High quality data are the key to understanding inequalities in cancer outcomes for Aboriginal and Torres Strait Islander Australians

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A comprehensive evidence base for informing efforts to improve services requires linked national data

Conversely, the incidence of cervical cancer among Aboriginal and Torres Strait Islander women, while still relatively high, has decreased following increased participation in screening programs. It is encouraging to see the increases in survival from most common cancers for Indigenous Australian patients, despite overlapping confidence limits due to small case numbers.

While the results of this study are directly relevant to the NT, their representativeness for other Aboriginal and Torres Strait Islander populations is less clear. The estimated 13% of Australia’s Indigenous population who live in the NT are, in some respects, atypical. A disproportionately high proportion of these people live in geographically remote and lower socio-economic areas, and the fraction following traditional lifestyles may have significant effects on cancer risks and outcomes. This may lead to lower risks of cancers that are more common in the general Australian population, such as those of the female breast, prostate, and colorectum.

Confirming lower cancer-specific survival for NT Aboriginal and Torres Strait Islander patients is important, but without data on disease stage at diagnosis, other prognostic factors, comorbidities and treatment, the underlying reasons for the differences are difficult to determine. Self-reported data are also needed for assessing perceptions of the value of treatment, the cultural appropriateness of services, and barriers to treatment.

Cancer Australia is promoting the increased availability of data for national cancer control indicators across Australia, including data on stage, treatment, and recurrence. Collecting patient-reported experiences would also be desirable. Australian researchers have already shown the value for population health and health system surveillance of linking data from cancer registries, inpatient statistics, and radiotherapy centres in New South Wales, Queensland, and some other jurisdictions. Australia urgently needs an organised, linked data network of this type, complemented by clinical quality registries, to identify service gaps for all Australians, but especially for Aboriginal and Torres Strait Islander people and other priority groups. Linked national data, with improved recording of Indigenous status, is necessary for producing a comprehensive evidence base for informing efforts to improve services.

High quality data and research, exemplified by the NT study reported in this issue of the MJA, will continue to play a central role in confirming broader national data and providing more comprehensive local evidence. By identifying Aboriginal and Torres Strait Islander and other priority groups in special need, the nature of their needs, and self-reported barriers to accessing services, the evidence for crafting appropriate health service responses will be strengthened.

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