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# **IMPLEMENTATION OF THE HOOS QUESTIONNAIRE IN THE APULIA ARTHROPLASTY REGIONAL REGISTRY: RESULTS OF THE FIRST PHASE**

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**Introduction:** It is currently acknowledged by the scientific community that methods detecting personal effect on disability indicate the patient's assessment of outcome. To introduce PROMs at regional level, in 2012, the Apulia Regional Arthroplasty Registry based at the Regional Epidemiological Observatory, started a pilot study, within the context of the Italian Arthroplasty Registry project. A first analysis of the data currently collected is presented.

**Methods:** The study protocol was approved by the Ethical Committee of the Italian National Institute of Health on 22/6/2012. Nine hospitals were enrolled on a voluntary basis. Patients undergoing hip arthroplasty with a diagnosis of osteoarthritis were considered eligible. Nurses were trained to administer the patients with the Italian version of HOOS ([www.koos.nu](http://www.koos.nu)) together with EQ-5D and a Visual Analogue Scale (VAS) before surgery. Data were stored using File-maker pro. Preliminary analyses were performed using STATA.

**Results:** In the last quarter of 2012, three of the nine enrolled hospitals (2 public and 1 private) were able to start collecting data. Data relevant to 70 patients were preliminarily analysed (mean age 68y (SD=10); 56% women). 50% of patients referred having experienced high difficulty in standing and a continuous pain in the affected hip in the last week before surgery. 46% had highly modified their lifestyle to prevent potential further harm to their hip. Pre-op average VAS was 67.

**Conclusions:** Data collected about patients' quality of life confirmed the indication for surgery. Follow-up data, linked to the data collected in the regional registry, are needed to assess the outcome of the procedure.