

Where to next?

- **Ethnic inequalities in cancer outcomes**
 - Māori patients are **younger**, more **deprived** and more likely to live in **less urban** areas than non-Māori patients
 - **Comorbidity** is more common among Māori patients than non-Māori patients.
 - Māori patients had **poorer survival** than non-Māori patients for most cancers



Where to next?

- **Comorbidity**
 - Impacts **treatment receipt** and **cancer outcomes**
 - Ensuring **adequate cancer treatment** for those with comorbidity
 - Ensure **adequate comorbidity treatment** for those with cancer
 - Considering **measuring/ monitoring** comorbidity



Where to next?

- **Data**
 - How do we ensure adequate data for monitoring purposes?
 - ‘Missingness’ is not random.
 - Private data?



Where to next?

- **Interventions**
 - What interventions are already happening?
 - Cancer Care Coordinators
 - National Tumour Standards
 - What (else) would be helpful?
 - Systems level
 - Regional/ DHB level
 - Clinician level
 - Patient level



C3 quant publications to date

1. Sarfati D. Review of methods to measure comorbidity in cancer populations: no gold standard exists. *J Clin Epidemiol* 2012; 65: 924-933.
2. Sarfati D, Gurney J, Lim BT, Bagheri N, Simpson A, Koea J, Dennett E. Identifying important comorbidity among cancer populations using administrative data: prevalence and impact on survival. *Asia Pacific J Clin Oncol* 2013; doi:10.1111/ajco.12130.)
3. Sarfati D, Gurney J, Stanley J, Salmon C, Crampton P, Dennett E, Koea J, Pearce N. Cancer-specific administrative data-based comorbidity indices provided valid alternative to Charlson and NHI indices. *J Clin Epidemiol* 2014; 67(5): 586-95.
4. Sarfati D, Lim BT, Gurney J, McSherry C. Development of a pharmacy-based comorbidity Index for patients with cancer. *Medical Care* (in press).
5. Gurney J, Sarfati D, Stanley J, Dennett E, Johnson C, Koea J, Simpson A, Studd R. Unstaged cancer in a population-based registry: prevalence, predictors and patient prognosis. *Cancer Epidemiology* 2013; 37: 498-504.
6. Gurney J, Sarfati D, Dennett E, Koea J. The completeness of cancer treatment data on the national health collections. *NZ Med J* 2013; 126(1381): 69-74.
7. Swart E, Sarfati D, Cunningham R, Dennett E, Signal V, Gurney J, Stanley J. Ethnicity and rectal cancer management in New Zealand. *NZ Med J* 2013; 126 (1384): 42-52.
8. Chamberlain J, Sarfati D, Cunningham R, Koea J, Gurney J, Blakely T. Incidence and management of hepatocellular carcinoma among Māori and non-Māori New Zealanders. *Aust NZ J Public Health* 2013; 37: 520-6.

