

# MEDICAL COSTS OF MOTORCYCLE CRASHES

## Question

How do the costs of medical care provided after motorcycle crashes compare with the costs after automobile crashes?

## Background

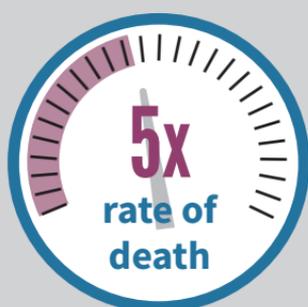
- Although motor vehicle safety has improved in recent years, deaths and injuries from motorcycle crashes have not decreased.
- There is no reliable estimate of costs incurred by motorcycle crashes.

## Study

- Population-based, matched cohort
- Adults in Ontario (2007–2013) who were hospitalized because of a motorcycle or automobile crash

## Results

Risks associated with  
**MOTORCYCLE** versus **CAR CRASHES**:



## Interpretation

1. An understanding of the higher rate of injury and medical costs could inform public health strategy aimed at improving motorcycle safety.
2. Future research should investigate indirect or opportunity costs incurred by motorcycle crashes.

Motorcycle graphic credit: macrovector/iStock

Source: Pincus D, Wasserstein D, Nathens AB, et al. Direct medical costs of motorcycle crashes in Ontario. *CMAJ* 2017;189:E1410-5.

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