



ANZ Hip Fracture Registry

Enhancing Outcomes
for Older People

Issue 27, June 2019

The News in Brief

Welcome to the mid-year ANZHFR Newsletter for 2019. Patient numbers continue to increase and the combined registries have a total of 36,789 records from 75 hospitals: 28,690 from Australia and 8,180 from New Zealand. This edition of the Newsletter

provides an update on implementation, a reminder about good cyber hygiene, highlights North Shore Hospital Waitemata DHB and flags conferences, publications and the upcoming New Zealand Hip Fest.

Update: Implementation in New Zealand and Australia

Hospitals with ethics and governance approval regularly contributing patient level data to the ANZHFR

- WA: Albany Hospital, Fiona Stanley Hospital, Joondalup Hospital, Royal Perth Hospital, Sir Charles Gairdner Hospital
- SA: Flinders Medical Centre, Lyell McEwin Hospital, The Queen Elizabeth Hospital
- TAS: Launceston General Hospital
- VIC: Box Hill Hospital, Dandenong Hospital, Western Health (Footscray), Frankston Hospital, Geelong Hospital, Maroondah Hospital, The Austin Hospital, The Northern Hospital
- NSW: Armidale Hospital, Bankstown-Lidcombe Hospital, Blacktown Hospital, Campbelltown Hospital, Coffs Harbour Hospital, Concord Hospital, Gosford Hospital, John Hunter Hospital, Liverpool Hospital, Nepean Hospital, Orange Health Service, Port Macquarie Hospital, Prince of Wales Hospital, Royal North Shore Hospital, Royal Prince Alfred Hospital, St George Hospital, St Vincent's Hospital Darlinghurst, Sutherland Hospital, Tamworth Hospital, Westmead Hospital, Wollongong Hospital
- QLD: Cairns Hospital, Gold Coast University Hospital, Ipswich Hospital, Logan Hospital, Mater Hospital South Brisbane, Nambour Hospital, Princess Alexandra Hospital, QEII Jubilee Hospital, Redcliffe Hospital, Robina Hospital, Rockhampton Hospital, Sunshine Coast University Hospital, The Prince Charles Hospital, Toowoomba Hospital, Townsville Hospital
- NZ: Auckland City Hospital, Christchurch Hospital, Dunedin Hospital, Gisborne Hospital, Hawkes Bay Hospital, Hutt Valley Hospital, Middlemore Hospital, Nelson Hospital, North Shore Hospital, Palmerston North Hospital, Southland Hospital, Tauranga Hospital, Timaru Hospital, Waikato Hospital, Wairau Hospital, Wellington Hospital, Whakatane Hospital, Whanganui Hospital, Whangarei Hospital

Hospitals with ethics and governance approval to contribute patient-level data but data not contributed regularly

- SA: Mount Gambier Hospital, The Royal Adelaide Hospital
- VIC: St Vincent's Hospital Melbourne, The Alfred
- NSW: Bowral Hospital, Shoalhaven Hospital
- QLD: Hervey Bay Hospital
- NZ: Rotorua Hospital, Wairarapa Hospital

Hospitals identified as eligible to contribute patient-level data to the ANZHFR but not approved to contribute data

- WA: Geraldton Hospital, South West Health Campus Bunbury
- TAS: North West Regional Hospital, Royal Hobart Hospital
- NT and ACT: Alice Springs Hospital, Royal Darwin Hospital, Canberra Hospital
- VIC: Albury Wodonga Health, Ballarat Health Services, Goulburn Valley Health (Shepparton), Latrobe Regional Hospital, Mildura Base Hospital, Northeast Health Warragatta, Royal Melbourne Hospital (Parkville), Sandringham Hospital, Southwest Healthcare (Warrnambool), The Bendigo Hospital, West Gippsland Healthcare Group, Western District Health Service (Hamilton), Wimmera Health Care Group (Horsham)
- NSW: Bathurst Hospital, Bega/South East Regional Hospital, Canterbury Hospital, Dubbo Hospital, Goulburn Hospital, Grafton Hospital, Hornsby Ku-ring-gai Hospital, Lismore Base Hospital, Maitland Hospital, Manning Hospital, Ryde Hospital, The Tweed Hospital, Wagga Wagga Hospital
- QLD: Bundaberg Hospital, Mackay Base Hospital
- NZ: Taranaki Hospital



What is a toothbrush doing here???

