

Bespoke Report for:

MicroPort Orthopedics

Profemur Xm Stem (with Xm centralizer)

Produced on: 01 October 2019

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Introduction

This report summarises the outcome of the MicroPort Profemur Xm cemented stem in total hip replacement in patients registered in the National Joint Registry. It consists of two parts:

Part 1

The first part summarises the summarises usage and survival associated with the Profemur Xm cemented stem with the Profemur Xm distal centralizer, based upon all data recorded in the NJR for this product combination up to 8 July 2019. None of these were used with a metal-on-metal bearing. The report includes Kaplan Meier survival analysis and Cox Regression analysis, comparing the product with all other cemented hip stems in the NJR, excluding metal on metal. The Cox Regression includes calculation of a Hazard Ratio adjusted for age, gender, year cohort and indications.

Part 2

The second part summarises the outcomes of an additional Patient Reported Outcome Measures (PROMs) study requested by MicroPort Orthopedics on the Profemur Xm stem, using Oxford Hip scores, EQ-5D-5L scores, and EQ-VAS scores at a range of time intervals following surgery.

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PART 1: All-NJR Survival Analysis

Bespoke Report for:

Profemur Xm Stem (with Xm centralizer)

Comprising PRIMARY hips implanted up to:
NJR Database extract:

08 July 2019
06 September 2019

This report section summarises usage and outcomes associated with the Profemur Xm cemented stem, based on data collected by the NJR up to the specified date, for the following femoral stem components used in primary hip arthroplasty, in combination with the Profemur Xm distal centralizer (Cat. No. PRXMDC01) and any acetabular component:

Part Number	Description
PHA06000	PROFEMUR® XM Stem Size 0
PHA06002	PROFEMUR® XM Stem Size 1
PHA06004	PROFEMUR® XM Stem Size 2
PHA06006	PROFEMUR® XM Stem Size 3
PHA06008	PROFEMUR® XM Stem Size 4

Appendix A lists numbers of all Profemur Xm Stem components included in this part of the report.

NJR Recorded Usage

Implant Usage

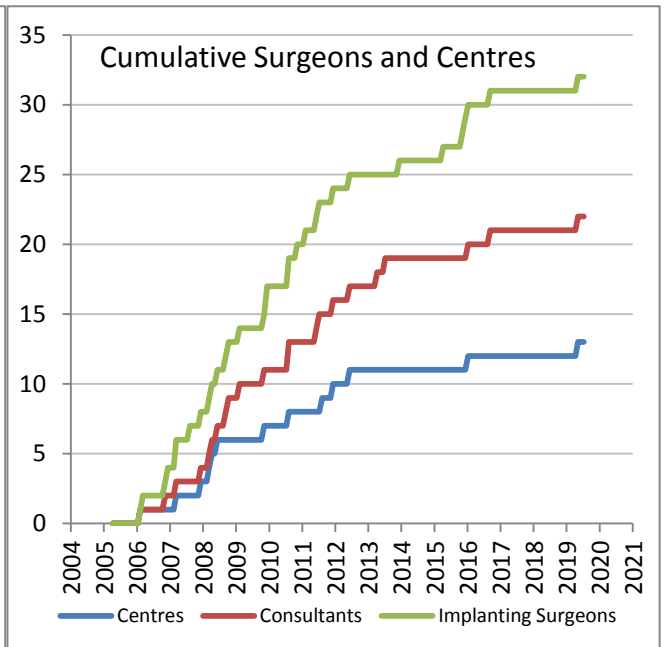
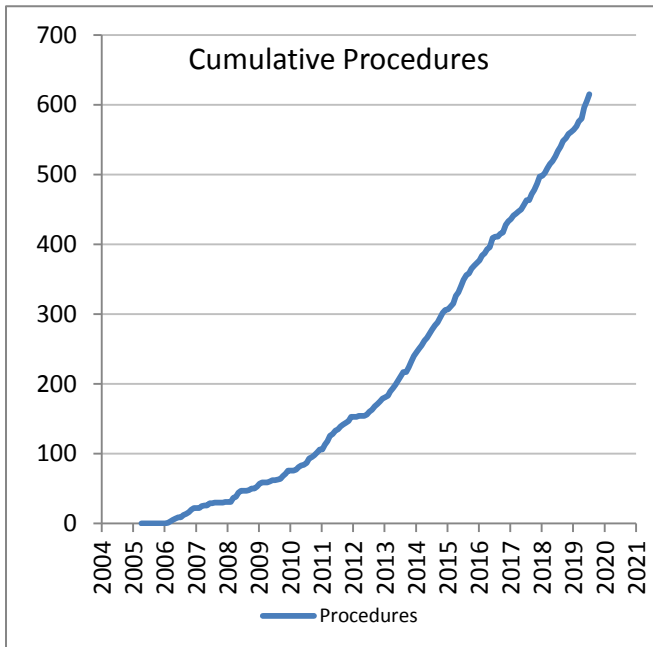
Date of first recorded usage in the NJR: **01 February 2006**

