

FLS

Fracture Liaison Service

Preventing costly fractures

Info sheet 11.0

The impact of fractures on Canadian healthcare costs

Jan 2022

Average cost of a hip fracture in Canada **\$61,540**

Direct medical costs per service area	
Acute Care	\$22,759
Rehabilitation admission	\$6,419
Rehabilitation/Physiotherapy	\$119
Complex continuing care	\$8,200
Long Term Care (LTC)	\$15,816
Home Care	\$4,018
Outpatient physician services	\$2,510
Mobility devices	\$1,700
Total direct medical costs	\$61,540

Cost of major osteoporotic fractures in Canada

Major osteoporotic fractures	Number of fractures (2019-20)	Average cost per fracture <small>Hopkins, 2016</small>	Total direct medical costs to Canada (2019-20)
Hip	34,245	\$61,540	\$2.1 billion
Wrist	37,327	\$8,118	\$300 million
Shoulder	18,492	\$14,937	\$276 million
Spine	10,616	\$25,966	\$275 million

The overall cost for all osteoporotic fractures (major and minor included) to Canada is a staggering \$4.6 billion annually according to Hopkins (2016).

An FLS is a specific model of care where a dedicated coordinator proactively identifies fracture patients, typically in orthopaedic services, on a system-wide basis, and determines their fracture risk with the express purpose of facilitating effective osteoporosis treatment for high-risk patients. FLS is the only intervention that has been proven to have a meaningful impact (i.e., with at least a two-fold improvement) on the post-fracture osteoporosis care gap.



FLS offers better care and costs less!!



**System-level cost savings realized at
~2-4 years post-implementation
(which increase further over time)**