NHS
Vale of York
Clinical Commissioning Group

Knee Replacement Patient Reported Outcome Measures (PROMS)

Data Summary 2013/14

Introduction

Included in this document are charts with comparable information regarding PROMS scores for Knee replacements across a range of providers in the region.

Why use this information

This document is intended to provide information regarding the health outcomes that patients themselves have reported following surgery. The graphs show, for the range of local providers, the average patients outcome scores which are comparable to the England average for that procedure. These figures are accurate up to the date of production of this document (October 2015).

What are the different types of PROMs Questionnaires for Knee replacement?

Oxford Knee Score	• Specific for Total Knee Replacements • 12 questions to assess function and pain, 0-4 points • Given as a single summed score from 0 to 48
EQ VAS Visual Analogue Scale	• Self-rating health-related quality of life scale • Places self reported health state on a point in a line • Line is from 0 to 100 where 0 is 'worst' and 100 is 'best' possible health
EQ5D index score	• Multi-dimensional covering five specific areas • Mobility, Self-care, Usual activities, Pain/discomfort and Anxiety/depression • Responses record three levels of severity

Data Explanation: Information shown on each chart is arranged in the following sections:

- Clinical Commissioning Group (CCG) data - Vale of York CCG and two comparative CCGs who have been identified as having populations and demographics closely aligned to ours (Grey bars)
- NHS provider data –the main NHS providers of this procedure in the area (light blue bars)
- Private provider data – the main private providers who also treat NHS patients for these procedures in the area (dark blue bars)

Top chart on page: Shows the patient responses, for the given specific measurement and also by each provider in the local area (under the sections shown above).

The bar shown for each provider represents the percentages of patients who have reported as either having an 'improvement' following the procedure (green section) or 'no change' or that their condition 'worsened' following the procedure (red section).

Bottom Chart on page: Shows the figure for each provider or CCG in comparison to the England average for that procedure, as reported using that particular measurement. Where the bar extends to the right of the line indicating the national average, those patients reported 'better than average' health outcomes following the procedure.
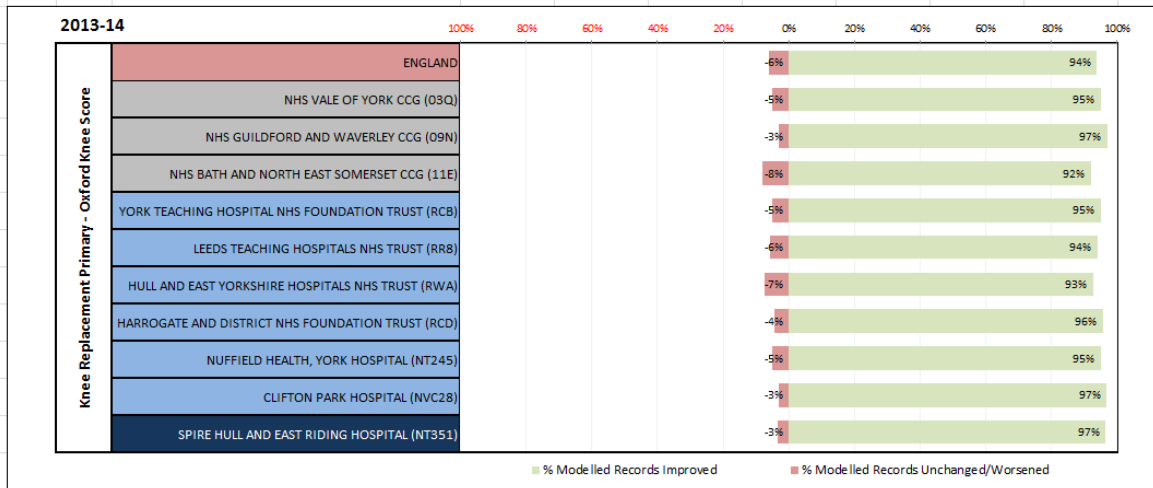
Please Note: Figures for each provider are only comparable against the national average score, which is indicated by the vertical red line or top bar on chart and **not** directly against each other.

