

Professor Derrick Chan

Director, Department of Geriatrics & Gerontology, National Taiwan University Hospital, & APCO Committee member, *CHINESE TAIPEI*

Professor Derrick Chan is Director of the Department of Geriatrics and Gerontology, National Taiwan University Hospital (NTUH), Taipei, Taiwan. He is also a Clinical Professor of Internal Medicine at NTUH, and has been Co-Chair of the Asia Pacific Fragility Fracture Alliance (APFFA) since 2018.

In addition, Prof Chan is a member of the [Asia Pacific Consortium on Osteoporosis \(APCO\)](#), comprising 46 experts from 20 countries and regions in the Asia Pacific, charged with developing tangible solutions to the substantive challenges involving osteoporosis management in the world's most populated and fastest growing region.

Prof Chan graduated from National Taiwan University College of Medicine and obtained his PhD in Gerontology and Long-Term Care from the Johns Hopkins Bloomberg School of Public Health, Baltimore, MD, USA. He completed his internal medicine residency training at Greater Baltimore Medical Center, Towson, MD, and his fellowship training with the Harvard Geriatric Fellowship Program in Boston, MA, USA.



In 2014, Prof Chan played a central role in establishing Fracture Liaison Services (FLS) at National Taiwan University Hospital and its Bei-Hu branch. The programs were awarded Gold and Silver Stars, respectively, by the International Osteoporosis Foundation's (IOF) Capture the Fracture® program. Prof Chan has since been working with the Taiwanese Osteoporosis Association to host workshops to expand the FLS network in Taiwan.

In March 2017, the Taiwan FLS network received the Best Secondary Fracture Prevention Campaign Award at the World Congress on Osteoporosis, Osteoarthritis, and Musculoskeletal Diseases (WCO-IOF-ESCEO) in Florence, Italy. Prof Chan also worked with international and regional experts to publish the "Consensus on Best Practice Standards for Fracture Liaison Service in the Asia-Pacific Region" in 2018.

According to Prof Chan, an osteoporotic fracture occurs every three seconds worldwide.¹ With more than 50 per cent of the world's hip fractures expected to occur in the Asia Pacific (AP) region over the next two decades,² APCO has launched a Bone Health Audit and QI Tool Kit to promote quality improvement (QI) of osteoporosis care.

"The proportion of the Taiwanese population over 50 years of age is expected to increase from 32 per cent (7.5 million) in 2013, to 57 per cent (11.9 million) in 2050.³

"Given the current increasing incidence of osteoporosis amongst our population, our country now has the highest prevalence of hip fracture of any country in Asia, which is also higher than the world's average,"⁴ said Prof Chan.

"The likelihood of successfully creating change to stem this bone health crisis will rest largely upon healthcare professionals' success in engaging others to work towards shared goals. Articulating the benefits of the APCO Bone Health QI activity can help promote engagement and cooperation.

"The critical factors to success include having a supportive organisational culture, good design and planning, and follow through on results, ensuring the data collection is meaningful and achievable," Prof Chan said.

"Data collected through the audit should be used to benchmark practice against the standards recommended by The APCO Framework. This will show stakeholders that the audit was worth the effort, and that it contributed to tangible change."

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MEDIA CONTACT & INTERVIEWS

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