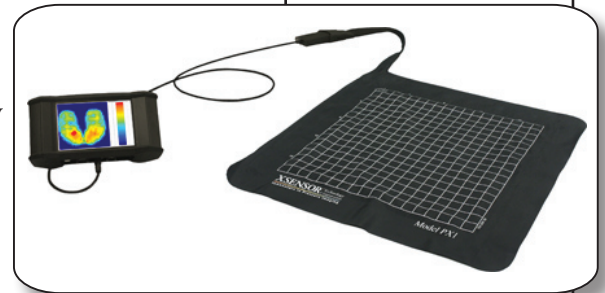




➤ **RASHID KASHANI**, a leading University of Alberta assistant professor in the Faculty of Rehabilitation Medicine, wants to see pressure imaging system technology integrated into the curriculum.

THE CHALLENGE: OCCUPATIONAL THERAPY (OT) IN THE CLASSROOM

Rashid Kashani, an occupational therapist and assistant professor at the University of Alberta, sees more research and learning opportunities for his students if the University of Alberta's Department of Occupational Therapy (within the Faculty of Rehabilitation Medicine) purchases XSENSOR Pressure Imaging System technology for its classrooms. XSENSOR has demonstrated its practical, innovative pressure imaging technology in Kashani's classes and has taken this opportunity to help educate his students on pressure imaging technology and its revolutionary role in OT and the medical field.



CHALLENGES TO MEET

- Unable to demonstrate human cost of pressure wounds versus one-time cost of purchasing pressure imaging equipment (human cost is greater as treatment costs are higher over time)
- Difficult to bridge the gap between theory taught in class and real-life situations in the field
- Lack of supplemental clinical information and evidence to support research hypotheses

XSENSOR SYSTEMS & SOFTWARE FOR HEALTHCARE INDUSTRY:
X3 DISPLAY, X3 Medical 5.0 Software

THE SOLUTION: PRESSURE IMAGING AS A LEARNING TOOL

XSENSOR technology acts as a learning tool in student labs and clinics, helps the faculty focus research efforts on technology, and creates opportunities for practical, in-house demonstration. Books and lectures cannot replace a functioning piece of equipment used in the field. XSENSOR technology provides a more sensory learning experience in class and enhances student perspective on theory.

Pressure imaging technology will help drive evidence-based education in the rehabilitation and occupational therapy fields. Health and wellness are promoted when students become educated on the benefits of preventing a pressure wound over more costly long-term wound treatment. Patients receive better care, and the medical system saves hundreds of dollars in long-term care costs, while OT students learn the economic, social, and physical value of preventative therapy.



THE RESULTS: ADVANCED EDUCATION & RESEARCH

XSENSOR's pressure imaging technology opens up research opportunities for researchers, students, and field practitioners to collect scientific data that supports preventative theories. Students are an excellent audience to question the technology and provide fresh perspective on its function and use as an innovative tool. Research could be conducted to prove that pressure imaging plays a crucial role in evidence-based practice, to show how protocols and care maps or tutorials could be applied in the field, and to prove that pressure imaging helps increase the efficiencies of rehabilitation to the extent where it is replaced by increased health and wellness.

Before pressure imaging there was more guesswork in terms of how and why clients were diagnosed. Now clients can be educated and involved in the decision-making. XSENSOR's pressure imaging technology helps to empower clients and also show them in a tangible manner the consequences and treatment related to having a wound.

