

## WHAT IS THE AJRR?

The American Joint Replacement Registry (AJRR) is a multi-stakeholder, independent, not-for-profit organization with diverse national constituents. The AJRR's goal is to optimize patient outcomes through collection of data on all primary and revision total joint replacement procedures in the U.S. The mission of the registry is to enhance patient safety, improve quality of care, and reduce the cost of care.

## PATIENTS

We do not know all of the factors that influence the success of a total joint replacement. The AJRR includes all patient types, not just Medicare. With an estimated 90 percent capture rate, the registry **provides more comprehensive orthopaedic knowledge** to help identify problems before they are discovered by public health agencies. More than a data repository, the AJRR provides a wide range of actionable information and reporting that helps improve patient care and hospital management. The AJRR specifically helps with:

- Improved patient follow-up and intervention
- Informed clinical decision-making
- Better quality control
- Early detection and an improved product
- Increased leverage with payers

## 2012 GOALS

- Launch final registry production software using lessons learned from the proof of concept trial
- Eliminate need for manual data entry at hospitals through electronic interfaces
- Expand registry staff to accelerate hospital enrollment to expand the number institutions reporting data in 2012
- Finalize AJRR policies and procedures for data reporting to leverage input from the multi-stakeholder AJRR community
- Engage governmental agencies, medical societies and the Public Advisory Board to ensure the AJRR remains on track with its requirements and goals of improving patient outcomes

## AJRR MILESTONES

In 2009 the American Academy of Orthopaedic Surgeons (AAOS) and industry leaders approved conceptual and financial support for the AJRR.

- May 2009 –Launch meeting held in New York
- June 2009 – AJRR officially incorporated as a Not For Profit organization
- June 2009 – Obtained independent Institutional Review Board (IRB) approval, waiver of informed consent and HIPAA waiver of authorization certifications
- September 2009 – Workgroups formed
- February 2010 – AJRR board ratified by the AAOS
- November 2010 – AJRR received 501 (c)(3) status
- December 2010 – Business Plan finalized and approved by Board of Directors
- March 2011 – Initiated pilot program involving 15 diverse pilot hospital sites
- March to July 2011 – Successful data transmission and collection from pilot sites
- July 2011 – Completed data trial, lessons learned and review
- To date –More than 7,000 procedures in data base
- 2012 – Transition to production activities and expanding recruitment of hospital sites

## JOINT REPLACEMENT BY THE NUMBERS

- Over 750,000 knee and hip replacements are performed each year in the U.S. **Up to 12%** of these procedures may face future revision.
- Joint registries in Sweden, United Kingdom, Canada, and Australia have seen **up to a 5% reduction in revision rates** after registry initiation.
- If the U.S. revision rate were cut by just 2%, we could realize savings of over **\$65 million**.

## CONTACT THE AJRR

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