

Connecticut Joint Replacement Institute (CJRI) Outcomes Report

Our Highlights:

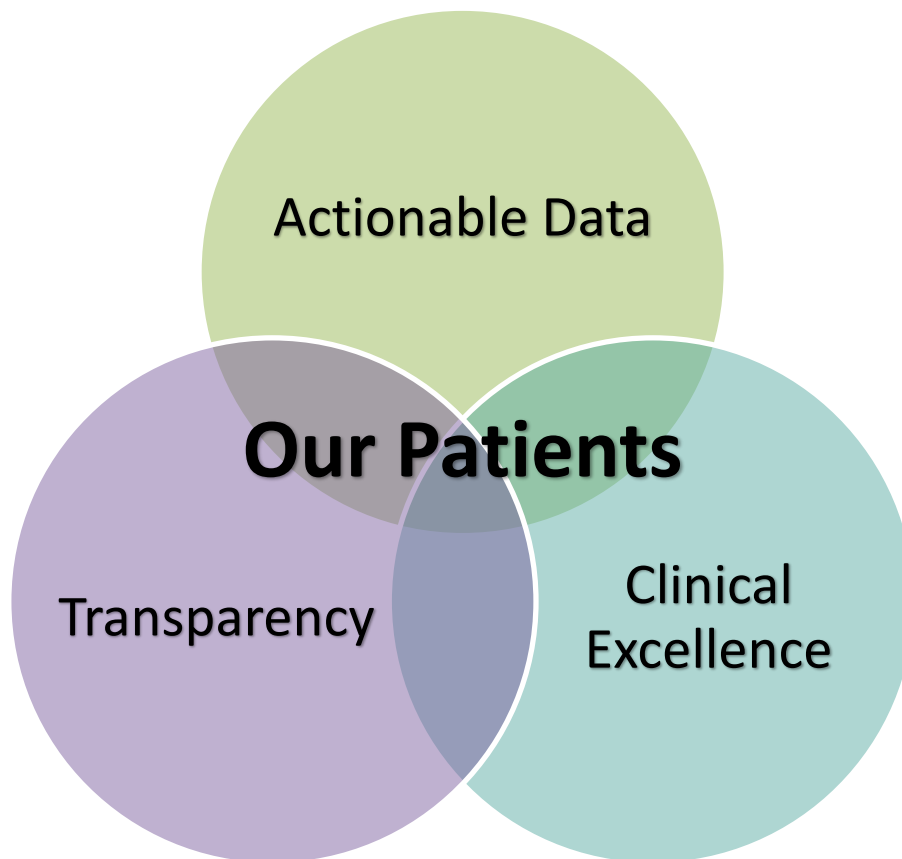
- Nationally recognized
- Over 27,000 surgeries performed
- Devoted to excellence in patient care
- Proven superior outcomes that matter.



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Our Focus



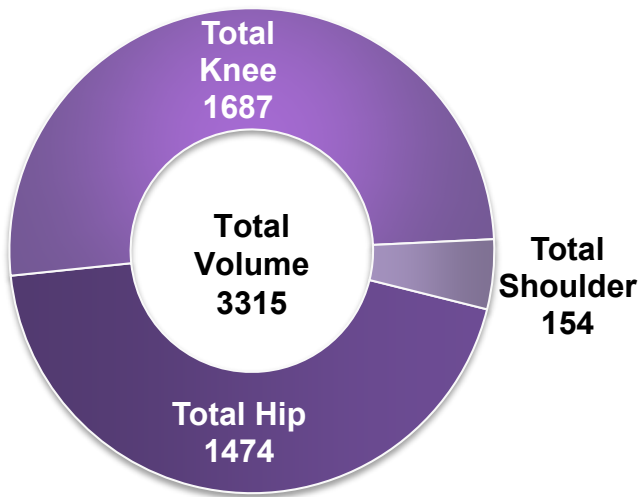
CJRI is focused on providing outstanding care in joint replacement surgery. We strive to improve not only our own program, but the orthopedic community as a whole. We accomplish this by carefully collecting and analyzing data on patient experiences and outcomes. In doing so, we are able to continuously improve our processes and protocols to best meet patient's needs.

