

Hip Fracture Registries - What are the benefits ...?

Roger Bingham

Arthroplasty and Trauma Surgeon
The Royal Melbourne Hospital
Melbourne, Australia

This presentation considers the outcomes from the Australian Orthopaedic Association National Joint Replacement Registry (AOANJRR) and the combined Australian and New Zealand Hip Fracture Registry (ANZHFR).

The AOANJRR was founded in 1999, and reports the outcome of all arthroplasty procedures performed in Australia since that time. It specifically considers the results of hemiarthroplasty and total joint arthroplasty, performed following hip fracture.

A report is published annually online (<https://aoanjrr.sahmri.com>). The 2018 report details the analysis of over 100,000 arthroplasty procedures, performed for a diagnosis of hip fracture, with up to 17 years follow up.

The report specifically considers the analysis of different prostheses, and compares the outcome of monoblock hemiarthroplasty, unipolar modular hemiarthroplasty, bipolar hemi arthroplasty, and total hip arthroplasty, performed for a diagnosis of hip fracture.

The ANZHFR was founded in 2012, and reports the outcome of all types of surgical procedures performed in Australia and New Zealand for hip fracture.

A report is published annually online (<http://anzhfr.org>). The 2018 report details the analysis of both internal fixation and arthroplasty procedures, performed for a diagnosis of hip fracture, with up to 5 years follow up.

The report specifically considers the analysis of different hip fracture types (intracapsular, extracapsular, subtrochanteric) and the procedures performed (hemiarthroplasty, total joint arthroplasty, cannulated screws, sliding hip screw, intramedullary nail, other).

The ANZHFR promotes the idea of the Hip Fracture Care Standard, which specifically considers the treatment that patients are offered through the different stages of their care, following a hip fracture:

- Care at presentation
- Pain management
- Orthogeriatric model of care
- Timing of Surgery
- Mobilisation and weight bearing
- Minimising the risk of another fracture
- Transition from hospital care

Hip fracture registries are a powerful tool for analysing the outcome of treatments provided to patients with hip fractures. The information provided can guide health professionals in the use of fixation and arthroplasty surgery for hip fracture, and enhance patient care at all stages of their treatment.