


Sean O'Leary
National Joint Registry outcomes
for Unicompartamental and Total Knee Replacements
(for period to March 2019)

I have extracted the data concerning hip replacement (which I have not undertaken for 10 years) and annotated the knee outcome pages to explain the data presented.

The full report of my data is also available to read on the website if so desired.



National Joint Registry
www.njrcentre.org.uk
Working for patients, driving forward quality

Consultant Level Report for:

Sean Thomas O'Leary
GMC Number: 3328004
NJR Number: 1248

For the Period to 31 March 2019

Contents

Organisation Summary

Data Quality

Hips

Knees

Appendix 1: SRR Funnel Plots (as Consultant in Charge) - Hips

Appendix 1: SRR Funnel Plots (as Consultant in Charge) - Knees

Appendix 2: SRR Funnel Plots (as Lead Surgeon) - Hips

Appendix 2: SRR Funnel Plots (as Lead Surgeon) - Knees

Appendix 3: 90 day SMR - Knees

This report has been produced by the National Joint Registry for England, Wales, Northern Ireland and the Isle of Man. It represents all activity recorded in the NJR, in the name of the selected surgeon (as Consultant in Charge), up to the specified period.

This report is made available to the named surgeon for personal review, to share with colleagues, and to be used in consultant re-validation. The named surgeon in this report is free to share this report as they choose.

Constraints

This report reflects data reported in the NJR. Missing data and issues with the quality of data recorded within the NJR may impact the results shown. You should consider the following in assessing the data quality of the report:

- Consent – an assessment of the proportion of patients at your trust who provide consent for their details to be recorded within the NJR. Without consent, it is not possible to link primary and revision procedures in the calculation of revision rates.
- NJR Compliance – The percentage of all total joint procedures for your trust that have been entered into the NJR within any given period compared with the number of procedures submitted to HES and/or PEDW.

Changes to previous reports

In previous reports, the analyses and reports have been based on all the data held by the NJR, i.e. 'life of registry' data. For both this, and future reports, the analysis will use only the latest ten years' data held by the NJR. This may result in noticeable movement in individual surgeon plots from those displayed on previous funnel plots. For a full explanation of why it has been decided to move from an analysis based on 'life of registry' data to that based on the latest ten years' of data, please visit the NJR website, the details of which are included below.

Further Information

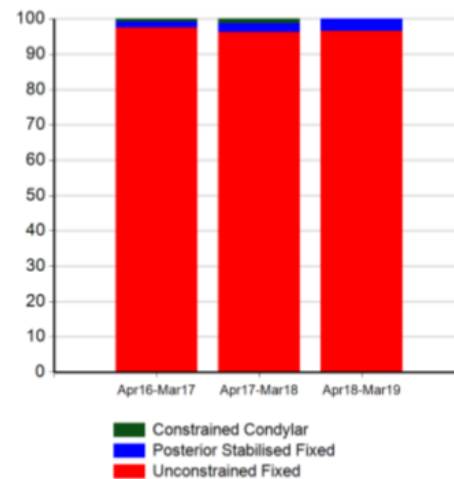
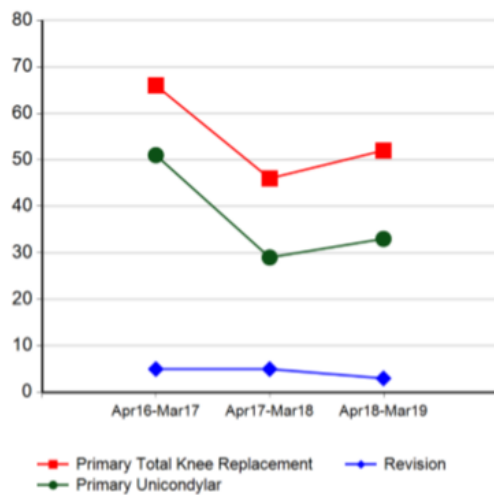
Further analysis of this data is possible through the NJR Clinician Feedback System, www.njrclinicianfeedback.org.uk

For further information please visit the NJR website at www.njrcentre.org.uk or contact the NJR Service Desk on 0845 345 5991 or health_servicedesk@northgateps.com.

Confidential
©2019 Northgate Public Services Limited

Knees**Knees – Recorded Activity**

In this Section : Volume, procedure type undertaken by the surgeon over a 36 month period, showing year on year trend.