Date of last recorded usage in this dataset: **05 July 2019**

Maximum implantation time: 13.4 years

Mean implantation time: 4.5 years

Totals Recorded in NJR	Cumulative Total
Procedures	615
Patients	567
Centres	13
Consultants	22
Implanting Surgeons	32



Current Outcome	Year of implantation														Total	%
	Pre-2008	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019			
Death	7	9	5	10	10	5	9	12	8	1	0	1	0	77	12.5%	
Revised	1	0	1	1	2	0	1	0	0	0	1	0	0	7	1.1%	
Unrevised	23	16	14	19	35	23	53	51	62	55	64	65	51	531	86.3%	
Total	31	25	20	30	47	28	63	63	70	56	65	66	51	615	100%	

Patient / Procedure Details

Patient Details

	Profemur Xm Stem (with Xm centralizer)	All NJR Cemented Stems	All NJR hip replacement
Total Procedures	615	633,245	1,161,844
Total Patients	567	556,178	983,971
Demographics			
Mean age	69.1	71.9	68.6
< 50	6.5%	2.8%	6.0%
50 – 59	13.5%	8.0%	13.8%
60 – 69	26.0%	24.9%	29.1%
70 – 79	33.3%	41.3%	34.7%
≥ 80	20.7%	23.0%	16.6%
Median BMI	28	28	28
% BMI information available	85.9%	61.7%	61.3%
Underweight (BMI < 18.5)	1.9%	1.1%	0.9%
Normal (18.5 ≤ BMI < 25)	21.0%	22.2%	20.7%
Overweight (25 ≤ BMI < 30)	38.1%	39.7%	39.6%
Obese I (30 ≤ BMI < 35)	25.6%	25.0%	25.8%
Obese II (35 ≤ BMI < 40)	10.2%	9.0%	9.7%
Obese III (BMI ≥ 40)	3.2%	3.0%	3.3%
% Male	40.8%	35.1%	40.2%
ASA Grades			
P1 - Fit and healthy	9.3%	12.0%	15.9%
P2 - Mild disease not incapacitating	74.6%	68.0%	67.6%
P3 - Incapacitating systemic disease	16.1%	19.3%	15.9%
P4 / P5	0.0%	0.7%	0.6%
Indications			
Osteoarthritis	93.66%	90.33%	91.56%
Rheumatoid Arthritis	0.65%	1.45%	1.32%
Avascular Necrosis	3.41%	2.50%	2.50%
Fractured Neck of Femur	0.49%	4.76%	3.38%
CDH/DDH	0.81%	1.11%	1.56%
Other	1.30%	2.25%	2.12%

Total of indications may exceed total number of implants, since more than one indication can be listed per case.

