



# ANZ Hip Fracture Registry

Enhancing Outcomes  
for Older People

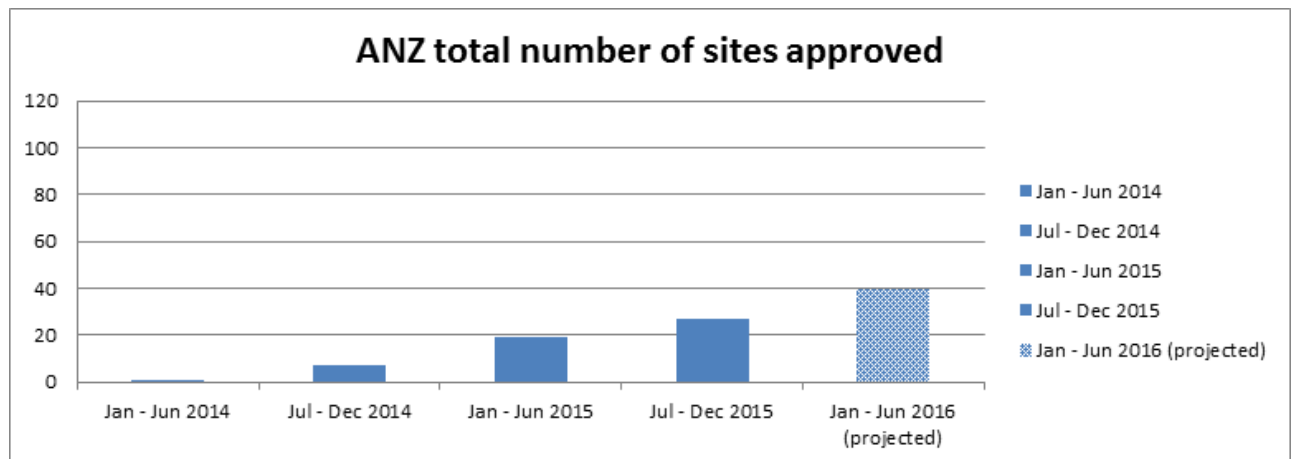
Issue 13 November 2015

## The news in brief

This tenth ANZHFR newsletter for 2015 provides an overview of progress made on both sides of the Tasman during 2014 and 2015. The number of sites with ethics approval and in process of gaining ethics approval in Australia has increased to 37 in total. We are currently on track to have 40 sites approved by mid-2016. Patient numbers

in the respective national registries are increasing, with a total of 2,064 records in both countries as of November 2015. Other news relates to a major meeting held in Sydney on 20<sup>th</sup> November 2015. The inaugural National Forum on Secondary Fracture Prevention brought together 22 organisations to discuss the benefits of a National Alliance.

## Update on implementation in Australia and New Zealand



Over the last two years, participation in the ANZHFR has grown rapidly. In Australia, States and Territories that have ethics approval are Queensland, New South Wales, Victoria (on a site by site basis), South Australia and Western Australia. An application for Darwin is pending. The number of sites that have Site Specific Approval (SSA) approval are:

- **QLD:** Logan, Ipswich, Nambour, Prince Charles, Princess Alexandra, Toowoomba and Townsville. In addition, Public Health Application/SSA is ongoing at Gold Coast.
- **NSW:** Bankstown-Lidcombe, Blacktown, Campbelltown, Concord, John Hunter, Liverpool, Nepean, Prince of Wales, St George, Sutherland and Westmead. In addition, Bowral, Royal North Shore, RPAH and Wagga Wagga are at various stages of SSA.
- **VIC:** Dandenong, The Northern and Western Health Footscray.
- **SA:** The Royal Adelaide.
- **WA:** Sir Charles Gairdner and Fiona Stanley.

So, in Australia, 24 hospitals have all approvals completed and conversations are currently ongoing with a further 13 hospitals. To date, the Australian Hip Fracture Registry has 1,715 records. For hospitals where ethics and SSA has been granted, the live website can be accessed at [www.hipfracture.com.au](http://www.hipfracture.com.au).

In New Zealand, pursuant to the announcement of support for the registry from the Accident Compensation Corporation (ACC) last month, a NZ Hip Fracture Registry Trust has been established. In addition, a NZ Hip Fracture Registry Implementation Committee has been established which will monitor implementation, provide feedback to the ANZHFR Governance Group and the NZ Hip Fracture Registry Trust, and prepare the NZ component of the ANZHFR Annual Report.

To date, the NZ Hip Fracture Registry has 349 records. For hospitals where ethics has been granted, the live website can be accessed at [www.hipfracture.co.nz](http://www.hipfracture.co.nz).