Data Note: The data included in this version of the document was published by HSCIC in April 2015. The data from HSCIC is subject to Copyright © 2015, Re-used with the permission of the Health and Social Care Information Centre. All rights reserved."

The figures included in the graphs are provided where there are at least 30 records from that provider. If there are fewer than 30 records for a provider 'no data' is available. The information available is not representative of every patient who underwent a particular procedure, only those who completed the pair of questionnaires (pre- and post-operative).).
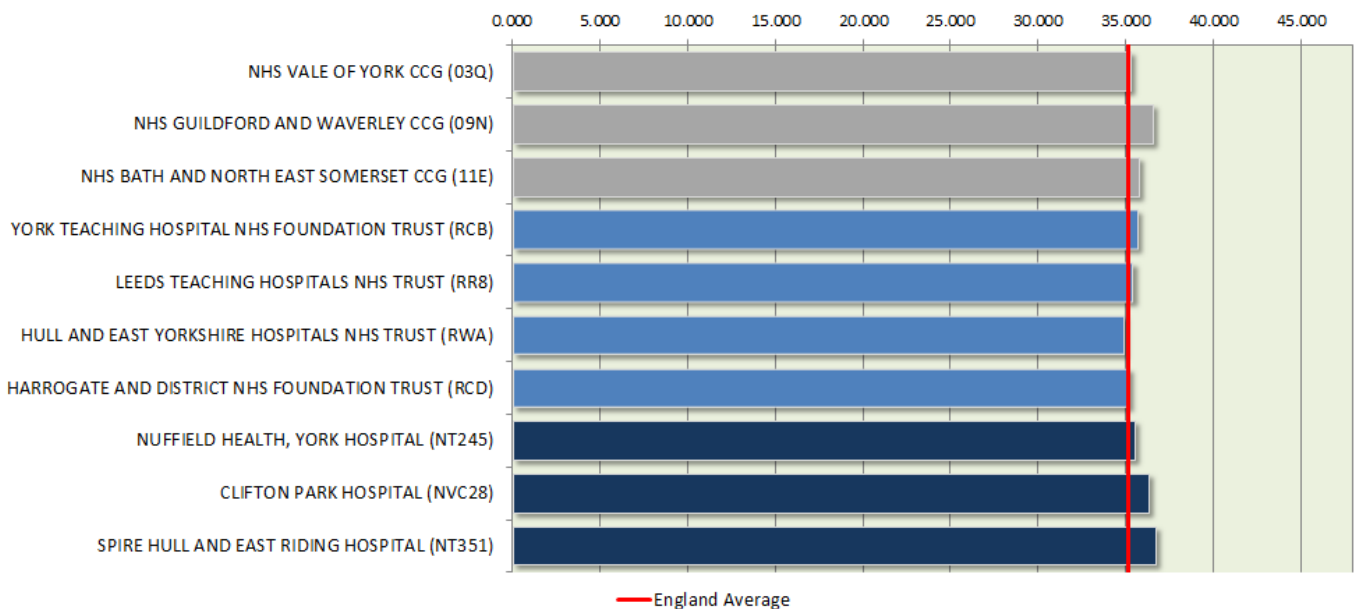
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Knee replacement patient outcomes using Oxford Knee Score measure

