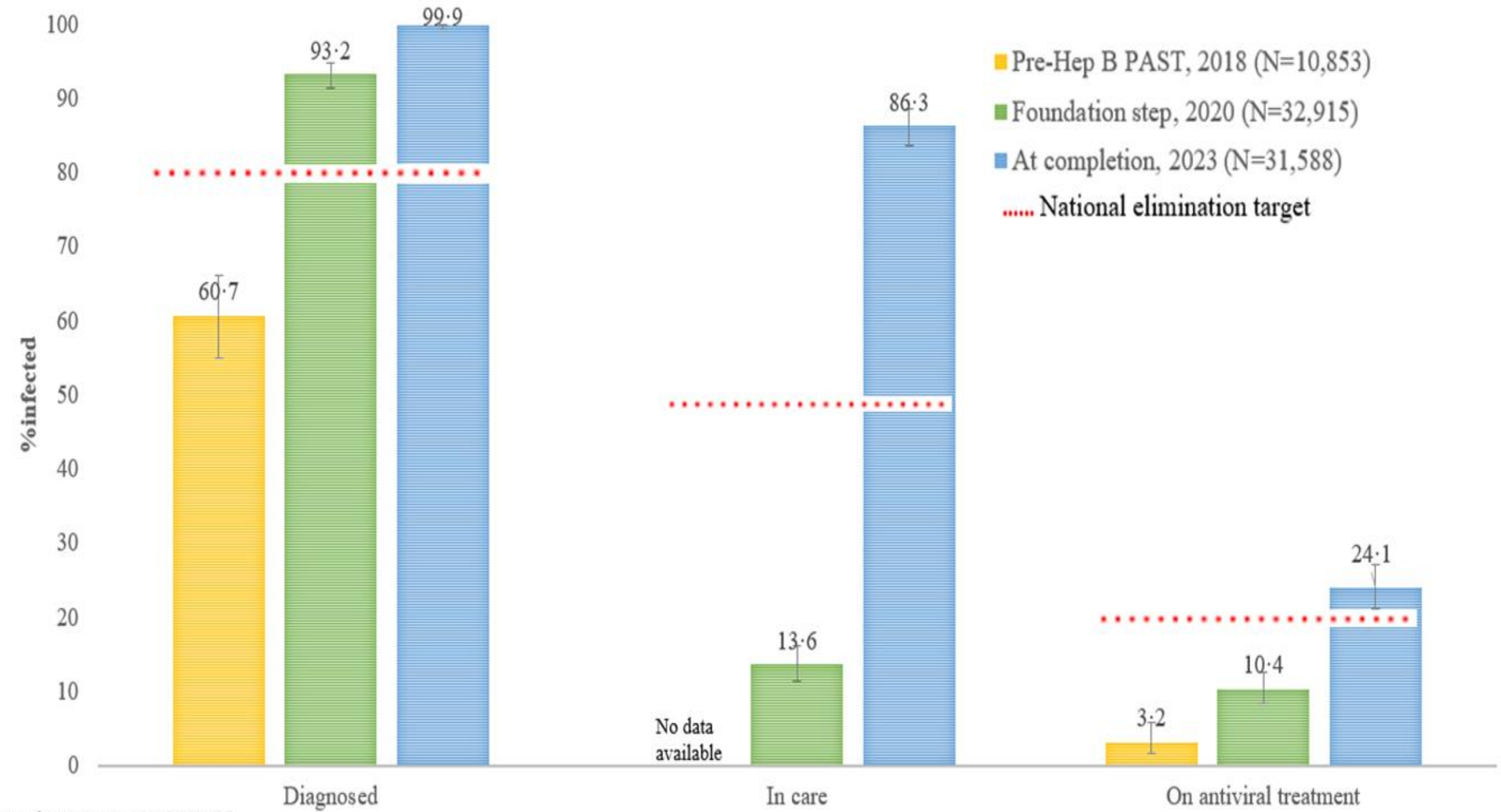
Yolju Anindilyakwa Arrernte Burarra
Kriol Pitjantjatjara Tiwi Warlpiri Kunwinjku
NEW Murrinh Patha Wubuy