Michael Cremins, PhD, PA-C
Director
Musculoskeletal Outcomes Institute
Connecticut Joint Replacement Institute
Saint Francis Hospital & Medical Center

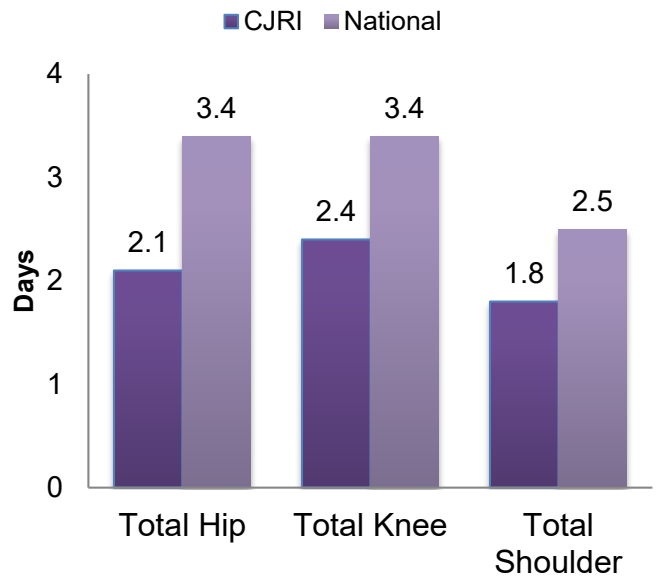
Demographics

The following data represents surgeries occurring between October 2015 and October 2016

Volume

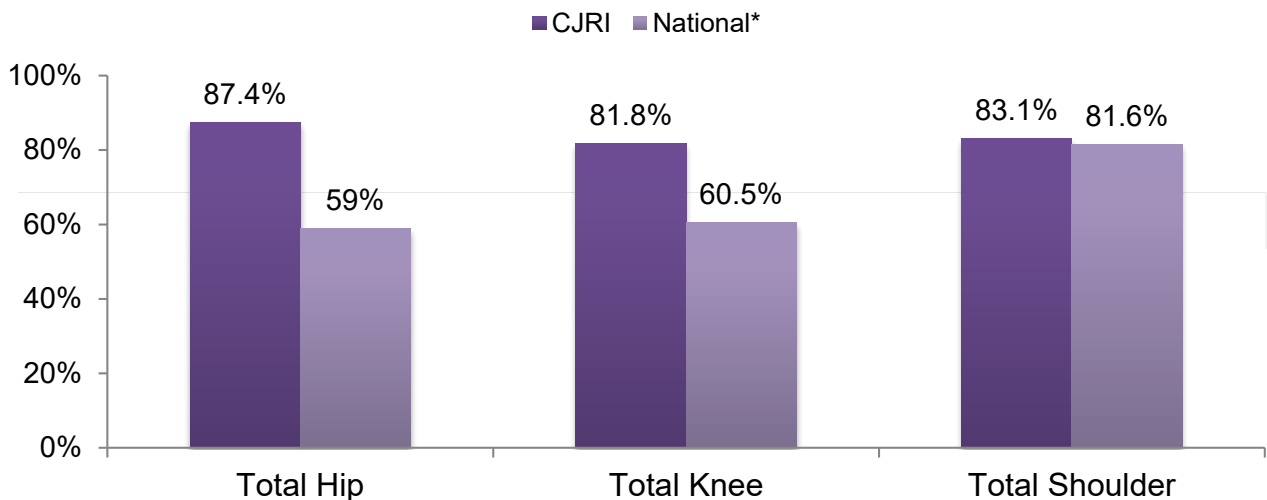


Average Length of Stay



Length of Stay: How long a patient stays in the hospital after surgery
*National data from CMS