Revision and Survivorship

Reasons for Revision

Reason for Revision	Revised [†]	Expected Revisions [*]	p value
Unexplained Pain	1	0.72	0.512
Dislocation / Subluxation	2	2.57	1
Adverse Soft Tissue Reaction	0	0.15	1
Infection	0	2.40	0.186
Aseptic Loosening - Stem	1	0.88	0.584
Aseptic Loosening - Socket	3	1.46	0.181
Periprosthetic Fracture Stem	1	1.84	1
Periprosthetic Fracture Socket	0	0.15	1
Malalignment Stem	0	0.23	1
Malalignment Socket	0	0.46	1
Wear Of Acetabular Component	0	0.35	1
Lysis Stem	0	0.24	1
Lysis Socket	0	0.28	1
Implant Fracture Stem	0	0.17	1
Implant Fracture Socket	0	0.07	1
Implant Fracture Head	0	0.08	1
Dissociation of Liner	0	0.11	1
Other / Not recorded	0	0.34	1
Total Revised	6	10.00	0.265

† multiple reasons may be listed for one revision procedure

* Based on All NJR Cemented Stems , adjusted for agegroup, gender, indications, and implantation year

Significantly better, $p < 0.001$

Significantly better, $p < 0.05$

Significantly worse $p < 0.05$

Significantly worse $p < 0.001$

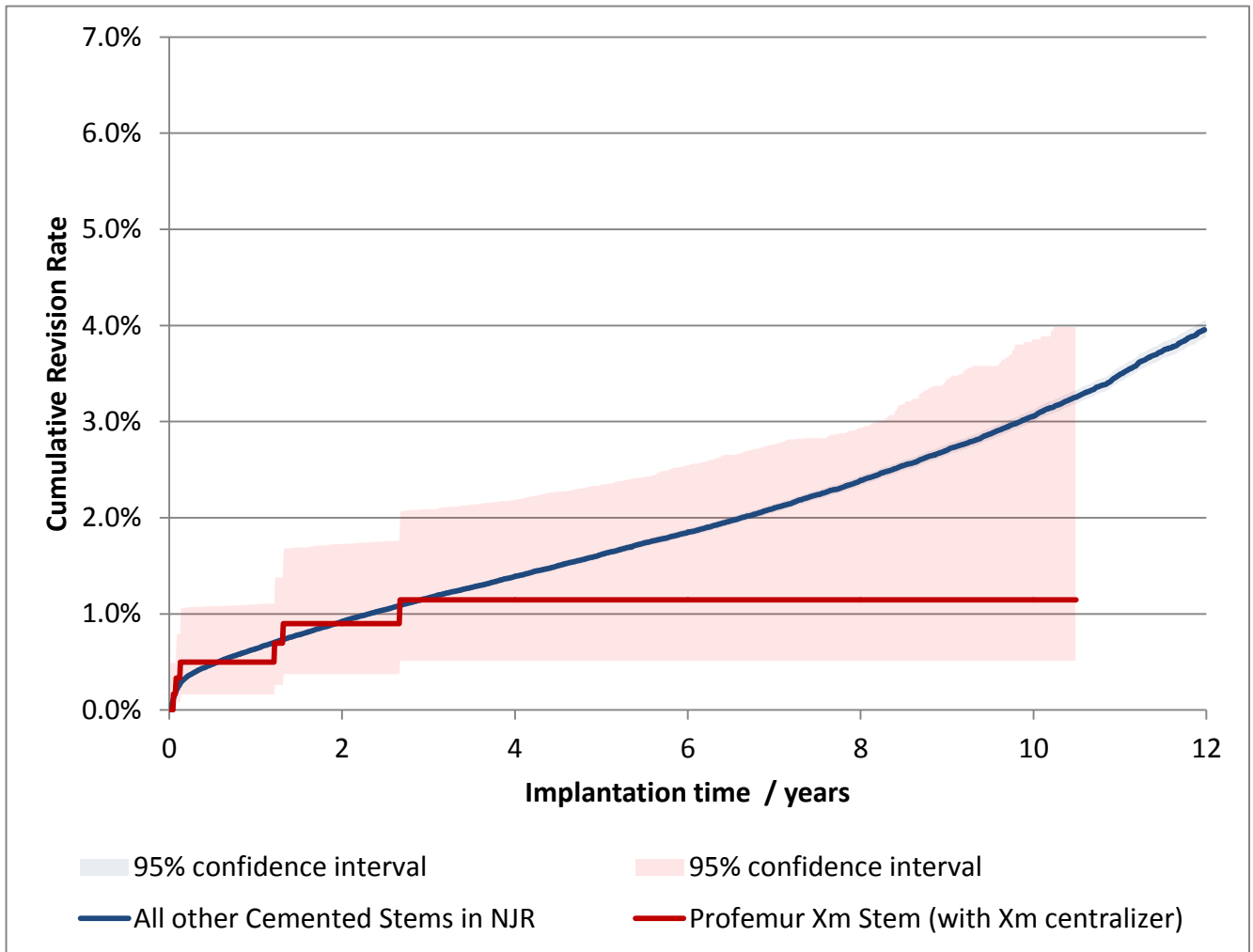


Components Revised	Number of procedures	Profemur Xm Stem (with Xm centralizer)	All other Cemented Stems in NJR
Femoral only	1	17%	21%
Acetabular only	2	33%	24%
Both femoral and acetabular	2	33%	46%
Neither femoral nor acetabular revision recorded *	1	17%	9%

Revision and Survivorship

Cumulative Revision Rate

Endpoint: All reasons for revision.



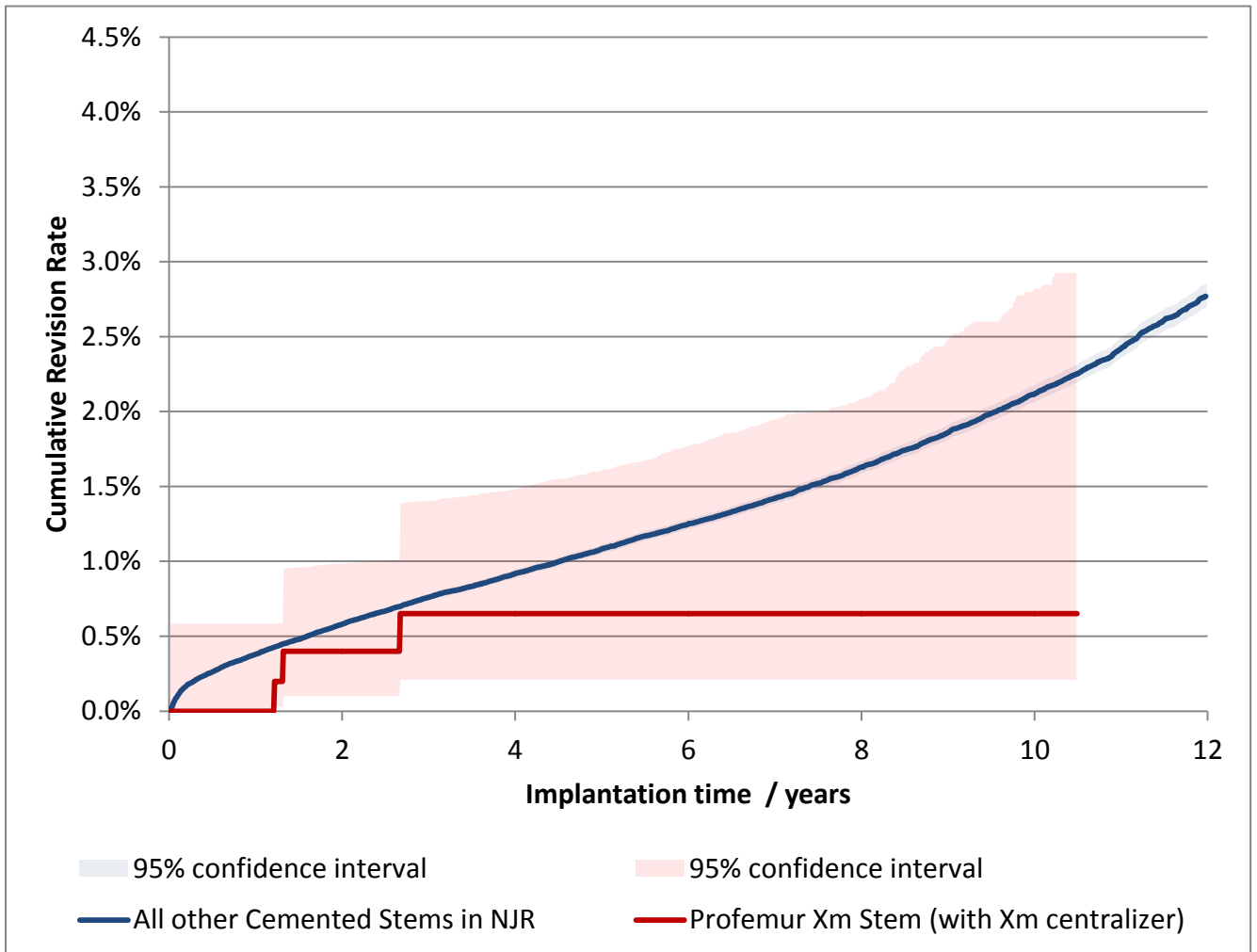
Cox Proportional Hazards model for revision risk ratio of Profemur Xm Stem (with Xm centralizer) / All other Cemented Stems in NJR (excluding MoM), with endpoint as any revision.

