# Hip Arthroplasty
# Measure #5: Identification of Implanted Prosthesis in Operative Report

## Measure Description

Percentage of patients undergoing hip arthroplasty whose operative report identifies the prosthetic implant specifications including the prosthetic implant manufacturer, the brand name of the prosthetic implant, and the size of each prosthetic implant

## Measure Components

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| **Numerator Statement** | Patients whose operative report identifies the prosthetic implant specifications including the prosthetic implant manufacturer, the brand name of the prosthetic implant, and the size of each prosthetic implant |
| **Denominator Statement** | All patients undergoing an elective primary total hip arthroplasty |
| **Denominator Exceptions** | None |
| **Supporting Guideline & Other References** | The following evidence statements are quoted verbatim from the referenced clinical guidelines:<br><br>Effective tracking of devices from the manufacturing facility, through the distributor network (including distributors, retailers, rental firms and other commercial enterprises, device user facilities, and licensed practitioners) and ultimately, to the patient is necessary for the effectiveness of remedies prescribed by the act, such as patient notification (section 518 (a) of the act) or device recall (section 518 (e) of the act). 21 CFR 821.1 (b)[22] |

## Measure Importance

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| **Rationale** | It is important to capture the type of prosthesis used. The FDA requires appropriate tracking of the device but this information may not be readily available to the surgeon performing the revision. The number of patients undergoing a revision total hip replacement is more than 40,000 annually at a direct cost of over $1 billion.[23] The surgeon performing the revision needs to be able to identify the prosthesis and size of the prostheses that were used in the initial surgery to determine if a complete revision is required or if a partial revision could be performed. The initial operative report should contain the necessary information which will ultimately help the future treating physician who performs the revision surgery. |
| **National Quality Strategy Domain** | Patient Safety |
| **Exception Justification** | This measure has no exceptions. |
| **Harmonization with Existing Measures** | Harmonization with existing measures was not applicable to this measure. |

## Measure Designation

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| **Measure purpose** | • Quality improvement<br>• Accountability |
| **Type of measure** | • Process |
| **Level of Measurement** | • Individual practitioner |
| **Care setting** | • Hospital care |
| **Data source** | • Electronic health record (EHR) data<br>• Paper medical record<br>• Registry data |

## Technical Specifications

The specifications listed below are those needed for the performance calculation.

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| **Denominator (Eligible Population)** | All patients undergoing an elective primary total hip arthroplasty<br><br>CPT Service Code: 27130 (**Excludes hip fractures** – see addendum for exclusion codes) |
| **Numerator** | Patients whose operative report identifies the prosthetic implant specifications including the prosthetic implant manufacturer, the brand name of the prosthetic implant, and the size of each prosthetic implant |