This measure records that patients are reporting high levels of 'improvement' following this procedure at all local providers. The only provider where patients were reporting levels of 'improvement' below the national average (94%) for 2013/14 were from procedures at Hull & East Yorkshire Foundation trust.
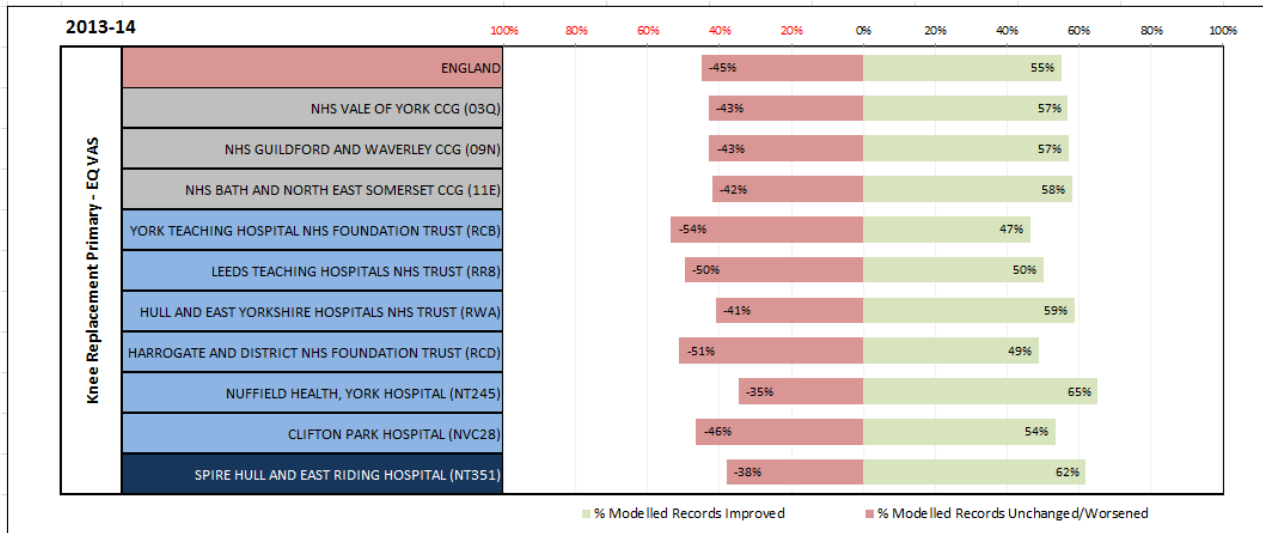

The average outcomes for those in Vale of York were reported by patients to be above the national average in 2013/14. York Teaching Hospital patients reported outcomes above the national average figure in 2013/14. Patients at Clifton Park also reported outcomes higher than the national average in 2013/14.

PROMS Analysis for Knee Replacement Primary, Oxford Knee Score in 2013-14. (Score Range: 0 to 48)

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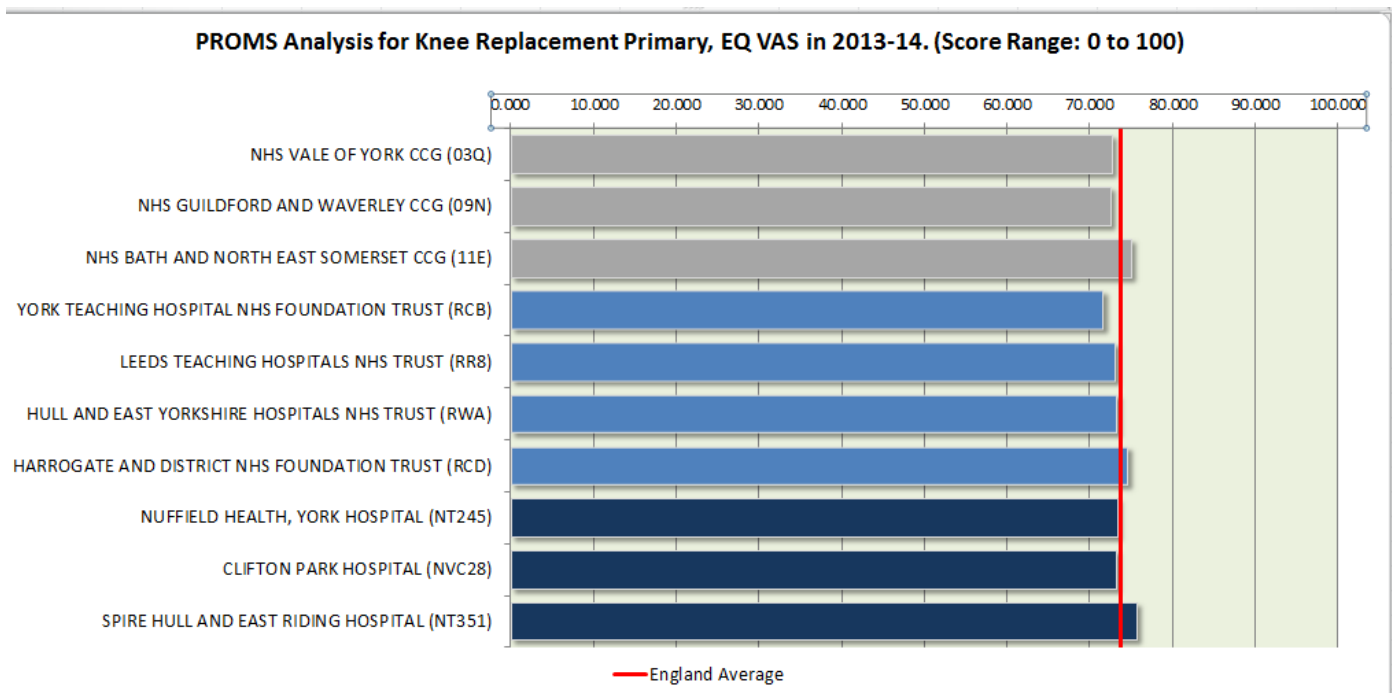**Clinical Commissioning Group**