Adjustment	Hazard Ratio (95% CI)	p-value
Unadjusted.	0.63 (0.28 - 1.41)	0.260
Adjusted for age, gender, year cohort and indications.	0.60 (0.27 - 1.34)	0.210

Revision and Survivorship

Cumulative Revision Rate

Endpoint: Femoral Revision



Cox Proportional Hazards model for revision risk ratio of Profemur Xm Stem (with Xm centralizer) / All other Cemented Stems in NJR (excluding MoM), with endpoint as Femoral revision.

Adjustment	Hazard Ratio (95% CI)	p-value
Unadjusted	0.48 (0.15 - 1.47)	0.198
Adjusted for age, gender, year cohort and indications.	0.45 (0.15 - 1.40)	0.170

Revision and Survivorship

Cumulative Revision Rate

Period /years	Endpoint: All Revisions				Endpoint: Femoral Revisions			
	At Risk	Profemur Xm Stem (with Xm centralizer)	All NJR Cemented Stems	All THR	At Risk	Profemur Xm Stem (with Xm centralizer)	All NJR Cemented Stems	All THR
0	613	-	-	-	613	-	-	-
1	521	0.5% (0.2% - 1.1%)	0.6% (0.6% - 0.7%)	0.8% (0.8% - 0.8%)	521	0.0% (0.0% - 0.7%)	0.4% (0.4% - 0.4%)	0.5% (0.5% - 0.5%)
2	440	0.9% (0.4% - 1.7%)	0.9% (0.9% - 0.9%)	1.1% (1.1% - 1.1%)	440	0.4% (0.1% - 1.0%)	0.6% (0.6% - 0.6%)	0.7% (0.7% - 0.7%)
3	378	1.1% (0.5% - 2.1%)	1.2% (1.1% - 1.2%)	1.4% (1.4% - 1.4%)	378	0.7% (0.2% - 1.4%)	0.8% (0.7% - 0.8%)	0.9% (0.9% - 0.9%)
4	310	1.1% (0.5% - 2.2%)	1.4% (1.4% - 1.4%)	1.6% (1.6% - 1.6%)	310	0.7% (0.2% - 1.5%)	0.9% (0.9% - 0.9%)	1.0% (1.0% - 1.1%)
5	232	1.1% (0.5% - 2.3%)	1.6% (1.6% - 1.7%)	1.9% (1.8% - 1.9%)	232	0.7% (0.2% - 1.6%)	1.1% (1.1% - 1.1%)	1.2% (1.2% - 1.2%)
6	169	1.1% (0.5% - 2.5%)	1.8% (1.8% - 1.9%)	2.1% (2.1% - 2.1%)	169	0.7% (0.2% - 1.8%)	1.2% (1.2% - 1.3%)	1.4% (1.4% - 1.4%)
7	126	1.1% (0.5% - 2.8%)	2.1% (2.1% - 2.1%)	2.4% (2.3% - 2.4%)	126	0.7% (0.2% - 1.9%)	1.4% (1.4% - 1.5%)	1.6% (1.5% - 1.6%)
8	103	1.1% (0.5% - 2.9%)	2.4% (2.3% - 2.4%)	2.7% (2.6% - 2.7%)	103	0.7% (0.2% - 2.1%)	1.6% (1.6% - 1.7%)	1.8% (1.7% - 1.8%)
9	62	1.1% (0.5% - 3.4%)	2.7% (2.6% - 2.8%)	3.0% (3.0% - 3.0%)	62	0.7% (0.2% - 2.5%)	1.9% (1.8% - 1.9%)	2.0% (1.9% - 2.0%)
10	44	1.1% (0.5% - 3.9%)	3.1% (3.0% - 3.1%)	3.4% (3.3% - 3.4%)	44	0.7% (0.2% - 2.8%)	2.1% (2.1% - 2.2%)	2.2% (2.2% - 2.3%)
11		(-)	3.5% (3.4% - 3.6%)	3.8% (3.7% - 3.9%)		(-)	2.4% (2.4% - 2.5%)	2.5% (2.5% - 2.6%)
12		(-)	4.0% (3.9% - 4.1%)	4.3% (4.2% - 4.3%)		(-)	2.8% (2.7% - 2.9%)	2.9% (2.8% - 2.9%)
13		(-)	4.4% (4.3% - 4.5%)	4.7% (4.6% - 4.8%)		(-)	3.1% (3.0% - 3.2%)	3.2% (3.1% - 3.2%)
14		(-)	4.9% (4.7% - 5.0%)	5.2% (5.1% - 5.3%)		(-)	3.4% (3.3% - 3.5%)	3.5% (3.4% - 3.6%)
15		(-)	5.5% (5.3% - 5.7%)	5.8% (5.7% - 6.0%)		(-)	3.8% (3.7% - 4.0%)	3.9% (3.7% - 4.0%)

