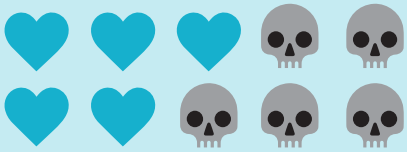
The AVOIDABLE COSTS of Diabetes-Related Major Lower-Limb Amputations

A major lower-limb amputation (LLA) costs Alberta's health care system **10x** more than a minor lower-limb amputation.

MORTALITY

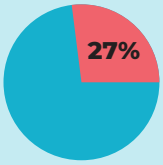
MAJOR LLA



Over **50%** of patients who suffer a diabetes-related major lower-limb amputation die within two years of the procedure.

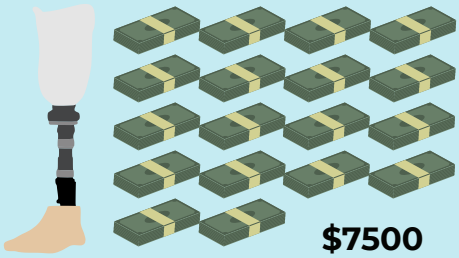
MINOR LLA

Only **20%** of patients who suffer a diabetes-related minor lower-limb amputation die within two years of the procedure.

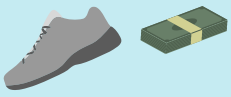


In 2017 the total cost of healthcare management for Diabetic Foot complications was $268 000 000. Prosthetics and Hospitalization accounts for 27% of that total cost.

PROSTHETICS



$7500



$400

The cost of a lower limb prosthetic is 18x the cost of a footwear device.

Total costs of lower-limb prosthetics in Alberta over the last 11 years was **$218 000 000**

Total costs of diabetes-related footwear costs in Alberta over the last 11 years was **$21 000 000**

HOSPITALIZATION

The average hospital stay after a major lower-limb amputation is 10x longer than after a minor lower-limb amputation.

Cost of average stay: **$284 000**

Cost of average stay: **$28 000**

The AVOIDABLE COSTS of Diabetes-Related Major Lower-Limb Amputations

Overall major lower-limb amputations (LLA) cost Alberta's health care system **TWICE** as much as minor lower-limb amputations.

SOCIAL IMPACT

MAJOR LLA

LOWER mobility

DECREASED independence

DECREASED quality of life

MINOR LLA

HIGHER mobility

MAINTAINED independence

MAINTAINED quality of life

ZLPC

Our Podiatric Surgeons at the Zivot Limb Preservation Centre have been able to **decrease** diabetes-related major lower-limb amputations by **47%** in Calgary.

As a result the Podiatric Surgery Section, through providing their services in Calgary hospitals and at the Zivot Limb Preservation Centre have **reduced** diabetes-related lower-limb medical care costs by **$19 000 000 per year**.

% MAJOR LLA

EDMONTON

58%

of diabetes-related amputations are major lower-limb amputations

CALGARY

26%

of diabetes-related amputations are major lower-limb amputations

Zivot Limb Preservation Centre