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).