

An Innovative Made-in-Alberta Model for Hip and Knee Replacements

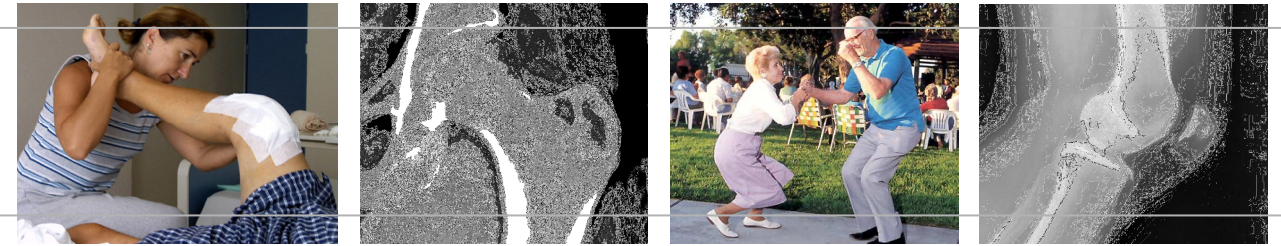
FEATURES OF THE NEW APPROACH

- ✓ Fully integrated continuous services delivered in a multidisciplinary environment
- ✓ Assessment, diagnosis and non-surgical treatment centralized in single-purpose hip and knee clinics
- ✓ A shared-care approach that puts patients at the centre of their care
- ✓ The right care provided to the right individuals for the right reasons in the right way by the right provider in the right setting at the right time
- ✓ The skills and knowledge of Alberta's health professionals used to maximal value
- ✓ Clear patient and provider responsibilities supported by accountability mechanisms

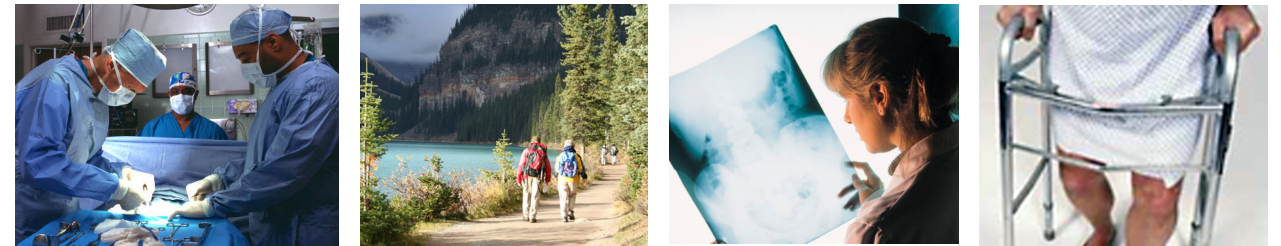
Winner of the Canadian Institutes of Health Research Partnership Award



For further information contact
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Alberta Hip and Knee Replacement Pilot Project *Patient Results One Year Following Surgery*



March 2008

AN INNOVATIVE MADE-IN-ALBERTA MODEL FOR HIP AND KNEE REPLACEMENTS CONTINUES TO BENEFIT PATIENTS LONG AFTER THEIR SURGERY

- ✓ **Less pain**
- ✓ **Faster return to normal daily activities**
- ✓ **Significantly greater improvement in general health**

NOW THE NEW MODEL IS BEING ROLLED OUT ACROSS ALBERTA WITH THE SUPPORT OF ALBERTA HEALTH AND WELLNESS

A partnership of Alberta's physicians and health regions, Alberta Health and Wellness,
and Alberta Bone and Joint Health Institute





FASTER, BETTER, MORE EFFICIENT — SUPPORTED BY EVIDENCE



HIGHLIGHTS OF NEW APPROACH

Faster access to specialists and surgery

Shorter hospital stay

Greater patient and health care provider satisfaction

More cost-effective use of scarce public health resources

Based on world's best evidence

An innovative approach for sustainable improved public health care

Albertans who had a hip or knee replaced under an innovative new health care model had significantly greater improvement in general health and had less pain one year after surgery than patients in the conventional approach. The results are based on follow-up with patients in the landmark Alberta Hip and Knee Replacement Pilot Project.

The results one year after surgery indicate the benefits of the new made-in-Alberta model are lasting, and they continue to be felt in areas that are extremely important to the overall wellbeing of patients.

Patient general health was almost 50% better at 12 months than that of patients who had surgery under the conventional approach. Patients in the new model reported less pain and greater ability to perform normal daily activities. The results at 12 months show that the improvements patients reported three months after surgery are being sustained.

The pilot, which concluded in 2006, involved 1,125 patients who followed the new model for their assessment, diagnosis, surgery and recovery and 513 who followed the conventional way of delivering services. It was conducted in the Capital, David Thompson and Calgary health regions. Hospital stay was cut to an average 4.7 days from six days. Average wait to see a specialist dropped to 21 working days from 145. Wait for surgery declined to 37 working days from 290 days.

Alberta's physicians, health regions, Alberta Health and Wellness and Alberta Bone and Joint Health Institute are now working together to make the model the standard of care for hip and knee replacements across the province.

PATIENT SATISFACTION					
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TARGET FOR NEW APPROACH: Ongoing improvement in patient satisfaction					

EVIDENCE-BASED STANDARDS					
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WAIT TIME FROM REFERRAL TO 1ST ORTHOPAEDIC CONSULT					
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TARGET FOR NEW APPROACH: Within 17 working days					
WAIT TIME FROM 1ST ORTHOPAEDIC CONSULT TO SURGERY					
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TARGET FOR NEW APPROACH: Within 20 weeks – patient-dependent					

UTILIZATION OF RESOURCES					
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TARGET FOR NEW APPROACH: Time in operating room = 98 minutes; length of hospital stay = 3.8 days					

PHYSICAL AND SOCIAL FUNCTION AND PAIN EXPERIENCE					
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TARGET FOR NEW APPROACH: Ongoing physical and social function improvement and ongoing pain reduction					

COMPLICATIONS AND ADVERSE EVENTS					
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TARGET FOR NEW APPROACH: Ongoing decrease in surgery-related complications					