

# *Quick summary for those in a hurry*

## NTASM Report 2010 to 2016

*The Northern Territory Audit of Surgical Mortality (NTASM) Report summary is presented below and includes comparison with national data from the Australian and New Zealand Audits of Surgical Mortality (ANZASM).*

(Data sourced NTASM and ANZASM databases.)

### SURGEONS

- All surgeons in the NT participate in the NTASM.
- **94.8% (349/368)** of the NTASM surgical case forms were returned.

### CLINICAL INCIDENTS

- Of the NTASM patients, **72.5% (219/302)** had no clinical incidents.
- An area of concern or adverse event occurred in **13.8% (42/302)** of NTASM patients compared with **12.4% (3,529/28,349)** in ANZASM patients.

### COMORBIDITIES

- Of the NTASM patients, **78.5% (238/303)** had serious comorbidities present.
- Hepatic disease was present in **23.5% (56/238)** of NTASM patients compared with **8.3% (1,659/20,059)** in ANZASM patients.

### INFECTIONS

- NTASM patients with infections (**64.4%; 56/87**) were statistically more likely to have acquired their infection **prior to admission** compared with ANZASM patients with infections (**41.5%; 1,712/4,124**).

### TRAUMA

- Of the NTASM trauma patients, **26.9% (21/78)** were associated with motor vehicle accidents.
- Trauma was most commonly associated with falls, both in the NTASM patients (**55.1%; 43/78**) and the ANZASM patients (**81.1%; 2,077/2,560**). However, NTASM trauma patients who had falls were younger (median 62 years) than ANZASM trauma patients (median 85 years).