Cumulative revision rate with 95% confidence intervals

Rate is only reported for times where more than 40 remain at risk

PART 2: PROMs Analysis

Bespoke Report for:

MicroPort Orthopedics

Profemur Xm Stem (with Xm centralizer)

Questionnaires and Responses

PROMs questionnaires were mailed out to patients implanted with a Profemur Xm cemented stem. These consisted of Oxford Hip Score and EQ-5D-5L questionnaires. The forms sent to patients are attached as Appendix B. Patients were randomly selected from those with NJR consent and tracing information, and who were known to be alive with the index procedure unrevised.

Oxford Hip Scores were calculated by adding the scores from the 12 questions and subtracting the total from 60. This gives a score range of 0 to 48, where 0 is worst and 48 is best.

EQ-5D scores were calculated using the value set for the England. This gives a range -0.285 to 1.00, where 1 corresponds to 'Best imaginable health state' and -0.285 corresponds to 'Worst imaginable health state'. Negative numbers correspond to a self-assessed health state worse than being dead.

For the purpose of analysis, results were grouped by time from the index procedure to completion of the PROMs forms, as follows:

- o Early (<5yrs post op)
- o Midterm (≥5yrs – <8yrs Post Op)
- o Long-term (≥8yrs Post Op)

Procedures were also grouped according to whether the stem was used with a Microport acetabular cup or a cup from another manufacturer.

Responses received	304
Completed Oxford Hip Scores	260
Completed EQ-5D Scores	273
Completed EQ-VAS	278
At least one score complete	285

Stem Catalogue Number	Microport acetabular cup	Other Acetabular cup	All
PHA06000	102	7	109
PHA06002	68	7	75
PHA06004	67	4	71
PHA06006	24	2	26
PHA06008	4	0	4
Total	265	20	285

PROMs responses also were compared with the corresponding measures for primary hips taken from the NHS PROMs programme.