% Patients Discharged Home



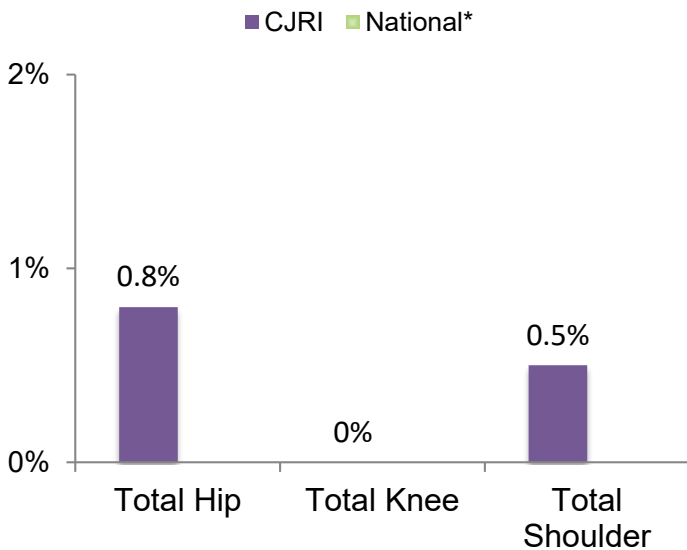
Represents patients who were discharged home and not to rehabilitation or skilled nursing facility

*National data for Total Hip and Total Knee: National Hospital Discharge Survey, CDC, 2010 and for Total Shoulder: International Orthopaedics, 2015...

Outcomes

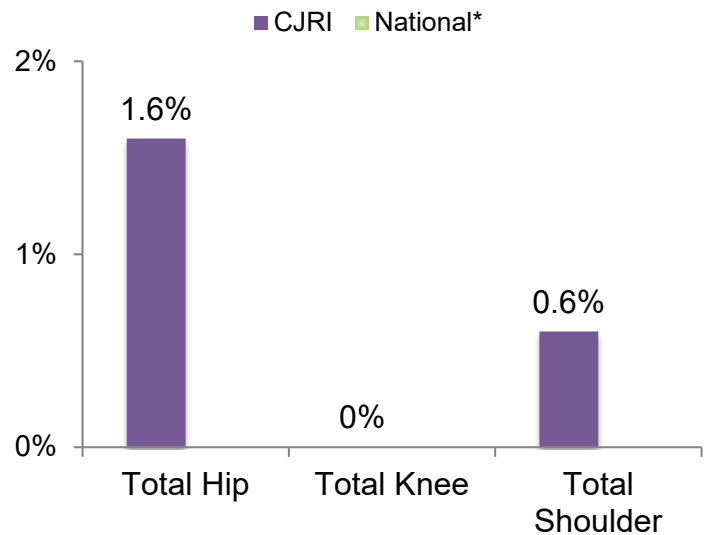
For complication data,
a lower rate is better

Dislocations



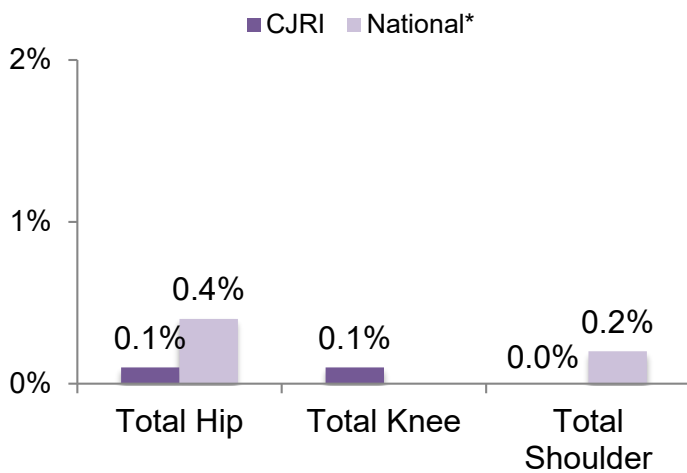
Dislocation: an injury where a joint is forced out of normal position
No national data available

Fractures



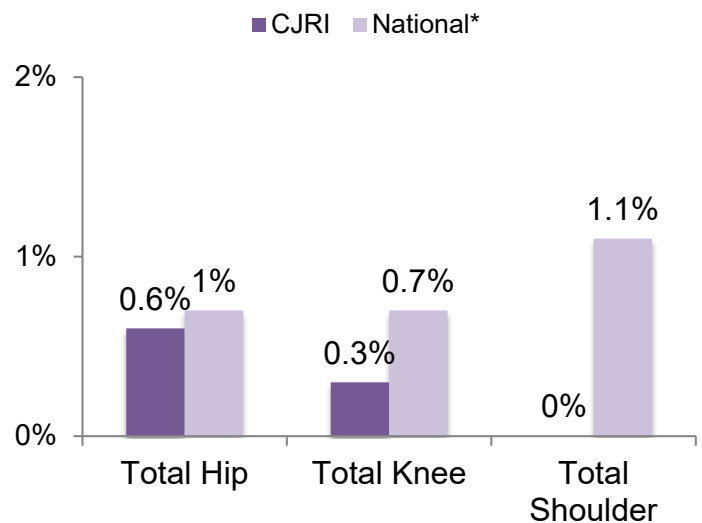
Fracture: broken bone that occurs around the components or implants in a total joint replacement surgery
No national data available