GET IT ON Google Play Download on the App Store

Web app also available now
hepbstory.menzies.edu.au

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Cascade of care for chronic hepatitis B



Error bars represent 95% CI

Note: There is no data in Pre-Hep B PAST “in care” as it was not possible to measure this variable before the creation of the “Hep B Hub”

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Articles
Evaluating a novel model of hepatitis B care, Hep B PAST, in the Northern Territory of Australia

Articles
Real-time continuous glucose monitoring-guided glucose management in inpatients with diabetes

Viewpoint
Incorporating AI into cardiovascular diseases prevention—insights from Singapore

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OPEN ACCESS

- Diagnosed **99.9%**
- Engaged in care **86.3%**
- On Antiviral treatment **24.1%**

Summary of recent publication

RESEARCH

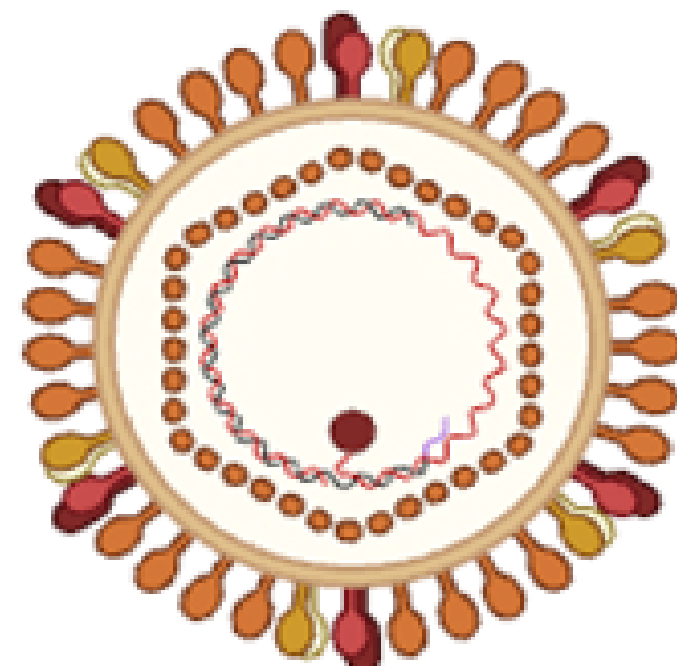
Open Access



Disease progression & treatment need in sub-genotype C4 hepatitis B infection: a retrospective cohort study in the Northern Territory, Australia

Genevieve E. Martin^{1,2,3}, Kelly Hosking^{1,2}, Kelly Banz², Catherine Gargan², Geoff Stewart², Belinda Greenwood-Smith², Penelope Ramsay^{2,4}, Jaclyn Tate-Baker², Christine Connors², Paula Binks¹, Melita McKinnon¹, Prashanti Manchikanti⁵, George Garambaka Gurruwiwi¹, Nicole Allard⁵, Ashleigh Qama⁵, Jessica Michaels⁶, Emily Vintour-Cesar¹, Robert Batey², Catherine Marshall^{1,2}, Peter Nihill², Tammy-Allyn Fernandes², Karen Fuller⁷, Steven Y. C. Tong^{3,8}, David Boettiger^{1,9}, Benjamin Cowie^{3,5,8}, Joshua S. Davis^{1,10}, Sarah Mariyalawuy Bukulatjipi⁴, Jane Davies^{1,2*} and on behalf of the Hep B PAST Partnership