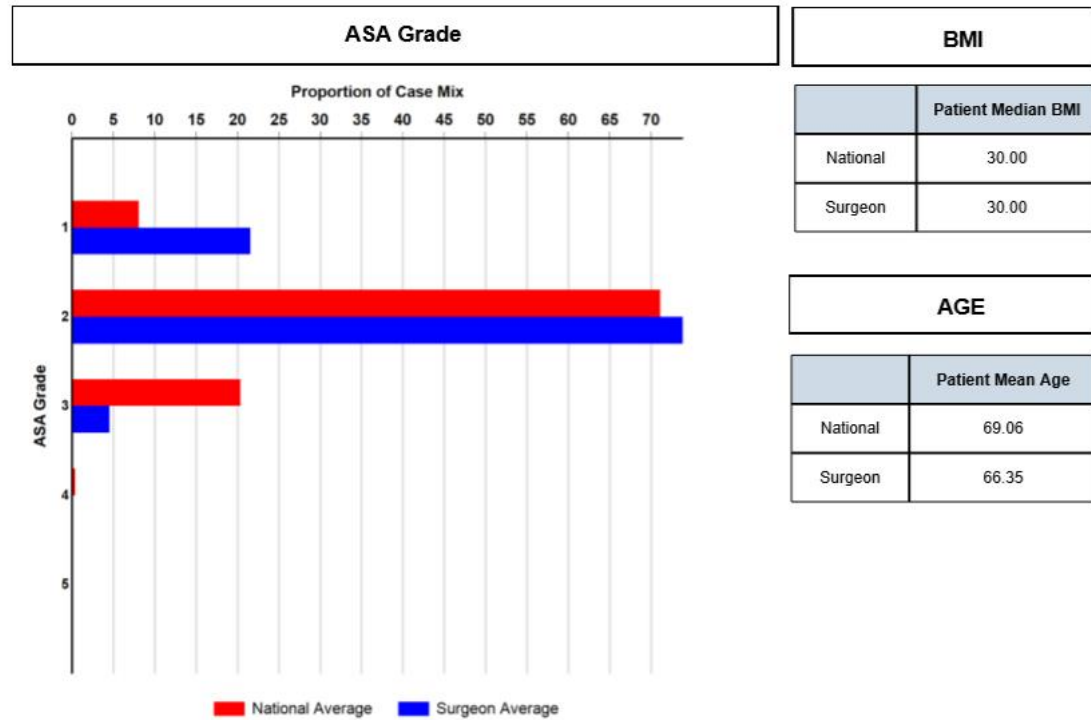
Procedure Type	Apr16-Mar17	Apr17-Mar18	Apr18-Mar19
Primary Total Knee Replacement	66	46	52
Primary Unicondylar	51	29	33
Revision	5	5	3
Total	122	80	88

Knee Constraint	Apr16-Mar17	Apr17-Mar18	Apr18-Mar19
Constrained Condylar	1	1	0
Posterior Stabilised Fixed	2	2	3
Unconstrained Fixed	116	76	85
Total	119	79	88

This shows the numbers of knee replacements – unicompartmental, total and revision - that I have done over the last 3 years.