Hematomas



Hematoma: a collection of clotted blood outside of a blood vessel
*National data for Total Hip: Journal of Arthroplasty, 2013 and for Total Shoulder: Journal of Bone and Joint Surgery, 2017
No national data for Total Knee

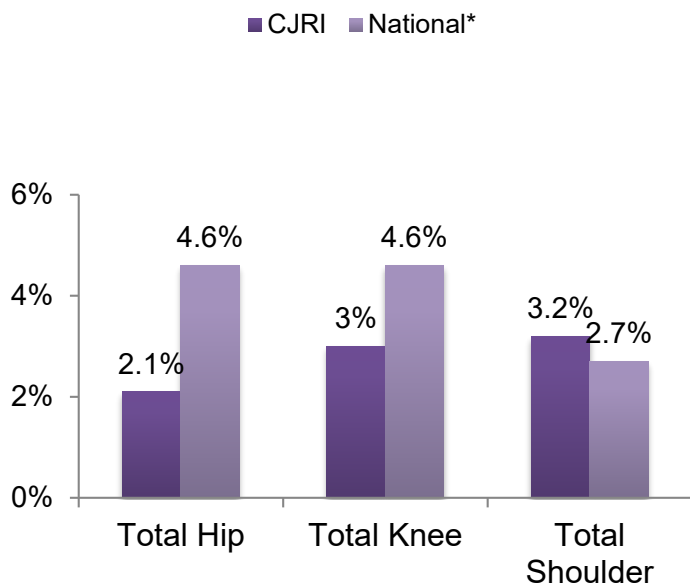
Infections



Infection: the process of bacteria invading the implant (not the skin or soft tissues)
*National data for Total Hip and Total Knee: CMS and for Total Shoulder: Acta Orthopaedica, 2015

Outcomes (Continued)

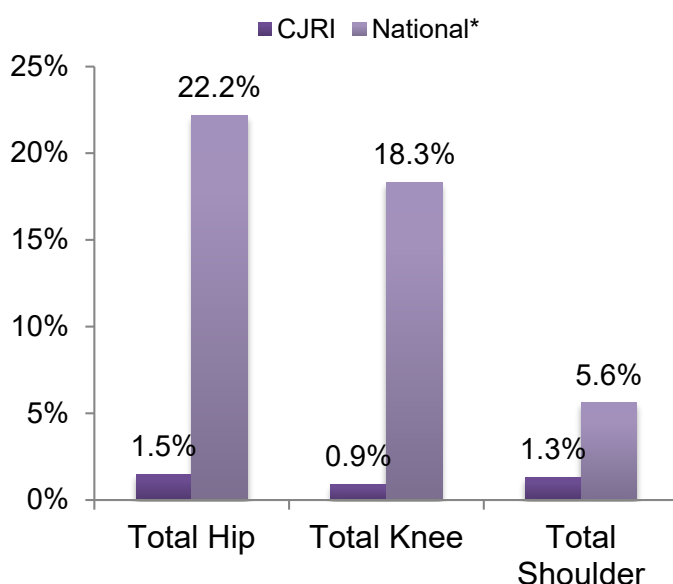
Readmissions



Readmission: a patient left the hospital and needed to be readmitted

*National data for Total Hip and Total Knee: CMS and for Total Shoulder: Iowa Orthopaedic Journal, 2016