Sub-genotype C4 hepatitis B virus



Longitudinal analysis

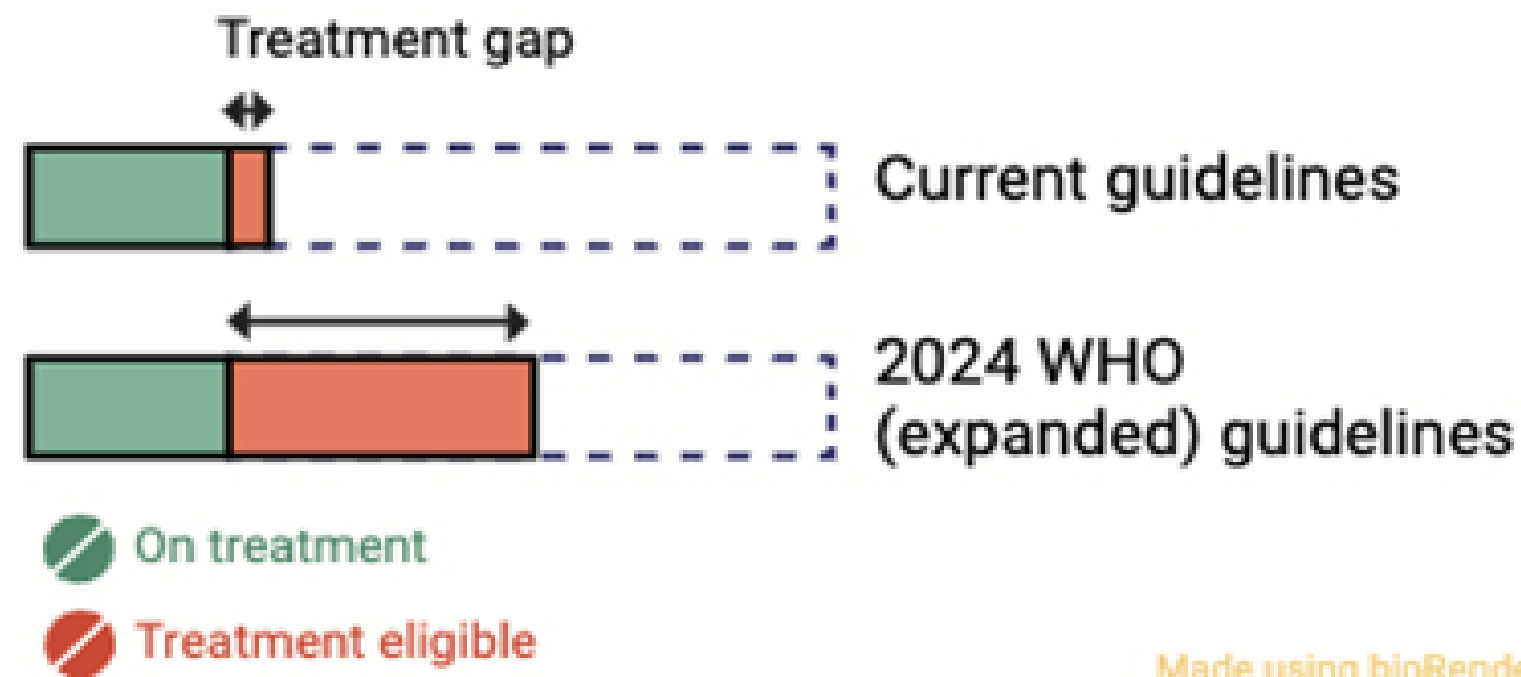
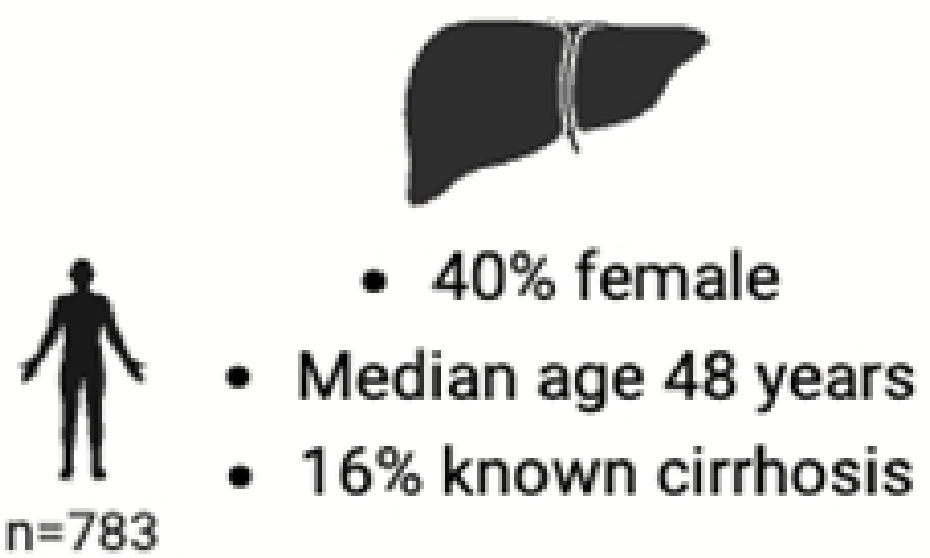
HBsAg+ after 10 years



