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Lifetime cost of chronic ulcers requiring hospitalization in Ontario, Canada: a population-based study

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1. Abstract

Objective: To determine the lifetime cost-of-illness of chronic ulcers from the perspective of the Ontario public health care payer.

Methods: We calculated health care costs for a cohort of individuals hospitalized for a diabetic foot ulcer, pressure ulcer or leg ulcer between 2005 and 2011 using Ontario administrative health care data. Lifetime costs for this cohort were estimated using phase-based costing methods. Net cost was determined by calculating the difference in lifetime costs between the chronic ulcer cohort and a matched non-chronic ulcer cohort. Matching was conducted using a combination of

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