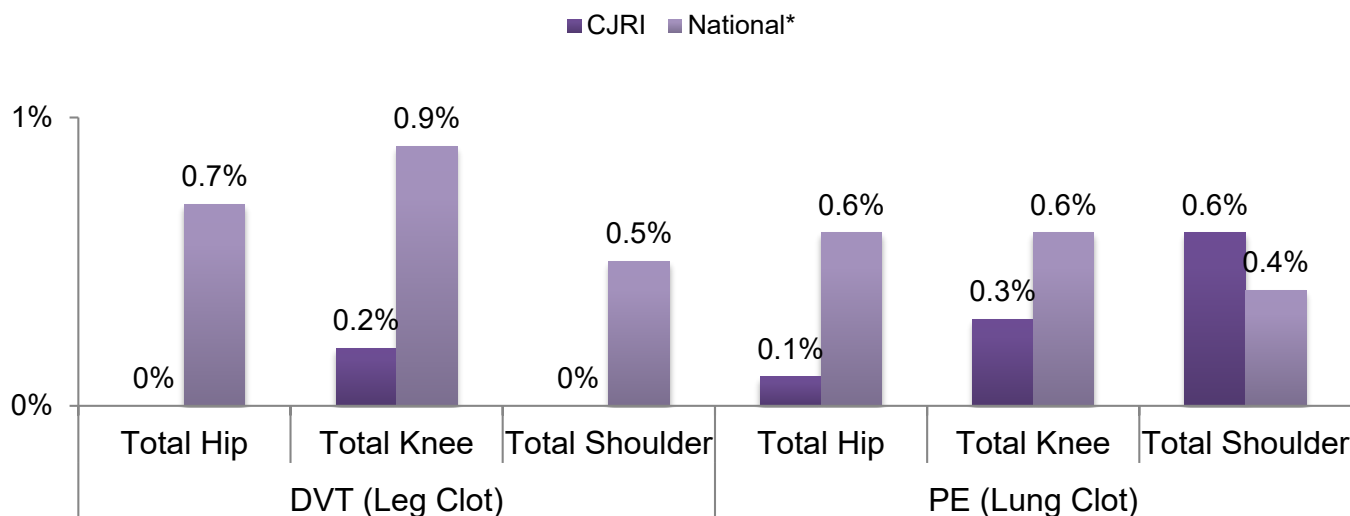
Transfusions



Transfusion: a blood transfusion that was required after surgery

*National data for Total Hip and Total Knee: Journal of Bone & Joint Surgery, 2014 and for Total Shoulder: International Orthopaedics, 2015

VTE



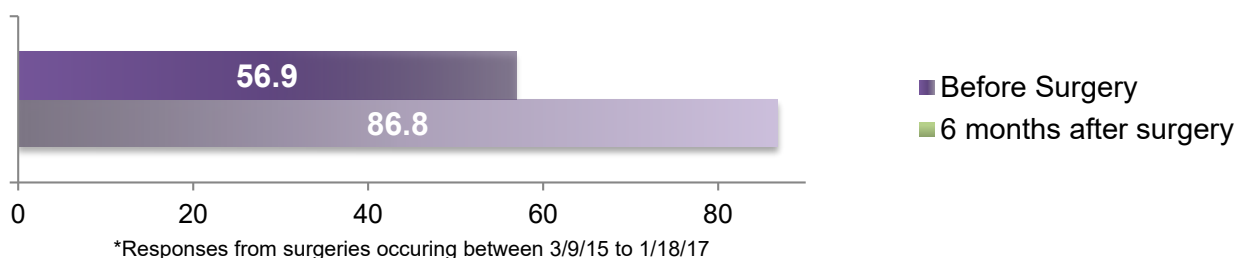
VTE: Venous thromboembolism, a blood clot in either the leg (Deep vein thrombosis - DVT) or the lung (pulmonary embolism - PE)

*National data for Total Hip and Total Knee: DVT (AAOS), PE (CMS) and for Total Shoulder: Acta Orthopaedica, 2015

