



**TITLE:** Costs of Hip Fractures and Head Injuries in Canada

**DATE:** 11 February 2011

## **RESEARCH QUESTION**

What are the costs in Canada associated with hip fractures and head injuries?

## **KEY MESSAGE**

Limited information was identified regarding the costs associated with hip fractures and head injuries in Canada.

## **METHODS**

A limited literature search was conducted on key resources including PubMed, The Cochrane Library (2011, Issue 11), University of York Centre for Reviews and Dissemination (CRD) databases, Canadian health technology agencies, as well as a focused Internet search. Methodological filters were applied to limit retrieval to health technology assessments, systematic reviews, meta-analyses, and economic studies. Where possible, retrieval was limited to Canadian information. The search was also limited to English language documents published between January 01, 2006 and February 4, 2011. Internet links were provided, where available.

The summary of findings was prepared from the abstracts of the relevant information. Please note that data contained in abstracts may not always be an accurate reflection of the data contained within the full article.

## **RESULTS**

Rapid Response reports are organized so that the higher quality evidence is presented first. Therefore, health technology assessment reports, systematic reviews, and meta-analyses are presented first. These are followed by economic evaluations.

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One relevant economic evaluation was identified regarding the costs in Canada associated with hip fractures. No relevant health technology assessment reports, systematic reviews, meta-analyses, or information specific to the costs associated with head injuries were identified. Additional information that may be of interest is included in the appendix.

## **OVERALL SUMMARY OF FINDINGS**

The identified economic evaluation listed the following Canadian costs related to hip fractures:

- \$14,146.50 “per fall”
- \$571.00 per day for 48 days of rehabilitation.<sup>1</sup>

This information was pertinent to patients older than 65 years. No relevant costs were identified regarding head injuries.

## REFERENCES SUMMARIZED

### Health technology assessments

No literature identified.

### Systematic reviews and meta-analyses

No literature identified.

### Economic evaluations

1. Medical Advisory Secretariat. The falls/fractures economic model in Ontario residents aged 65 years and over (FEMOR) [Internet]. Toronto (ON): Ministry of Health and Long-Term Care; 2008. (Ontario Health Technology Assessment Series; vol. 8 no. 6). [cited 2011 Feb 8]. Available from: [http://www.health.gov.on.ca/english/providers/program/mas/tech/reviews/pdf/rev\\_aic\\_femor\\_20081002.pdf](http://www.health.gov.on.ca/english/providers/program/mas/tech/reviews/pdf/rev_aic_femor_20081002.pdf)

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## APPENDIX – FURTHER INFORMATION:

### Economic information

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[PubMed: PM19139320](#)
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### Additional references

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9. Healthy Aging and Wellness Working Group of the Federal/Provincial/Territorial (F/P/T) Committee of Officials (Seniors). Falls prevention and healthy aging [Internet]. In: Healthy aging in Canada: A new vision, a vital investment, from evidence to action-a background paper. Ottawa: Public Health Agency of Canada; 2006 Sep. Chapter 7 [cited 2011 Feb 8]. Available from: [http://www.phac-aspc.gc.ca/seniors-aines/publications/pro/healthy-sante/haging\\_newvision/vision-rpt/falls-chutes-eng.php#falls3](http://www.phac-aspc.gc.ca/seniors-aines/publications/pro/healthy-sante/haging_newvision/vision-rpt/falls-chutes-eng.php#falls3).