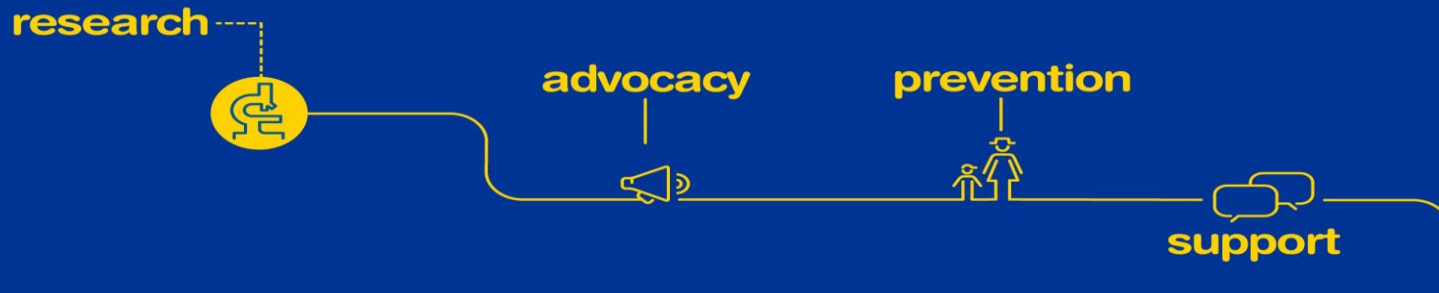


YES WE CAN!!!

**Optimising Treatment and Management of
Chronic Hepatitis B
Based on a Disease Registry**

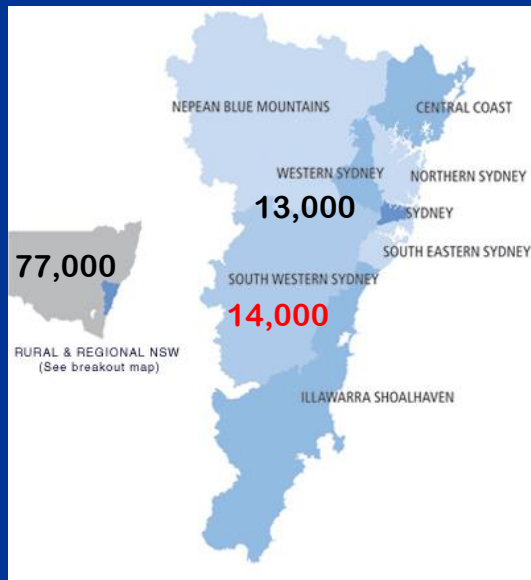
X Masgoret¹; M Porwal¹; D Goldsbury¹; J George^{2,3}; M Robotin^{1,2}



- 1 Cancer Council NSW
- 2 University of Sydney, School of Public Health NSW
- 3 Storr Liver Centre, Westmead Millennium Institute and Westmead Hospital

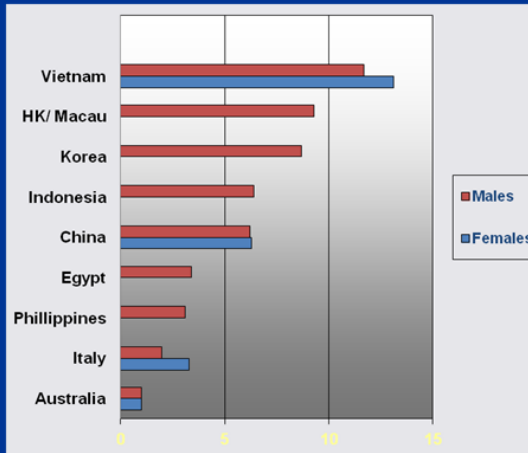


Introduction & Aim



Liver Cancer Incidence in New South Wales Migrants 1991 to 2001

Cancer Epidemiology Research Unit
The Cancer Council NSW

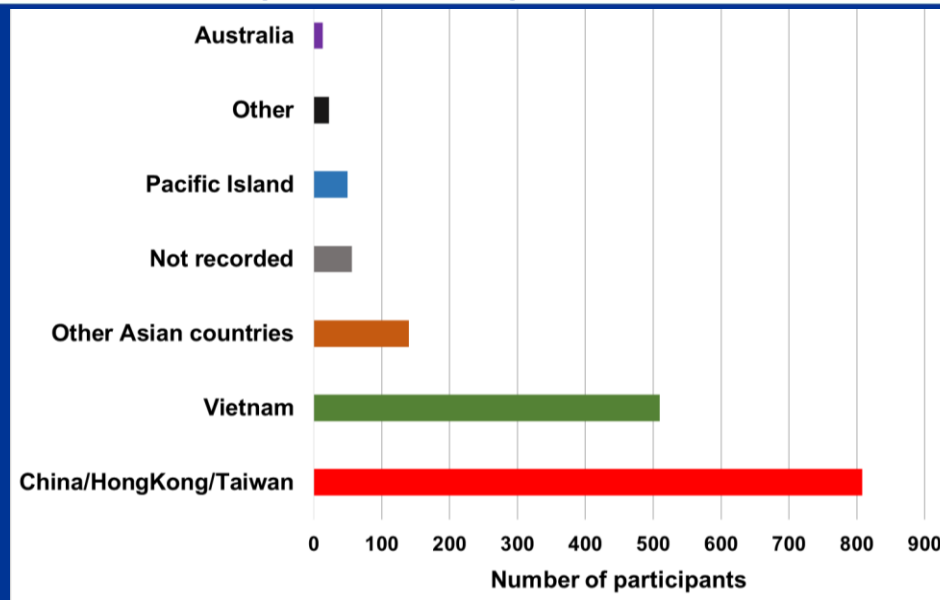


B positive program (Nov/2008- Sep/2016)