HBeAg+ after 10 years

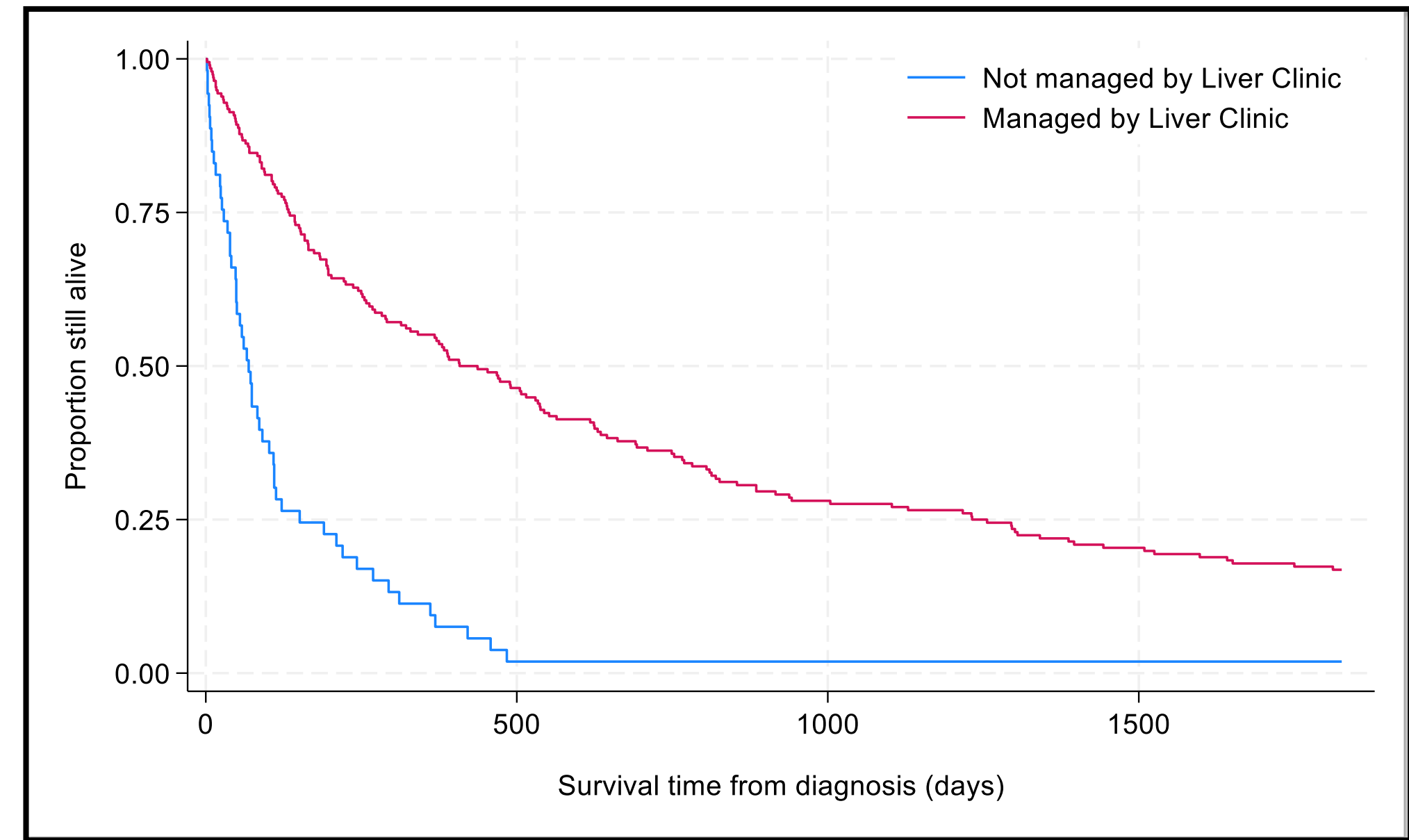
