

# An Economic Evaluation of Zamplo for Patient Self-Management of Fabry Disease

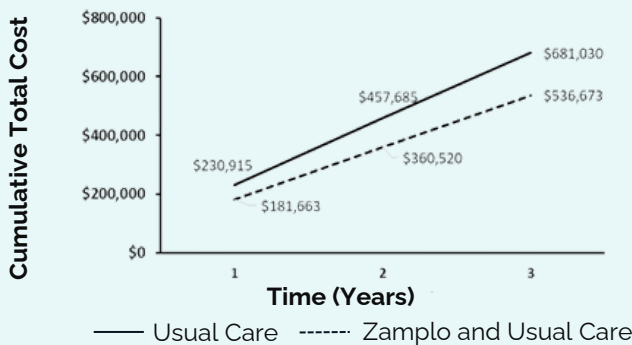
## Purpose

The purpose of this early economic evaluation of Zamplo, a digital health platform to empower patients and encourage self-management of health, is to bring an understanding from a health or societal payor perspective, whether the use of Zamplo by Fabry patients has the potential to improve quality of life and save costs through reduced healthcare utilization.

## Background

A decentralized randomized controlled trial with participants from nine countries was completed by Metabolics and Genetics in Calgary Clinic. The primary outcome evaluated the use of Zamplo’s digital platform for pain management vs. usual care.

### Health Payor Perspective: Zamplo and Usual Care



Zamplo is a novel solution to support patients and the health care system in better managing chronic pain and reducing health care system burden.



Zamplo used in conjunction with usual care has the potential to save healthcare costs by:

**\$50,000** per year



Improve patient-provider communication

Yearly societal costs can be reduced per patient by



**\$2,000** per year due to improved pain management

## Results

### Finding One

1 The incremental net monetary benefit (INMB) was positive, indicating that the intervention is **cost-effective** compared to usual care.

### Finding Two

2 Quality-adjusted life year (QALY), a composite measure of length and **quality of life is positive** for the scenario of Zamplo users only and Zamplo and usual care.

### Finding Three

3 Improved pain management is associated with **increased quality of life, reduced health care costs, including doctor visits, hospitalizations, ER visits, and reduced need for expensive pain management medications.** This has implications for pain management in other health care conditions, such as cancer.

