



ANZ Hip Fracture Registry

Enhancing Outcomes for Older People

Issue 9 July 2015

The news in brief

This sixth ANZHFR newsletter for 2015 describes steady progress on both sides of the Tasman. Patient numbers in the respective national registries are increasing, with a total of 1,114 records in both countries as of July 2015. The 2015 ANZHFR Facility Level Audit is underway, so we would encourage all hospitals on both sides of the Tasman to

participate in this exercise. The ANZHFR website is much improved after an update by our web master, Stewart Fleming. This month's President's Corner commentary comes from Mr. Mark Wright, Immediate Past President of the New Zealand Orthopaedic Association. Finally, we have some very good news from colleagues at the UK NHFD.

2015 ANZHFR Facility Level Audit in progress

Services availability	2012	2013
Access to in-patient rehabilitation.	Onsite only – 35/116 (30%) Offsite only – 27/116 (23%) Both On/Off site – 54/116 (47%)	Onsite only – 44/117 (38%) Offsite only – 30/117 (26%) Both On/Off site – 43/117 (37%)
Access to routine weekend therapy service	62/116 (53%)	67/117 (57%)
Access to early home based rehabilitation services	79/116 (68%)	75/117 (64%)
Fracture Liaison service	17/116 (15%)	23/117 (20%)
Access to a public Falls clinic	48/116 (41%)	50/117 (43%)
Access to a public Osteoporosis clinic	40/116 (34%)	38/117 (32%)
Access to a public combined Falls & Bone Health clinic	18/116 (16%)	18/117 (15%)
Access to a public Orthopaedic clinic	84/116 (72%)	105/117 (90%)

The aim of the Hip Fracture Facility Level Audit is to assess and document the services, resources, policies, protocols and practices that currently exist in hospitals across Australia and New Zealand, specific to hip fracture care. This will be the third year of the audit, and will follow on from the 2014 and 2013 reports. The Facility Level Audit complements the Patient Level Audit captured by the Hip Fracture Registry. We look forward to consolidating the results of the ongoing 2015 Survey and want to thank all contributors for their time.

New look ANZHFR website: www.anzhfr.org



- Links to the Live and Demonstration versions of the Australian and New Zealand Registry Sites.
- The Australian and New Zealand Guideline for Hip Fracture Care and supporting documentation.
- The ANZHFR Facility Level Audits.
- We are currently developing a Patient Information Pack which will feature on the Patient and Carer Information section soon.
- A Healthcare Professional Resources section which includes:
 - Data collector information.
 - An extensive Literature Register on hip fracture care and prevention.
- Since our first meeting in Sydney in 2011, the ANZHFR team has partnered with organisations on both sides of the Tasman. The Partner Organisations section highlights the groups we have worked with.

The ANZHFR website has undergone a major update and makeover. The new site is easy to navigate from the home page.

The new site incorporates the following features:

ANZHFR would like to thank Osteoporosis Australia and Osteoporosis New Zealand for funding the new website.



President's corner



Mr. Mark Wright
Immediate Past President,
New Zealand Orthopaedic Association
Consultant Orthopaedic Surgeon, Auckland City Hospital

The New Zealand Orthopaedic Association was established in 1951 and has been a strong co-operative body for all orthopaedic surgeons practising in New Zealand ever since. One of the main aims of the Association is to improve the art and science of orthopaedic surgery.

The 30 year anniversary of the first total hip replacement performed in New Zealand was marked in 1997, and as a way of celebrating this achievement the NZOA supported the

establishment of the New Zealand Joint Registry. This internationally recognised and applauded registry has to date over 183,000 implanted joints recorded and analysed. This has given a rich repository of data able to be used to inform debate and improve practice. Registries are an excellent way to record, measure and compare outcomes, both internally in New Zealand and internationally with other registries. The NZOA Joint registry was one of the first registries to collect PROMS data and to follow up on outcomes data for up to five years.

The development of a New Zealand Hip Fracture Registry, although with different outcomes and a wider pool of data sought, will also be fundamental to improving practice and quality of care. Working with our Australian counterparts will give rise to a large body of work from the South Pacific which will complement those established registries in the UK and Northern Europe.

As New Zealand, along with other western countries, has an increasing number of its population over 65 years of age, and an increasing number of its population living to well in their nineties, then care of the elderly will become a strong focus for health care. It will also represent a large slice of the health budget. Falls prevention, quality care and excellent research will all add to the effectiveness and efficiency of care of the elderly. Registries with their longitudinal data are an important aspect of this holistic approach to care.

Learn more about NZOA at <http://www.nzoa.org.nz/>.

External evaluation of UK NHFD published

The Impact of a National Clinician-led Audit Initiative on Care and Mortality after Hip Fracture in England *An External Evaluation using Time Trends in Non-audit Data*

Jenny Neuburger, PhD,† Colin Currie, FRCPE,‡ Robert Wakeman, FRCS,§
Carmen Tsang PhD,*† Fay Plant, BSc,|| Bianca De Stavola, PhD,¶
David A. Cromwell, PhD,*† and Jan van der Meulen, PhD*†*

The first external evaluation of the impact of the UK National Hip Fracture Database (NHFD) has been published. The study analysed data collected on 417,590 people aged 60 years and over who suffered hip fractures in England between 2003 and 2011. The intervention evaluated was the British Orthopaedic Association (BOA)/British Geriatrics Society (BGS) Initiative, which was comprised of:

- BOA/BGS national clinical standards
- Data collection and benchmarking of hip fracture care
- NHFD-led regional and national sharing of best practice

Between 2007 and 2011, the number of hospitals participating in the NHFD increased from 11 to 175. Time trends for the periods 2003-2007 and 2007-2011 (before and after launch of the NHFD) were compared for a number of variables:

- Early surgery (defined as surgery on the day or day after admission): Increased from 54.5% in 2007 to 71.3% in 2011.
- 30 day mortality: The absolute reduction over the period 2007-2011 was 2.9%, compared with a decrease of just 1% over the period 2003-2007.
- The annual relative reduction in adjusted 30 day mortality was 1.8% per year for 2003-2007, compared to 7.6% per year for 2007-2011 (P<0.001)

Lead author, Dr. Jenny Neuburger commented to the [British Medical Journal](#) 'We estimate that by 2011, around 1,000 fewer people a year died within 30 days of hospital admission for hip fracture than would be expected had pre-2007 trends continued'. The paper is available for free download via the Wolters Kluwer link at:

Med Care. 2015 Aug;53(8):686-91. [PubMed ID 26172938](#)