



ASIA PACIFIC FRAGILITY FRACTURE ALLIANCE (APFFA)

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World-first Hip Fracture Registry Toolbox striving to improve care for the 1 million+ who fracture a hip in Asia Pacific each year

An innovative world-first Hip Fracture Registry Toolbox has been launched today (Tuesday, June 15, 2021) to address the alarming death and disability caused by the more than 1 million hip fractures sustained in the Asia Pacific each year.¹

Developed by the Asia Pacific Fragility Fracture Alliance (APFFA) in collaboration with the Fragility Fracture Network (FFN), the practical and informative resource explains the fundamental need, and how to best advocate for, the establishment of a national hip fracture registry. Tailored to clinicians, hospital administrators, healthcare systems and governments alike, the Toolbox covers pertinent topics, including stakeholder engagement and consolidation, building a case for change, planning and funding a registry, to setting up a pilot registry, and navigating governance and ethics approval. Examples of current registries and other useful resources also feature in the Toolbox.

Concerningly, one-in-four patients who sustain a hip fracture die within a year, and less than half of those who survive, regain their previous level of function.²⁻⁵ The expected direct incurred cost associated with the more than 1.1 million hip fractures estimated to have occurred in nine countries and regions in APAC, including China, Chinese Taipei, Hong Kong SAR, India, Japan, Malaysia, Singapore, South Korea and Thailand in 2018, amounts to USD 7.5 billion. This cost is projected to increase to almost USD 13 billion by 2050.¹

According to Consultant Ortho-Geriatrician, Clinical Director of the Falls, Balance and Injury Research Centre at Neuroscience Research Australia (NeuRA), and APFFA Hip Fracture Registry Working Group Co-Chair, Professor Jacqui Close, Australia, widescale implementation of hip fracture registries worldwide, can facilitate vast improvements in care for the millions of people who sustain a hip fracture each year.^{6,7}

"Hospitals can utilise hip fracture registries to benchmark their provision of care against best practice clinical standards for acute care, rehabilitation, and secondary fracture prevention."^{6,8}

"Furthermore, hip fracture registries can transform patient-level data into information that both equips and empowers hospital teams to identify, and develop solutions for key challenges within their respective institutions, and to strive for ongoing improvement in care,"⁸ said Prof Close.

By 2050, one in four people in APAC will be aged over 60. This portion of the population is expected to triple between 2010 and 2050, reaching close to 1.3 billion people.⁹ Within the same timeframe, between 4.5 to 6.3 million hip fractures are predicted to occur worldwide, half of which will occur in Asia.¹⁰

Given the exponential increase in both the incidence and costs associated with hip fractures to date, and those anticipated globally,¹¹ hip fracture registries serve as a vital tool underpinning quality improvement initiatives⁸ in the Asia Pacific region, and globally, argues Consultant Geriatrician and Medical Director, Fiona Stanley Fremantle Hospitals Group, and APFFA Hip Fracture Registry Working Group Co-Chair, Dr Hannah Seymour, Australia.

“As of April 2021, 18 countries across Asia Pacific, Europe, Latin America and North America had established a hip fracture registry, at different stages of maturation, participation and development.¹²⁻²⁸ Notably, only three registries are currently operating in the Asia Pacific.

“The Hip Fracture Registry Toolbox explains how timely, reliable and constructive feedback to clinical teams, coupled with the engagement and participation of key stakeholders, improves the impact of hip fracture registries,” Dr Seymour said.

With adequate operational efficiency and funding, registries can improve healthcare, and are likely to prove significantly cost-effective.²⁹

Registries can contribute to government initiatives designed to manage rapidly aging populations, and can further help governments to promote the equitable provision of care.³⁰

According to Orthopaedic Surgeon and APFFA co-Chair, Dato’ Dr. Joon-Kiong Lee, Malaysia, **today’s release of the Toolbox also coincides with the launch of [APFFA’s YouTube channel](#).**

“The APFFA YouTube channel will house a series of educational videos featuring interviews with leading clinicians from the Asia Pacific bone arena, reflecting on important considerations for each of the seven key steps involved in establishing a hip fracture registry.

“We trust our APFFA and FFN Toolbox, and supporting videos, will arm our colleagues throughout Asia Pacific, and the rest of the world, with the necessary inspiration, knowledge and guidance on how to successfully establish a national hip fracture registry in their respective countries,” said Dato’ Dr Lee.

About APFFA

Formed in November 2018, APFFA comprises seven global and regional member organisations from the geriatrics, orthopaedics, osteoporosis and rehabilitation sectors, with the primary purpose of driving policy change, improving awareness and changing political and professional mindsets, to facilitate optimal fragility fracture management across Asia Pacific.

About the APFFA HFR Working Group

The APFFA Hip Fracture Registry Working Group is a principal action group within APFFA, comprising global experts in hip fracture treatment and management, charged with driving the development of the HFR Toolbox.

In addition, the HFRWG report on hip fracture epidemiology and outcomes across Asia Pacific aims to frame the problems facing the region, and outline APFFA-related projects capable of providing a part solution to these issues.

The HFRWG is also responsible for a feasibility study examining the costs and practicalities of establishing new hip fracture registries in specific countries throughout Asia Pacific.

About the Fragility Fracture Network (FFN)

The FFN is a global organisation comprising a multidisciplinary network of experts charged with improving the treatment and secondary prevention of fragility fractures. The organisation strives to optimise multidisciplinary management of a patient with a fragility fracture, to ensure maximum recovery, quality of life, and no further fractures, worldwide.

The Hip Fracture Audit Special Interest Group (HFA SIG) comprises a multidisciplinary network of clinicians well-versed in hip fracture audits, striving for global adoption of a Minimum Common Dataset (MCD), and a worldwide platform to share HFA knowledge, learning and research.

To learn more about APFFA, and to download the Hip Fracture Registry Toolbox, head to www.apfracturealliance.org/HFR-toolbox/

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DOWNLOAD THE HIP FRACTURE REGISTRY TOOLBOX DIGITAL MEDIA KIT: www.apfracturealliance.org/hfr-toolbox-media-kit/

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