Knees – Patient Profile

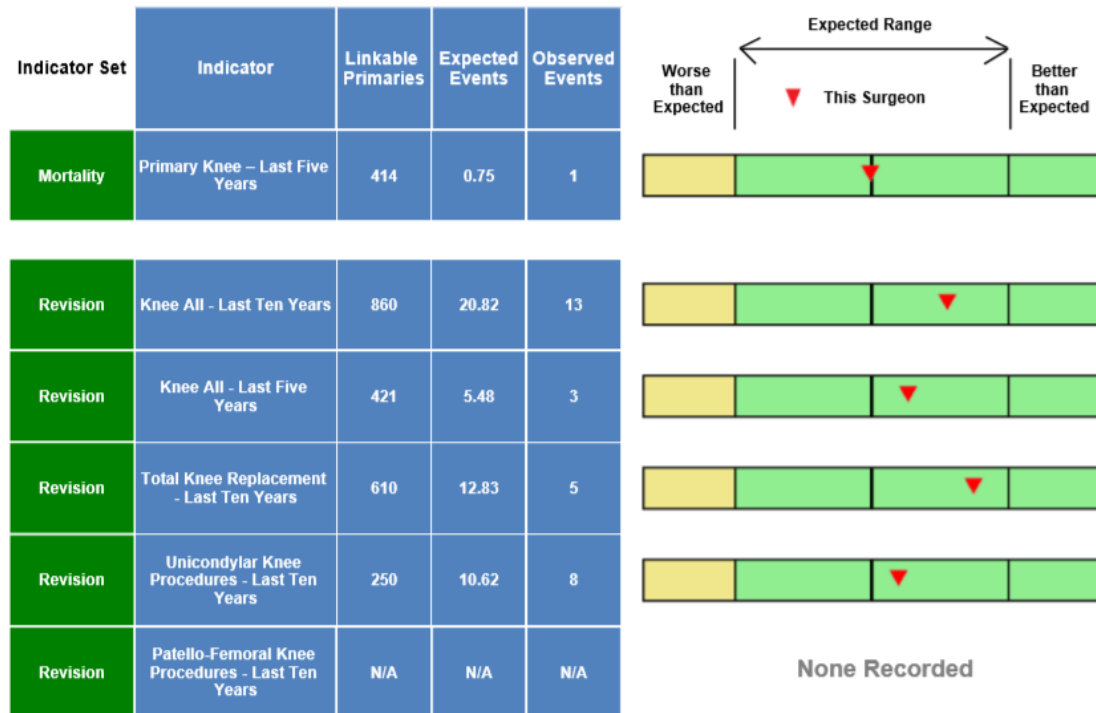
In this Section : The profile of knee patients operated on in the name of the surgeon (as Consultant in Charge) over the 12 month period 1 Apr 2018 – 31 Mar 2019.



These tables demonstrate that the size and age of patient is very similar to the national average.

Knees**Outcomes following Primary Knee Surgery**

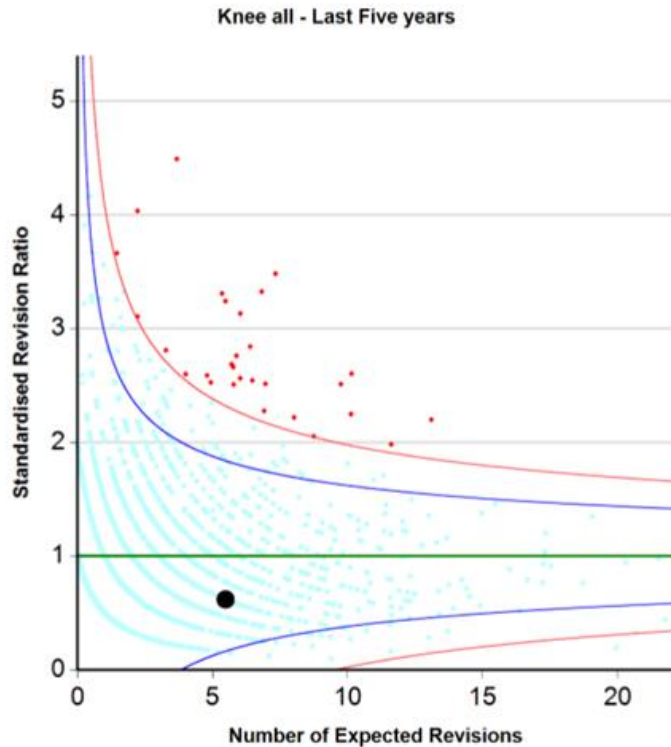
In this Section : Quality and outcome measures for patients receiving primary knee replacement surgery by this surgeon based on an analysis of the most recent ten years' of data. This is a change to previous reports where the analysis has been based on all data held by the NJR, i.e. 'life of registry'. The SRR and SMR data are also available as funnel plots: see Appendices 1, 2 and 3.



This data shows that my revision rate (redo surgery) is better than the national average for both unicompartmental and total knee replacement over both the last 5 and 10 years of collected data.

