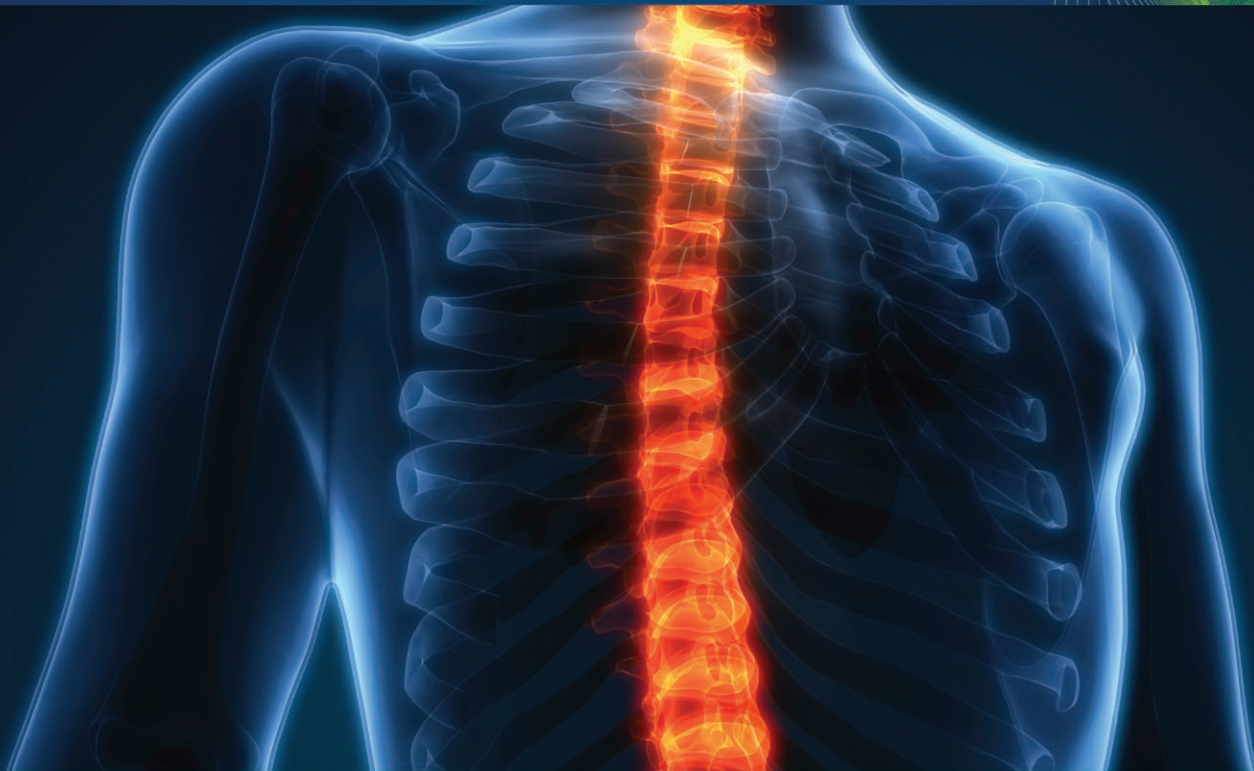


xR HEAD

eXtended Reality Health Economic Acceleration and Development



Development of a standardized BioMechanics Assessment Protocol (BMAP) using Bodiometer's AR-enabled posture tracking app

PROJECT FAST FACTS

PARTNERS: Bodiometer and CALEO Health

AWARD: \$250,000

THE PROBLEM

Current methods of clinically assessing posture and body mechanics are unreliable, as they usually involve visual estimations and a variety of measuring devices. Furthermore, the issue of variability in measurements between clinicians is unavoidable despite which instrument is used. With subjective industry standards, patients may receive varying degrees of care and effective, innovative care cannot spread if practitioners lack common ground.

THE SOLUTION

Bodiometer uses cutting-edge artificial intelligence and computer vision algorithms to objectively measure a patient's postural alignment in seconds. Allied health professionals, such as chiropractors, physiotherapists and occupational therapists can use Bodiometer to visualize human body landmarks in real-time relying on only an iPhone or iPad's camera. Bodiometer replaces the current subjective, archaic and inconsistent measurement tools with an objective, accurate and engaging mobile tool.

PROJECT OBJECTIVES

- Integration of Bodiometer assessment protocols into CALEO Health triage.
- The establishment of baselines for different clinical pathways using collected data.
- Commercialization within the Alberta market and beyond.

ABOUT xR HEAD

In partnership with the Alberta Chapter of the Virtual Reality / Augmented Reality Association (VRARA), Alberta Innovates is proud to announce the eXtended Reality Health Economic Acceleration and Development (xR HEAD) program. This program will be a first-of-its-kind opportunity for stakeholders in Alberta's virtual, mixed, and augmented-reality (collectively 'xR') health innovation ecosystem to come together in a coordinated way to jointly develop xR innovations that can enhance patient care or support the training of health professionals. These opportunities will be co-identified and co-developed by health innovation stakeholders and will align to Alberta Innovates' four research and innovation priorities, the Alberta Research and Innovation Framework (ARIF), and will create economic and health system economic value.

Learn how

albertainnovates.ca