Knee replacement patient outcomes using EQ-VAS measure

The patient outcomes that have been reported in 2013/14 using the EQ-VAS measure show that only Nuffield Health and Spire (East Riding) have 'improvement' scores above 60%. The national average from this measure, reports that 45% of patients have 'no change' or that their condition 'worsened' following this procedure.
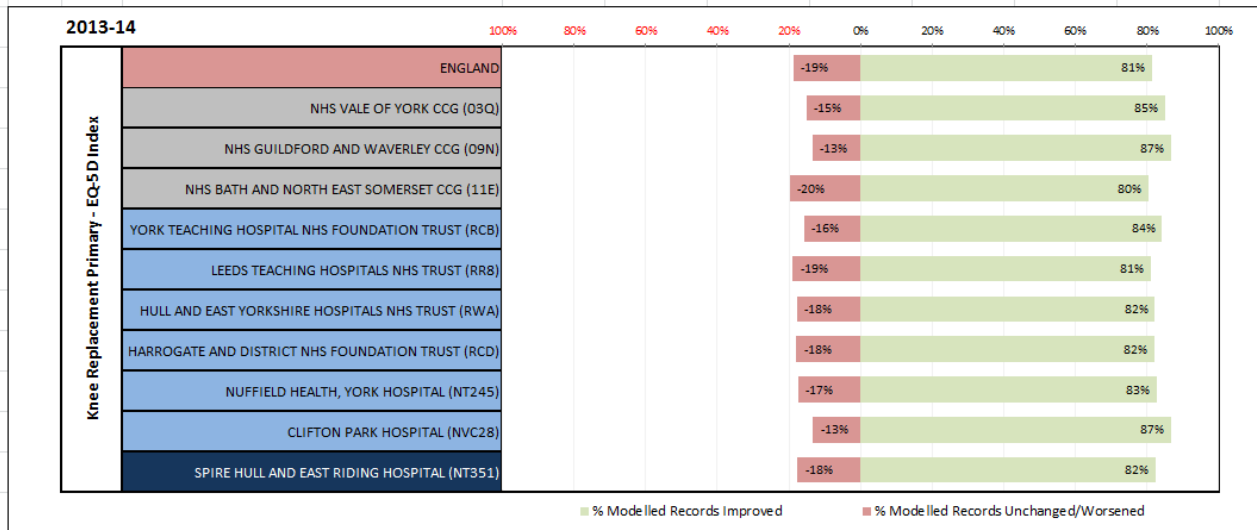