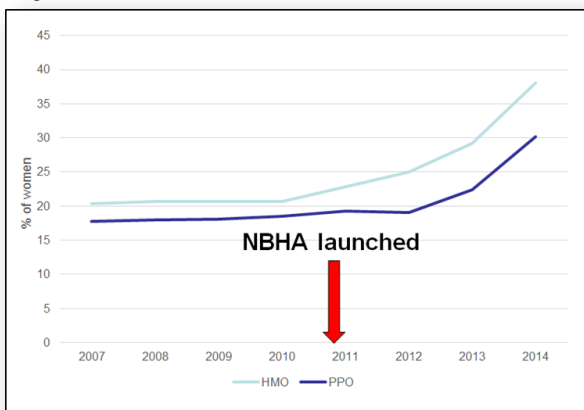
## National Forum on Secondary Fracture Prevention

On 20<sup>th</sup> November 2015, representatives from 22 organisations that are key opinion leaders and stakeholders in fracture prevention gathered in Sydney to attend the inaugural National Forum on Secondary Fracture Prevention. The following organisations were represented:

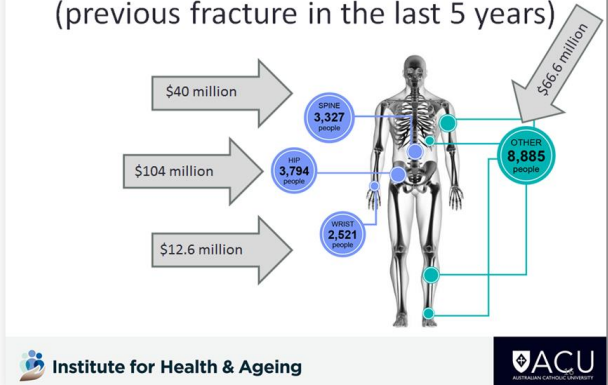
- Australian Commission on Safety and Quality in Healthcare
- Australian Orthopaedic Association
- Australian Rheumatology Association
- Australian Physiotherapy Association
- ANZAC Research Institute
- ANZ Bone and Mineral Society
- ANZ Hip Fracture Registry
- ANZ Orthopaedic Research Society
- ANZ Society for Geriatric Medicine
- Carers New South Wales
- Dieticians Association of Australia
- Endocrine Nurses' Society of Australasia
- Endocrine Society of Australia
- Garvan Institute
- Institute for Health and Ageing
- National Health and Medical Research Council
- Osteoporosis Australia
- Osteoporosis New Zealand
- Public Health Association Australia
- Royal Australian College of General Practitioners
- Royal Australasian College of Physicians
- Royal Australasian College of Surgeons

A pervasive and persistent secondary fracture prevention care gap is evident in Australia. In April 2015, the ANZ Bone and Mineral Society published a Call to Action to address this care gap, which included establishment of a National Alliance of all leading health professional and patient organisations. Experience from New Zealand, the UK and the United States suggests that such an Alliance can have a major impact. As illustrated in the graph below, a dramatic shift in appropriate post-fracture osteoporosis care has occurred in the United States since establishment of their National Bone Health Alliance (NBHA) in 2010.

**Impact of U.S. National Bone Health Alliance (NBHA):** Post-fracture osteoporosis care in the United States: Proportion of women aged 65 - 85 years who had bone mineral density (BMD) testing and/or treatment for osteoporosis. HMO = Health Management Organisations; PPO = Preferred Provider Organisations.



Re-fractures in 2012 cost \$223 million (previous fracture in the last 5 years)



The Forum began with an update on the burden of disease in Australia from Professor Kerrie Sanders of the Institute for Health and Ageing at ACU. The cost of re-fractures is estimated using data from the recent Osteoporosis Australia model is shown in the graphic above. Professor Markus Seibel described the current care gap where only 20% of fragility fracture patients receive appropriate follow up. Paul Mitchell subsequently described the Secondary Fracture Prevention (SFP) Program model of care and international experience with National Alliances to drive change.

The first of several roundtable discussions considered how the case for concerted national action on secondary fracture prevention could be articulated in the Australian context. The results of a Delphi consensus process which was undertaken prior to the meeting were presented. The extent of consensus around four key domains was explored:

1. What is the purpose of a National Alliance for secondary fracture prevention?
2. What should the National Alliance achieve?
3. How should the National Alliance be governed?
4. How the Alliance should be funded?

A full meeting report is currently in preparation. Once published, a web link to the report will be shared in forthcoming issues of this newsletter. Important early outcomes of the Forum include:

- Formation of a steering group for the National Alliance
- Development of a Memorandum of Understanding for distribution to potential member organisations

Studies from across the world demonstrate that approximately half of hip fracture sufferers experience at least one other fragility fracture in the months and years prior to breaking their hip. As such, the ANZHFR is highly supportive of efforts to reduce the incidence of this devastating and costly injury.