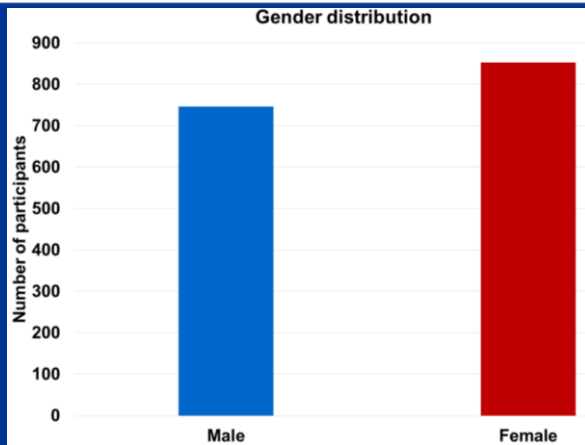
- Enhance case detection
- Improve disease monitoring
- Raise CHB awareness



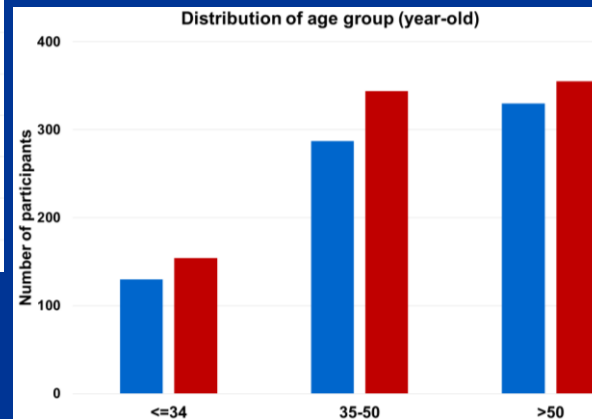
Distribution of participants by country of birth



Patients demographic

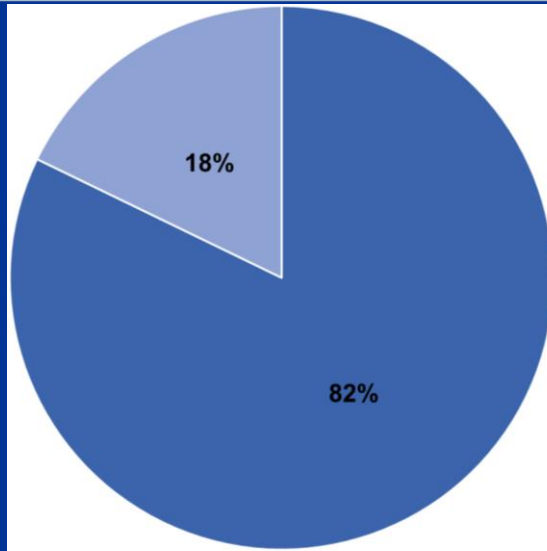


Male
Female



Rate treatment

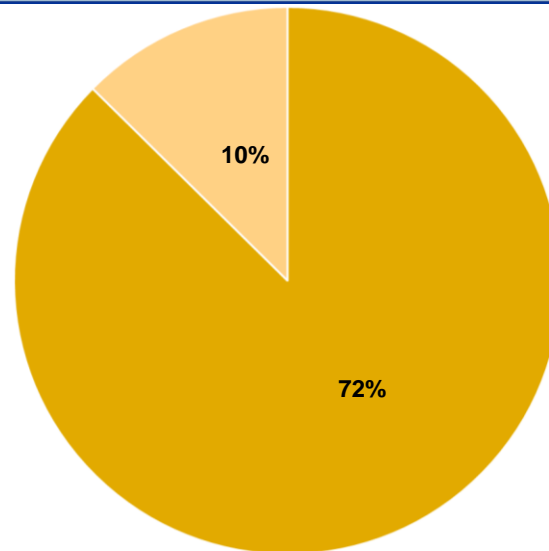
1600 patients



■ No antiviral treatment ■ Antiviral treatment

Disease risk assessment

1149 patients



■ Complete information ■ Incomplete information



Chronic Hepatitis B Disease Stage

Category	Blood test parameter levels	Management
Yellow Routine surveillance	VL <2,000IU/L ALT <45 IU/L (men) ALT <30 IU/L (women)	Monitor every 6 months Low risk of progression to advance liver disease
Orange Enhanced surveillance	VL >2,000IU/L ALT <45 IU/L (men) ALT <30 IU/L (women)	Monitor every 6 months Low risk of progression to advance liver disease
Red Specialist assessment	VL >2,000IU/L ALT >45 IU/L (men) ALT >30 IU/L (women)	Refer for consideration of treatment At risk of progression to cirrhosis and HCC.
Purple Specialist assessment	VL <2,000IU/L ALT >45 IU/L (men) ALT >30 IU/L (women)	Refer for consideration of treatment At risk of progression to cirrhosis and HCC.

Chronic Hepatitis B Disease Stage

Category	Total under each category (%)	Referred to specialist (n)	% of referrals observed	% of referrals anticipated
Yellow Routine surveillance	653 (57%)	123	19	0
Orange Enhanced surveillance	238 (21%)	96	40	0
Red Specialist assessment	120 (10%)	68	57	100
Purple Specialist assessment	138 (12%)	24	17	100
Total	1149	311		



Conclusion

- **Still need for increasing Hepatitis B awareness**
- **Hepatitis B programs should offer**
 - Simple management algorithm
 - Integration CHB care into a chronic disease model





Thank you