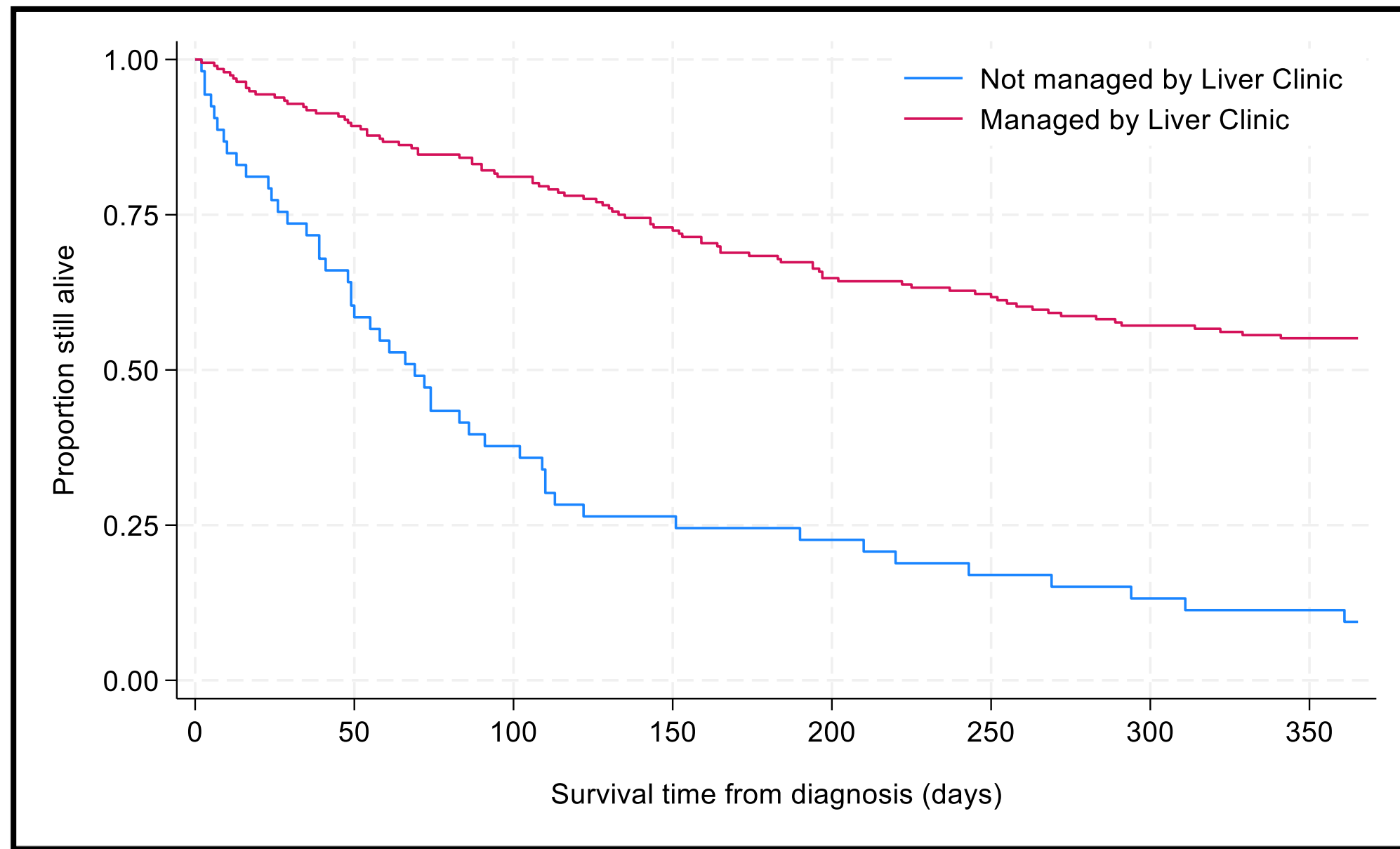