Patients at Leeds Teaching Hospital have been reporting outcomes below than the national average in 2013/14. Patient outcomes were reported as being below the national average in 2013/14 for all providers in the local area except Harrogate & District and Spire (Hull and east Riding).
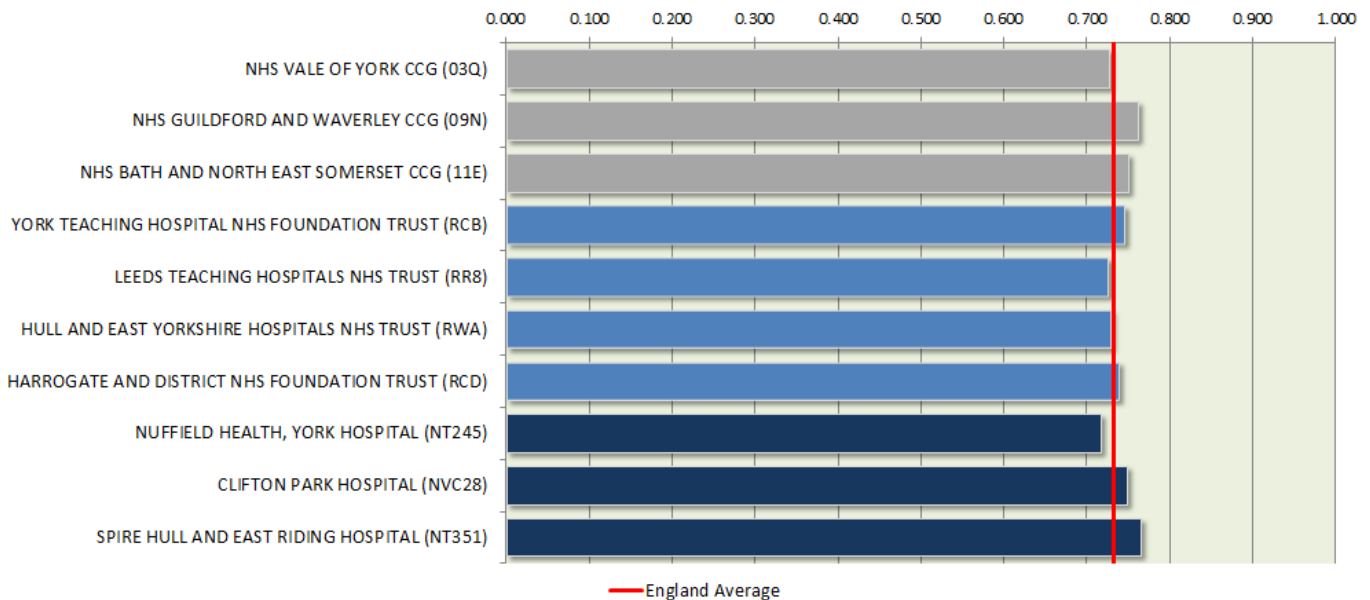

PROMS Analysis for Knee Replacement Primary, EQ VAS in 2013-14. (Score Range: 0 to 100)

Knee replacement PROMS

Knee replacement patient outcomes using EQ-5D measure

Through using this measure patients who underwent procedures at all local providers reported 'improvement' outcomes at the same level of higher than the national average figure (81%). Patients who had procedures at Clifton Park Hospital reported the highest levels of 'improvement' (87%) compared to the national average.

Patients who had procedures at York teaching Hospital and Harrogate & District reported outcomes higher than the national average in 2013/14. The outcomes from patients at Nuffield for 2013/14 were reported to be lower than the national average.

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Examples of the PROMS questionnaires used:

Oxford Knee Score

NEW OXFORD KNEE SCORE QUESTIONNAIRE

Please answer the following 12 questions. Choose only one answer per question. The value for each answer is indicated to the right of the answer. Total up all of your answers to obtain a total score out of 48 points. Please only consider how you have been getting on during the past four weeks

Name:	
Date:	
Left or right Knee?	

1. How would you describe the pain you have usually from your knee?
Score

None – **4**
Very mild – **3**
Mild – **2**
Mild moderate – **1**
Severe – **0**

2. Have you had any trouble with washing and drying yourself all over because of your knee?

No trouble at all – **4**
Very little trouble – **3**
Moderate trouble – **2**
Extreme difficulty – **1**
Impossible to do – **0**

3. Have you had any trouble getting in and out of a car or using public transport because of your knee?
No trouble at all – **4**
Very little trouble – **3**
Moderate trouble – **2**
Extreme difficulty – **1**
Impossible to do – **0**

8. Have you been able to do your own household shopping on your own?
Score
Yes, easily – **4**
With little difficulty – **3**
With moderate difficulty – **2**
With extreme difficulty – **1**
No, impossible – **0**

9. For how long have you been able to walk before the pain from your knee became severe (with or without a stick)?
No pain, even after more than 30 minutes – **4**
16-30 minutes – **3**
5-15 minutes – **2**
Around the house only – **1**
Unable to walk at all – **0**