Appendix 1 : SRR Funnel Plots (as Consultant in Charge) - Knees

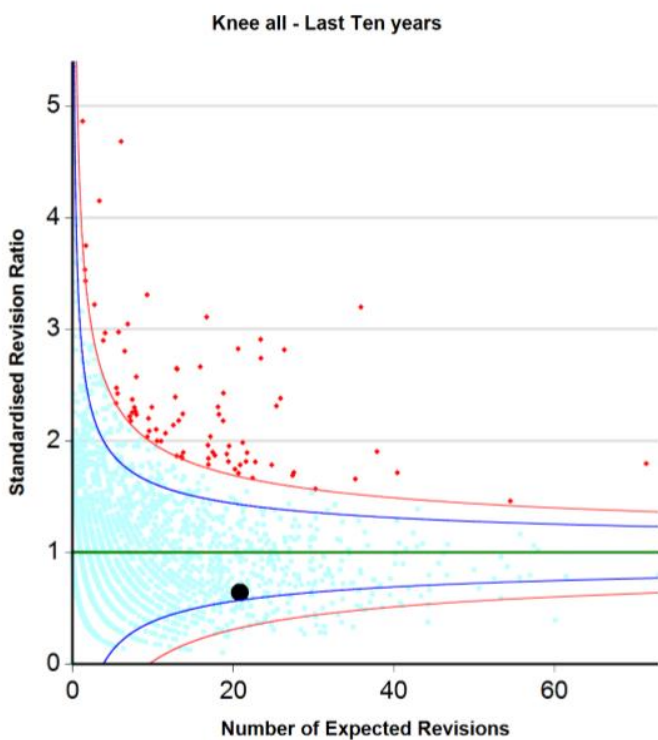
Standardised Revision Ratio Funnel Plot Representation: This section illustrates your Standardised Revision Ratio in the form of a funnel plot, based on the most recent ten years' of data. This is an alternative method of displaying the values shown within the main report for this indicator, and includes plots for all other surgeons.



This is the expected number of revision procedures for all knee replacements over the last 5 years

● = Sean O'Leary

This is the average expected revision rate. Below the line represents 'fewer revisions than expected'



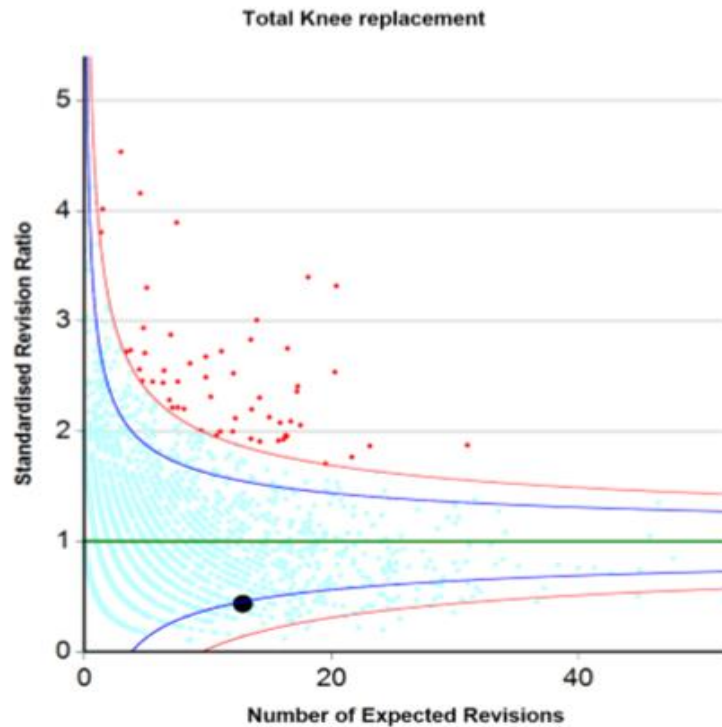
This is the expected number of revision procedures for all knee replacements over the last 10 years

● = Sean O'Leary

This is the average expected revision rate. Below the line represents 'fewer revisions than expected'

Appendix 1 : SRR Funnel Plots (as Consultant in Charge) - Knees

Standardised Revision Ratio Funnel Plot Representation: This section illustrates your Standardised Revision Ratio in the form of a funnel plot, based on the most recent ten years' of data. This is an alternative method of displaying the values shown within the main report for this indicator, and includes plots for all other surgeons.

