

# William D. Leslie

Curriculum Vitae



Professor of Medicine and Radiology  
 Departments of Internal Medicine and Radiology, University of Manitoba, Canada

## Educational Background & Professional Experience

2003–Present	Professor in Internal Medicine, University of Manitoba
2003–Present	Professor in Radiology, University of Manitoba
2002–Present	Adjunct Scientist, Manitoba Centre for Health Policy
1989–1990	Resident, Nuclear Medicine, McGill University
1988–1989	Resident, Nuclear Medicine, University of Manitoba
1985–1988	Resident, General Internal Medicine, University of Manitoba
1983–1985	M.Sc. (Computer science), University of Manitoba

## Research Interests

Dr. Leslie is Professor of Medicine and Radiology at the University of Manitoba with over 600 peer-reviewed publications. His research interests are in fracture risk assessment, osteoporosis testing and clinical applications of artificial intelligence-machine learning. He is Past President of the International Society for Clinical Densitometry, Past Chair of the Osteoporosis Canada Scientific Advisory Council, and Director of the Manitoba Bone Density Program.

## Publications

- Smith C, Sim M, Ilyas Z, ... Leslie WD. Automated abdominal aortic calcification and major adverse cardiovascular events in people undergoing osteoporosis screening: the Manitoba Bone Mineral Density Registry. Journal of Bone and Mineral Research (epub January 3 2025).
- Matheson B, Jaremko J, Dowhanik A, ... Leslie WD, Boyd S, Ye C. Assessing the effects of immune checkpoint inhibitors on bone utilizing machine learning-assisted opportunistic quantitative computed tomography. Journal of Bone and Mineral Research (epub January 25 2025)
- Zarzour F, Aftabi S, Leslie WD. Effects of Femoral Neck Width and Hip Axis Length on Incident Hip Fracture Risk: A Registry-Based Cohort Study. Journal of Bone and Mineral Research (epub January 27, 2025)
- Leslie WD, Zarzour F, Lix LM, Binkley N, Lewis JR, Schousboe JT. Opportunistic measurement of sagittal abdominal diameter with bone densitometry predicts death and cardiovascular events. JBMR plus (in press January 20, 2025)
- Kanis JA, ... Leslie WD. Rheumatoid arthritis and subsequent fracture risk: an individual person meta-analysis to update FRAX. Osteoporosis International (in press February 17, 2025)
- Sim M, Gebre AK, Dalla Via J, ... Leslie WD. Automated abdominal aortic calcification and fall-associated hospitalisations in older adults: the Manitoba Bone Mineral Density Registry. GeroScience (epub March 13 2025)