Patient Reported Outcomes

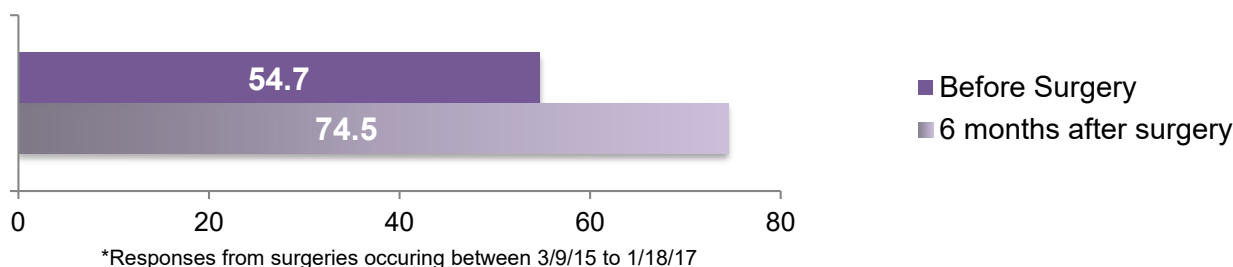
Hips

The Hip Disability and Osteoarthritis Outcome Score (HOOS) is a survey that measures patients' ability to partake in certain activities. A score of 100 is perfect and indicates the patient has no pain and no limitations. Before surgery, our patients score an average of 56.9 on the HOOS. Six months after surgery, our patients score an average of 86.8.



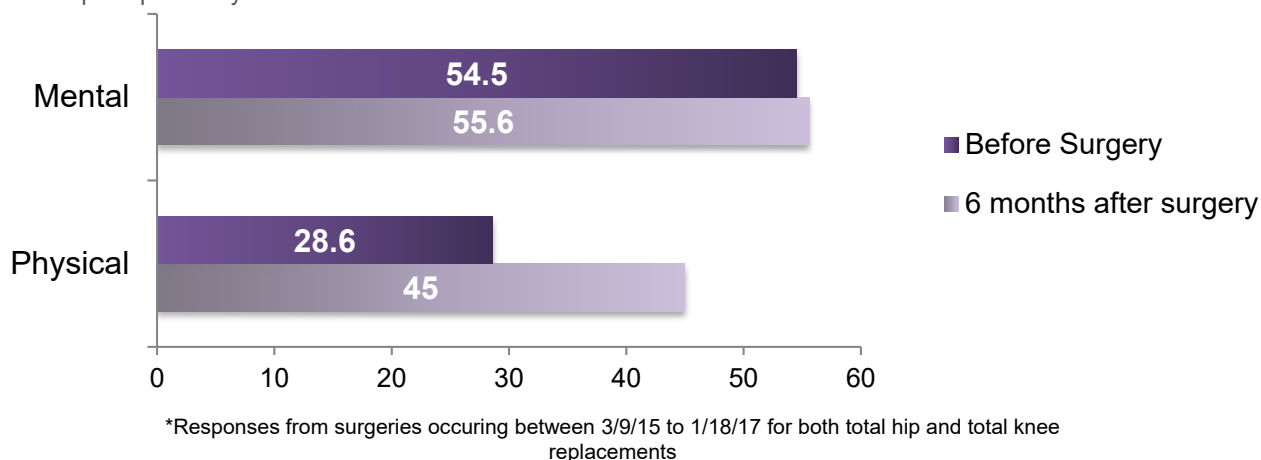
Knees

The Knee Disability and Osteoarthritis Outcome Score (KOOS) is a survey that measures patients' ability to partake in certain activities. A score of 100 is perfect and indicates the patient has no pain and no limitations. Before surgery, our patients score an average of 54.7 on the KOOS. After surgery, our patients score an average of 74.5.



VR-12

The VR-12 is an instrument used to measure quality of life. It is separated into two categories: Physical and Mental. For the physical category, our patients scored on average 28.58 preoperatively and 44.95 postoperatively. For the mental category, our patients scored on average of 54.46 preoperatively and 55.56 six months postoperatively.



Patient Experience

HCAHPS

HCAHPS stands for Hospital Consumer Assessment of Healthcare Providers and Systems. It is a public report that compares patient experience across hospitals.

Percentile Rank:

Where the hospital ranks, 0 being the worst and 100 being the best, compared to state-level or national-level hospitals

CJRI

| Question | Score | State Percentile Rank | National Percentile Rank |
|---|-------|-----------------------|--------------------------|
| Overall Rating (9 or 10) | 89% | 99 | 96 |
| Would Recommend | 91% | 99 | 97 |
| Doctors treat with courtesy and respect | 94% | 99 | 92 |
| Nurses treat with courtesy and respect | 87% | 89 | 82 |

**Responses from January 2016 – December 2016*



Saint Francis Hospital & Medical Center
Connecticut Joint Replacement Institute
Musculoskeletal Outcomes research Institute