10. Have you been able to walk down a flight of stairs
Yes, easily – **4**
With little difficulty – **3**
With moderate difficulty – **2**
With extreme difficulty – **1**
No, impossible – **0**

4. If you were to kneel down could you stand up afterwards?

Yes, easily – **4**
With little difficulty – **3**
With moderate difficulty – **2**
With extreme difficulty – **1**
No, impossible – **0**

5. Have you been limping when walking because of your knee?

Rarely/never – **4**
Sometimes or just at first – **3**
Often, not just at first – **2**
Most of the time – **1**
All of the time – **0**

6. Have you felt that your knee might suddenly give way or let you down?

Rarely/never – **4**
Sometimes or just at first – **3**
Often, not just at first – **2**
Most of the time – **1**
All of the time – **0**

11. After a meal (sat at a table) how painful has it been for you to stand up from a chair because of your knee?

Not at all painful – **4**
Slightly painful – **3**
Moderately painful – **2**
Very painful – **1**
Unbearable – **0**

12. How much pain from your knee interfered with your usual work (including housework)?

Not at all – **4**
A little bit – **3**
Moderately – **2**
Greatly – **1**
Totally – **0**

13. Have you been troubled by pain from your knee in bed at night?

No nights – **4**
Only 1 or 2 nights – **3**
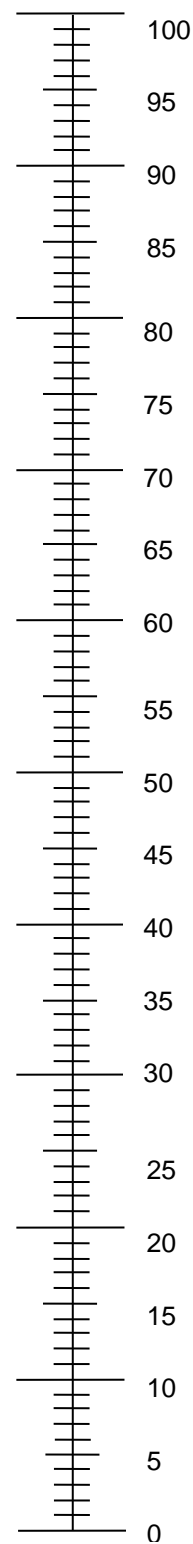Some nights – **2**
Most nights – **1**
Every night – **0**

Total Score: /48

EQ-VAS measure

How good is your health TODAY?

The best health you can imagine

- We would like to know how good or bad your health is today.
- This line is numbered from 0 to 100.
- 100 means the <u>best</u> health you can imagine. 0 means the <u>worst</u> health you can imagine.
- Please mark an X on the line that shows how good or bad your health is TODAY.

```
100
 95
 90
 85
 80
 75
 70
 65
 60
 55
 50
 45
 40
 35
 30
 25
 20
 15
 10
  5
  0
```

The worst health you can imagine

Knee replacement PROMS
EQ-5D-Y

Describing your health TODAY

Under each heading, please tick the ONE box that best describes your health TODAY

Mobility *(walking about)*	
I have <u>no</u> problems walking about	☐
I have <u>some</u> problems walking about	☐
I have <u>a lot</u> of problems walking about	☐

Looking after myself	
I have <u>no</u> problems washing or dressing myself	☐
I have <u>some</u> problems washing or dressing myself	☐
I have <u>a lot</u> of problems washing or dressing myself	☐

Doing usual activities *(for example, going to school, hobbies, sports, playing, doing things with family or friends)*	
I have <u>no</u> problems doing my usual activities	☐
I have <u>some</u> problems doing my usual activities	☐
I have <u>a lot</u> of problems doing my usual activities	☐

Having pain or discomfort	
I have <u>no</u> pain or discomfort	☐
I have <u>some</u> pain or discomfort	☐
I have <u>a lot</u> of pain or discomfort	☐

Feeling worried, sad or unhappy	
I am <u>not</u> worried, sad or unhappy	☐
I am <u>a bit</u> worried, sad or unhappy	☐
I am <u>very</u> worried, sad or unhappy	☐