

# Jishuitan Hospital Hip Fracture Audit

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THE  
GEORGE  
INSTITUTE  
for Global Health



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## Facts

- By 2030, 3.1 million people worldwide will suffer from hip fracture. This number is expected to be 6.3 million in 2050.
- Notably, it is projected that nearly half of those hip fractures will occur in Asia.
- There are more than 69.4 million Chinese over 50 years with osteoporosis based on a national survey conducted in 2003-2006.

## Partners:

*Jishuitan Hospital*

*The George Institute,  
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*The George Institute,  
University of Sydney*

## Supporters:

*The George Institute for Global  
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## Background:

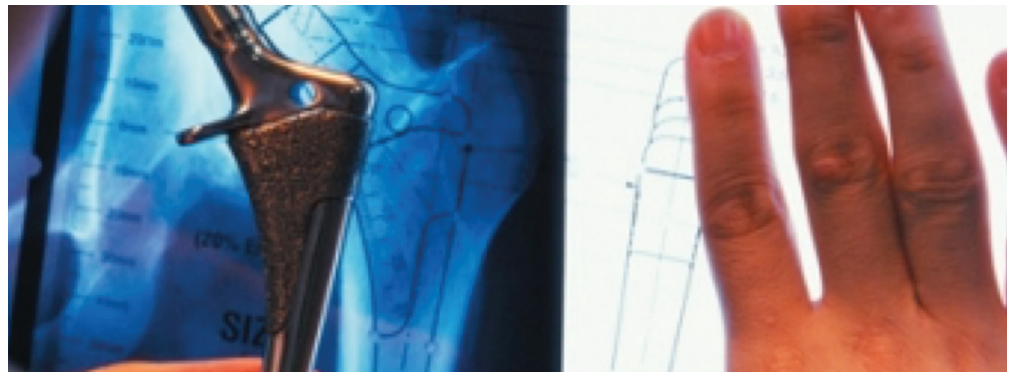
- Improving the management of hip fractures and hip fracture prevention in older people are significant health priorities in the UK and globally. The adoption of guidelines for the management of patients with hip fractures in the UK has led to significant improvements in patient outcomes and produced annual savings of 14 million GBP.
- Despite the high burden of hip fracture in China, there is limited information about the management of people with hip fractures, suggesting the need to investigate current pathways of care.

## Aims:

This project aims to determine if the management of older people with hip fractures in a Beijing tertiary hospital is consistent with guidelines and comparable with current practice for hip fracture management in the United Kingdom.

## Methods:

This study is a retrospective audit in a large tertiary care hospital in Beijing. Data were collected on 780 individuals aged 60 years old or above with an X-ray diagnosis of hip fracture between 2009 and 2011 and compared with the UK National Hip Fracture Database 2012 collected in 180 hospitals in the UK on the proportion of patients managed according to the UK guidelines.



## Impact:

- This audit study will identify whether evidence-practice gaps exist in the management of hip fracture in a major tertiary orthopaedics hospital in Beijing.
- The study results will suggest if there is a need to develop, implement and monitor appropriate evidence based guidelines to manage the impending explosion of hip fractures in China.

## Contact

To find out more about the retrospective audit of hip fractures in older people in Beijing and its principal investigators Professor Robyn Norton and Dr Tian Maoyi, or The George Institute for Global Health, contact:

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