

Provisional Monthly Patient Reported Outcome Measures (PROMs) in England – 1st April 2014 to 31st December 2014.

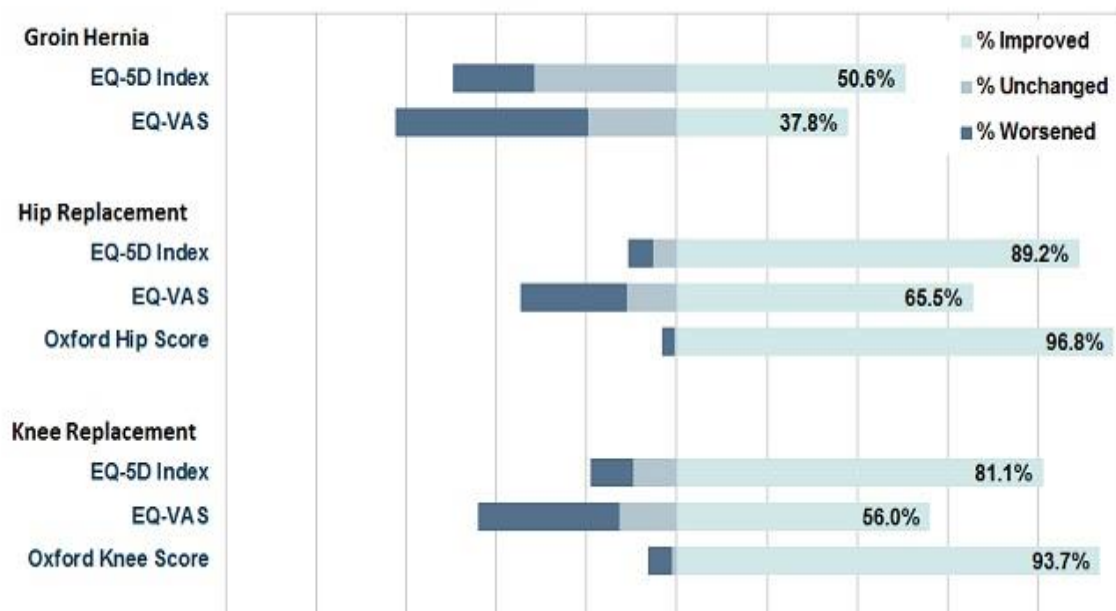
Publication date: May 14, 2015

Source: Health and Social Care Information Centre <http://www.hscic.gov.uk>

Summary

Patients undergoing elective inpatient surgery for four common elective procedures (hip and knee replacement, varicose vein surgery and groin hernia surgery) funded by the English NHS are asked to complete questionnaires before and after their operations to assess improvement in health as perceived by the patients themselves.

Chart 1 - Improvement rate (*unadjusted scores*) by procedure and measure



Participation and Coverage

- There have been 195,840 PROMs-eligible procedures carried out in hospitals and 147,785 pre-operative questionnaires returned so far, a headline participation rate of 75.5 % (75.5 % for 2012-13).
- For the 147,785 pre-operative questionnaires returned, 87,311 post-operative questionnaires were sent out, of which 47,292 have been returned so far - a return rate of 54.2 % (73.3 % for 2012-13).

Unadjusted Scores

Comparing pre- and post-operative 'EQ-5D Index' scores (a combination of five key criteria concerning patients' self-reported general health), an increase in general health was recorded for:

- 50.6 % of groin hernia respondents (49.4 % for 2012-13)
- 89.2 % of hip replacement respondents (87.9 % for 2012-13)
- 81.1 % of knee replacement respondents (79.7 % for 2012-13)

Comparing pre- and post-operative 'EQ-VAS' values (the current state of the patient's self-reported general health), an increase in general health was recorded for:

- 37.8 % of groin hernia respondents (37.4 % for 2012-13)
- 65.5 % of hip replacement respondents (64.2 % for 2012-13)
- 56.0 % of knee replacement respondents (54.6 % for 2012-13)

Comparing pre- and post-operative responses to condition-specific questions, improvements in patients' conditions were recorded for:

- [There is no condition-specific scoring for groin hernia patients.]
- 96.8 % of hip replacement respondents (95.8 % for 2012-13) ['Oxford Hip Score']
- 93.7 % of knee replacement respondents (92.3 % for 2012-13) ['Oxford Knee Score']

The PROMS reporting tool consists of 2 parts. The EQ-5D descriptive system and the EQ visual analogue scale (EQ VAS). The descriptive system comprises the following 5 dimensions: mobility, self-care, usual activities, pain/discomfort and anxiety/depression. Each dimension has 3 levels: no problems, some problems, extreme problems.

Scoring the EQ-5D-3L Descriptive System - The respondent is asked to indicate his/her health state by ticking (or placing a cross) in the box against the most appropriate statement in each of the 5 dimensions.

Scoring the EQ VAS – This records the respondent's self-rated health on a vertical, visual analogue scale where the endpoints are labelled 'Best imaginable health state' and 'Worst imaginable health state'. This information can be used as a quantitative measure of health outcome as judged by the individual respondents.