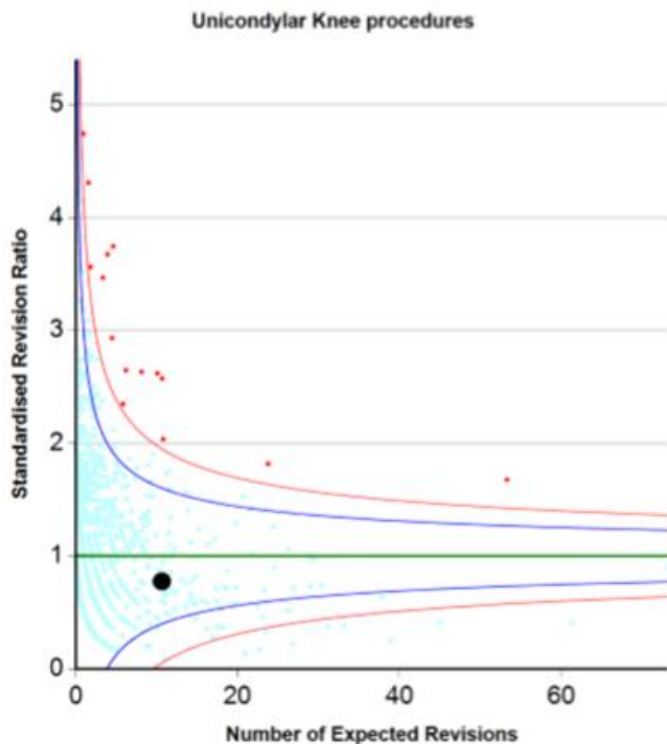


This is the expected number of revision procedures for all total knee replacements over the last 10 years

(v all UK surgeons)

● = Sean O'Leary

This is the average expected revision rate. Below the line represents 'fewer revisions than expected'



This is the expected number of revision procedures for all unicompartamental knee replacements over the last 10 years

(v all UK surgeons)

● = Sean O'Leary

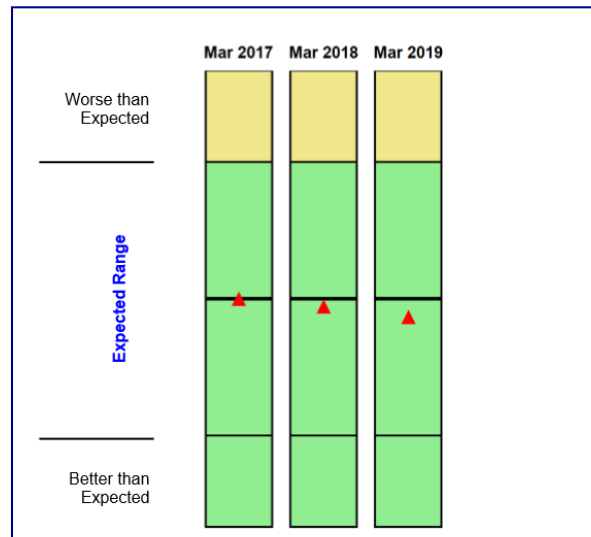
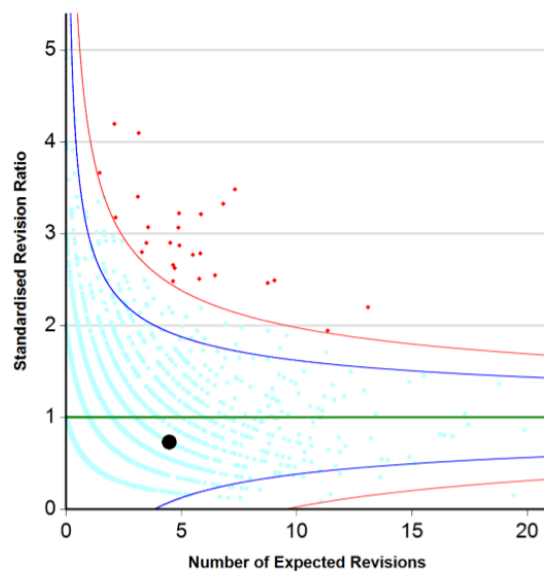
This is the average expected revision rate. Below the line represents 'fewer revisions than expected'

More data representing performance over the last 5 and 10 years for both unicompartmental and total knee replacements. On every plot it can be seen that Sean O'Leary has a better than expected revision (redo) rate compared to all other UK surgeons.

