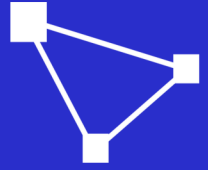




## **CASE FOR SUPPORT**

**RAISING \$1.4 MILLION TO  
TRANSFORM BONE AND  
JOINT CARE IN ALBERTA**



# ALBERTANS ARE SUFFERING

One in five Albertans struggle with bone and joint conditions every year. This problem not only diminishes the quality of life for affected individuals but also imposes substantial economic costs in Canada, amounting to billions annually<sup>1</sup>. The healthcare system is having a hard time dealing with this growing issue.

People dealing with bone and joint issues often face a confusing path for treatment. Because there are limited evidence-based plans, they often end up with treatment plans based on weak evidence or personal stories. The many treatment options, sometimes promising relief for long-term and hard-to-cure conditions, make things even more complicated.

<sup>1</sup> Hopkins, R.B., Burke, N., Von Keyserlingk, C. et al. The current economic burden of illness of osteoporosis in Canada. *Osteoporos Int* 27, 3023–3032 (2016).  
<https://doi.org/10.1007/s00198-016-3631-6>





# NAVIGATING THE KNOWLEDGE GAP

## Knowledge Gap

A significant challenge faced is the lack of reliable information on how well treatments work, how patients respond to them, and the factors predicting treatment success. The existing data primarily comes from specific types of studies, like clinical trials, or biased claims from product vendors. Many of these vendors have profit-oriented motives that further escalates the issue, thereby creating a difficult environment for both patients and healthcare providers.

## Fragmentation in Care

The healthcare system has problems because different types of healthcare, like physiotherapy, family medicine, massage, chiropractic, and orthopedics, don't work together smoothly. This makes it hard to track how well patients are doing, and treatment plans often must be changed without a clear idea of the overall progress.

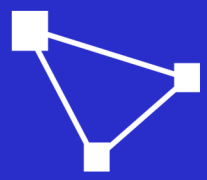
## Information Gaps in Primary Care and Community Clinics

Important information is missing, especially in primary care and community clinics, where they don't have enough data on things like actions people take to manage their health without medicine. Most of the information we have is about things done in hospitals, and this leaves a big gap in understanding all the ways patients are taken care of.

## Implications

People in Alberta deal with a confusing and messy healthcare system. They face different assessments, diagnoses, and treatments with different levels of effectiveness. Because there isn't enough trustworthy information, it's hard for them to make good decisions, making it even more challenging for those with bone and joint issues.





# BUILDING A BETTER FUTURE

## Introducing MAP to MOTION

MAP to MOTION is an innovative web-based platform developed by the Alberta Bone and Joint Health Institute (ABJHI) to engage individuals with bone and joint health conditions. Its aim is to improve patient decision-making, help clinicians provide more personalized care, and enable researchers to identify more effective treatments.

### Working With Patients & Providers to Build Better Solutions

- Promoting collaborative decision-making between patients and healthcare providers to tailor personalized solutions.
- Collaborating with individuals, healthcare professionals, and partner organizations to create a collective effort in improving the lives of those with bone and joint conditions.

### Learning From Lived Experiences

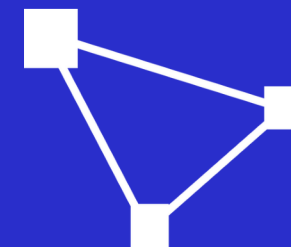
- Utilizing advanced digital tools to gather and integrate patient health experiences with medical records, providing a complete view of their health journey.

### Empowering Better Decision Making

- Empowering individuals to actively track their health progress using decision aids to make informed decisions, allowing learned experience to help guide a life with reduced discomfort.

**We are looking to raise \$1.4 million per year for the next four years (2024-2028) for MAP to MOTION.**





# MAP TO MOTION

## Details

- Participants can contribute data on their treatments and outcomes to healthcare researchers and clinicians through the platform.
- MAP to MOTION integrates patient-reported outcome measures (PROMs) with other health data, offering a comprehensive view of the patient journey.
- Information is presented as ten modules, each covering major joints, for a patient-friendly approach.

## Roadmap

- The first module, focused on shoulders, successfully launched in April 2023.
- Our team is currently developing the knee module, expected to be released in 2024.
- 8 more modules are planned, including a module for conditions surrounding the hip, back & spine, neck, foot & ankle, elbow, hand & wrist, general bone health, and inflammatory arthritis.
- Each module costs approximately \$700,000 and twelve months to develop.
- Two new modules will be developed concurrently, for a total of \$1,400,000 in development costs annually.

Shoulder\*

Knee

Hip

Back &  
Spine

Neck

Foot &  
Ankle

Elbow

Hand &  
Wrist

Inflammatory  
Arthritis

General  
Bone  
Health

MAP to MOTION's Roadmap by Module;  
\*Shoulder module is active as of April, 2023.

## WHO WE ARE

- Alberta Bone & Joint Health Institute (ABJHI) is a non-profit organization dedicated to utilizing evidence-based knowledge to improve the quality of care for individuals with bone and joint health conditions in Alberta.
- ABJHI collaborates with orthopedic clinical teams, Alberta Health Services' Bone and Joint Health Strategic Clinical Network (BJH SCN), Collaborative Orthopedic Research (COrE), SMART Network, The McCaig Institute for Bone and Joint Health, University Hospital Foundation, Royal Alexandra Hospital Foundation, and Calgary Health Foundation.
- ABJHI is Canada's premier independent institute in bone and joint health. The organization uses the best evidence available to develop innovative solutions to problems within the healthcare system and monitors the impacts of these innovations on the quality of care delivered to Albertans.

## OUR VISION

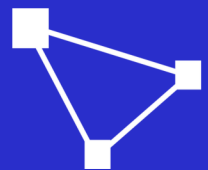
Guided by our six pillars of ethics, integrity, collaboration, evidence, respect, and accountability, we remain steadfast in our vision: "Better Bones, Better Joints, Better Being". Our unique approach leverages strategic partnerships, a multidisciplinary team, and comprehensive data repositories to promote innovation, monitor health care performance, and advance best practices within the field.

## OUR MISSION

Be a source of truth for improving bone and joint health of Albertans through collaboration with patients, clinical professionals, researchers, healthcare professionals, and government.

**With the help of donors like you, we're making a strategic investment in prioritizing research, learning, and innovation of bone and joint health.**

**ABJHI is uniquely positioned to build a comprehensive map of bone and joint health through MAP to MOTION.**



# JOIN THE CAUSE

**We need your help.**

**MAP to MOTION needs \$1.4 million per year for the next four years (2024-2028) to realize its full potential.**

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With your donation, you will help improve the future of bone and joint health in Alberta. You will enable us to continue the important work needed to facilitate better patient experiences and outcomes, through:

- Improving accessibility and data-driven care, ensuring patients receive the most effective care possible.
- Promoting and empowering shared decision-making between patients, providers, and organizations.
- Designing and implementing digital tools that will enhance research in bone and joint health and will fast-track application of research results for the benefit of Albertans.

**DONATE NOW** [maptomotion.org/donate](https://maptomotion.org/donate)