Cross-sectional analysis



Managed by the liver clinic – HCC survival

First Nations people's survival increased from **83** Days in 2006-09 to **252** Days in 2015-19



- Improved survival due to early diagnosis and treatment uptake.
- Fewer people receiving no treatment or palliative care only
- First Nations people were offered and received more curative treatments.

Now 11 Aboriginal languages – more coming.....

Murrinh patha

Murrinh patha is the language of the Murrinh patha people, most of whom live in Wadeye in the Northern Territory, where it is the dominant language of the community.

Murrinh patha is one of the few Australian Aboriginal languages whose number of speakers has increased and whose usage has expanded over the past generation. The local school in Wadeye delivers a bilingual program in Murrinh patha and English.

In the Murrinh patha language, a common way to say "hello" is "Ngarra".

The word for "liver" in Murrinh patha is "Panhu".



The Hep B Story App is now available to download in Murrinh patha!

Apple App Store



Google Play Store



Hep B Story

Download the app today!
Now available in Wubuy and Murrinh Patha.



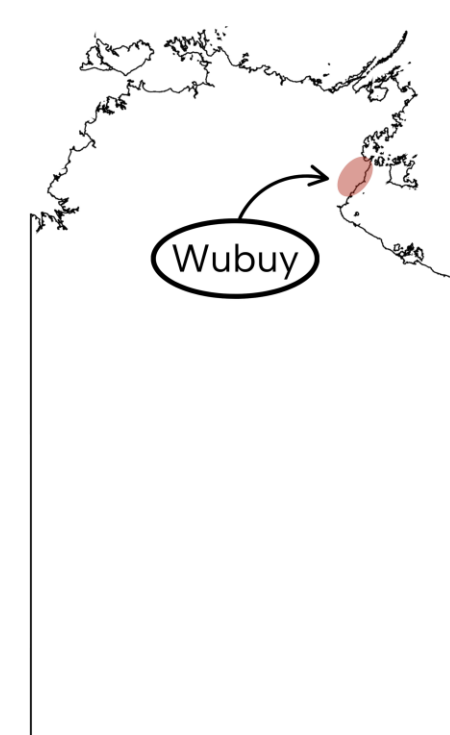
SCAN ME!



Wubuy

Wubuy, also called Nunggubuyu, is the language of the Nunggubuyu people living in the area near Numbulwar on the Gulf of Carpentaria in the Northern Territory.

The Nunggubuyu's traditional lands extend over 7,000 km² southwards from Cape Barrow and Harris Creek to the coastal area opposite Edward Island, and their western boundaries are formed by the Rose and Walker Rivers.



In the Wubuy language, a common way to say "hello" is "Ngunha".

The word for "liver" in Wubuy is "Arman".

The Hep B Story App is now available to download in Wubuy!

Apple App Store



Google Play Store



Luritja & Warumungu

Acknowledgements

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