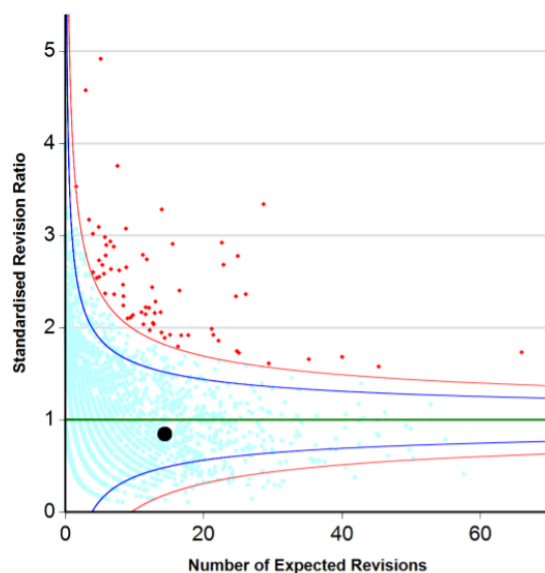
Appendix 2 : SRR Funnel Plots (as Lead Surgeon) - Knees

Standardised Revision Ratio Funnel Plot Representation: This section illustrates your Standardised Revision Ratio in the form of a funnel plot, based on the most recent ten years' of data. This is an alternative method of displaying the values shown within the main report for this indicator, and includes plots for all other surgeons.

Knee all - Last Five years (from 343 linkable primary procedures)



Knee all - Last Ten years (from 612 linkable primary procedures)

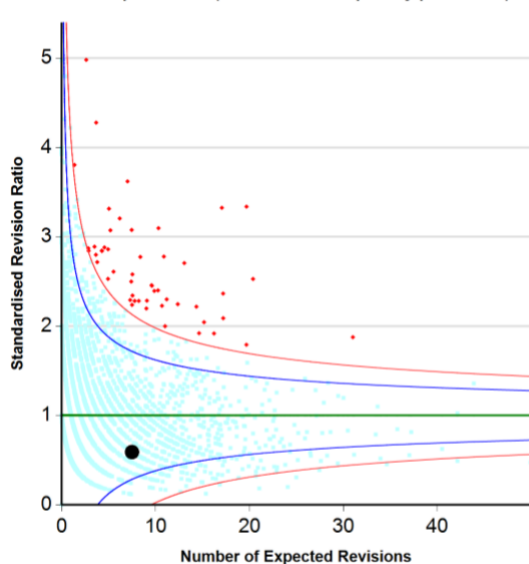


● Data
 — Upper 99.8%
 — Upper 95%
 — Lower 95%
 — Lower 99.8%
 ♦ Outlier
 ● Mar 2019

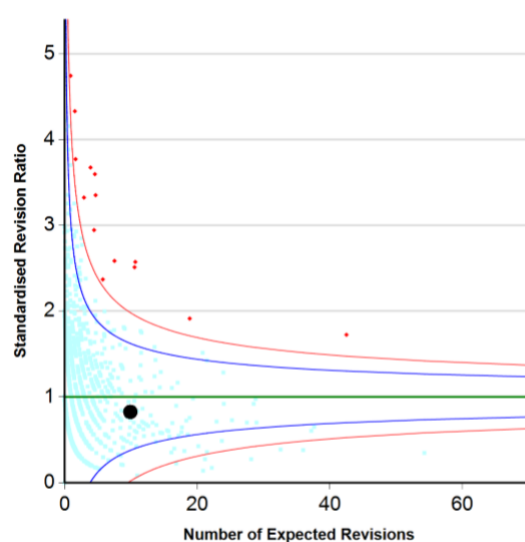
Appendix 2 : SRR Funnel Plots (as Lead Surgeon) - Knees

Standardised Revision Ratio Funnel Plot Representation: This section illustrates your Standardised Revision Ratio in the form of a funnel plot, based on the most recent ten years' of data. This is an alternative method of displaying the values shown within the main report for this indicator, and includes plots for all other surgeons.

Total Knee replacements (from 380 linkable primary procedures)



Unicondylar Knee procedures (from 232 linkable primary procedures)



SMR = Standardised Mortality Ratio.

This refers to the mortality rate within 90 days of surgery, which is very similar to the National average.

Appendix 3 : 90 day SMR - Knees

Standardised Mortality Ratio Funnel Plot Representation: This section illustrates your Standardised Mortality Ratio (SMR) in the form of a funnel plot, based on the most recent five years' of data. It shows the SMR for mortality events occurring within 90 days of the primary procedure. This is an alternative method of displaying the values shown within the main report for this indicator and includes plots for all other surgeons.