A mid year reminder about cyber security for users of the ANZHFR. If you don't share your toothbrush then please don't share your login and password. Choose complex passwords and keep them secure.

While the ANZHFR has technical controls in place, careless behaviour and user errors remain the weakest links in cyber security. Breaches of security can occur through a variety of avenues and while our health systems have excellent privacy and security, good cyber hygiene is simply good practice. If you have new users, simply email the Registry to discuss access.



Using Data to Improve Care: Waitemata DHB, New Zealand

Waitemata DHB (WDHB) contains the largest population group in the country. North Shore Hospital (NSH) have been part of the ANZHFR since 2015 and recorded over 400 hip fractures last year, from a pool of 62,000 residents aged 70 years and older.

This high demand resulted in the creation of a novel perioperative model in early 2018. This orthogeriatric-chaired service incorporates a multidisciplinary approach to patient care from admission to discharge. All five services: ED, orthogeriatrician, anaesthetic, orthopaedic and older people service departments collaborate and meet on a regular basis to ensure a seamless perioperative care model. One example is a daily morning triage meeting between the surgeon, orthogeriatrician and anaesthetist to prioritise and stabilise patients with hip fractures for their surgery.

There has been substantial improvement arising from this model of care. 93% of patients were operated within 48 hours of admission, and 65% within the first 24 hours. This figure improved further to 72% in 2019. Comprehensive pre-operative management facilitated this expediency to surgery, with 100% of patients reviewed by an orthogeriatrician during working hours, and 94% of patients receiving a femoral block performed in ED or during surgery. The comprehensive perioperative management and rapid access to surgery has reduced the median length of stay in the acute orthopaedic ward by 44% (now 5 days).

Both orthopaedic and anaesthetic departments at NSH have a strong research interest aimed at improving the outcomes of

patients with hip fractures. Current research activities include TRANFUSE-NOF (liberal versus restrictive blood transfusion for NOF patients), MAPI-NOF (Maori/Pacific Islander NOF patients study) and HYPO-NOF (intraoperative hypotension in NOF patients).



Waitemata DHB Hip fracture team: Back row - Mr. Matthew Walker (Clinical Director Orthopaedic Department), Prof. Michal Kluger (Anaesthetist), Mr. Bill Farrington (Orthopaedic Surgeon); Front row – Dr. Min Yee Seow (Orthogeriatrician), Jeanette Crighton (Acute Orthopaedic Clinical Nurse Specialist)

Conferences and Upcoming Events

8th Fragility Fracture Network

International meeting, 28-30 August 2019

The mission of the Fragility Fracture Network (FFN) is to optimise globally the multidisciplinary management of patients with a fragility fracture, including secondary prevention.

In August, the FFN invites you to join its 8th FFN Global Congress 2019 in Oxford, England. The annual meeting is an international congress addressing the full pathway of care for fragility fracture patients. The FFN Global Congress consists of invited talks from international experts, plenary discussions, interactive update sessions and free papers. The congress provides a unique platform to learn about new technical developments, state-of-the-art interventions and international research, and to interact with leading clinicians, researchers and other professional health workers and stake holders.



New Zealand (NORTH ISLAND) Hip Festival 2019

Wednesday 17th July 2019

“From Fracture to Fixed” - Data, Standards and Improvements in Hip Fracture Care, Middlemore Hospital.

The ANZHFR “Hip Festivals” are an initiative of the Registry to harness the collective knowledge of key stakeholders and to inspire and enable those involved in the provision of hip fracture care. Successful events have been held in Australian states and now it is New Zealand's turn! The first of two New Zealand events is scheduled for the 17th July at Middlemore Hospital, Auckland. The second event will be held in September on the South island.

If you would like to attend, please contact Nicola Ward, NZHFR National Coordinator on email: nicola.ward@bopdnh.govt.nz

Publication of the Month

The Sax Institute has released findings of dynamic modelling work conducted by their Decision Analytics service on strategies to reduce the burden of osteoporosis in Australia. The Institute forecasts that unless something is done, approximately 2 million Minimal Trauma Fractures will occur over the next 10 years (2019–2029). Read more at: https://www.saxinstitute.org.au/wp-content/uploads/2019_Strategies-to-reduce-the-burden-of-osteoporosis-in-Australia.pdf