Oxford Hip Score

All acetabular cups			Time post-operation (years)			Oxford Hip Score			
Group	Responses	Complete Scores	Mean	Min	Max	Mean Score	Std. Dev. Score	Lower 95% CI	Upper 95% CI
All Profemur Xm	285	260	4.6	0.3	13.5	38.9	10.2	37.7	40.2
Early (< 5 yrs)	168	151	2.3	0.3	5.0	38.8	10.5	37.2	40.4
Midterm (5 - 8 yrs)	75	68	6.3	5.0	7.8	38.7	9.6	36.2	41.1
Long-term (> 8 yrs)	42	41	10.2	8.0	13.5	39.9	10.5	36.8	43.0
All NJR primary hips		296919	0.6	0.4	1.2	39.3	8.8	39.3	39.4

Microport acetabular cups only			Time post-operation (years)			Oxford Hip Score			
Group	Responses	Complete Scores	Mean	Min	Max	Mean Score	Std. Dev. Score	Lower 95% CI	Upper 95% CI
All Profemur Xm	265	242	4.2	0.3	11.5	38.9	10.2	37.6	40.1
Early	165	149	2.3	0.3	5.0	38.9	10.4	37.3	40.6
Midterm	74	67	6.3	5.0	7.8	38.5	9.6	36.1	41.0
Long-term	26	26	9.1	8.1	11.5	39.2	10.5	35.2	43.1
All NJR primary hips		296919	0.6	0.4	1.2	39.3	8.8	39.3	39.4

Non-Microport acetabular cups			Time post-operation (years)			Oxford Hip Score			
Group	Responses	Complete Scores	Mean	Min	Max	Mean Score	Std. Dev. Score	Lower 95% CI	Upper 95% CI
All Profemur Xm	20	18	10.8	3.0	13.5	40.1	11.1	35.4	44.8
Early	3	2	3.9	3.0	4.7	28.5	-	-	-
Midterm	1	1	5.1	5.1	5.1	47.0	-	-	-
Long-term	16	15	12.2	8.0	13.5	41.2	10.6	36.0	46.4
All NJR primary hips		296919	0.6	0.4	1.2	39.3	8.8	39.3	39.4

Oxford Hip scores lie in the range of 0 to 48, where 0 is worst and 48 is best.

The maximum and minimum post-operative times for the "All NJR PROMs" scores were taken as the 0.5% and 99.5% quantiles, to eliminate data-entry outliers.

EQ-5D Score

All acetabular cups			Time post-operation (years)			EQ-5D Score			
Group	Responses	Complete Scores	Mean	Min	Max	Mean Score	Std. Dev. Score	Lower 95% CI	Upper 95% CI
All Profemur Xm	285	273	4.6	0.3	13.5	0.82	0.23	0.79	0.85
Early (< 5 yrs)	168	158	2.3	0.3	5.0	0.83	0.24	0.79	0.87
Midterm (5 - 8 yrs)	75	74	6.3	5.0	7.8	0.82	0.18	0.77	0.88
Long-term (> 8 yrs)	42	41	10.3	8.0	13.5	0.77	0.29	0.70	0.84
All NJR primary hips*		285246	0.6	0.4	1.2	0.79	0.24	0.79	0.79

Microport acetabular cups only			Time post-operation (years)			EQ-5D Score			
Group	Responses	Complete Scores	Mean	Min	Max	Mean Score	Std. Dev. Score	Lower 95% CI	Upper 95% CI
All Profemur Xm	265	254	4.1	0.3	11.5	0.82	0.23	0.79	0.84
Early	165	155	2.3	0.3	5.0	0.83	0.24	0.79	0.87
Midterm	74	73	6.3	5.0	7.8	0.82	0.18	0.77	0.87
Long-term	26	26	9.1	8.1	11.5	0.72	0.31	0.63	0.81
All NJR primary hips*		285246	0.6	0.4	1.2	0.79	0.24	0.79	0.79

Non-Microport acetabular cups			Time post-operation (years)			EQ-5D Score			
Group	Responses	Complete Scores	Mean	Min	Max	Mean Score	Std. Dev. Score	Lower 95% CI	Upper 95% CI
All Profemur Xm	20	19	10.4	2.9	13.5	0.85	0.22	0.75	0.96
Early	3	3	3.5	2.9	4.7	0.82	-	-	-
Midterm	1	1	5.1	5.1	5.1	1.00	-	-	-
Long-term	16	15	12.2	8.0	13.5	0.85	0.23	0.73	0.96
All NJR primary hips*		285246	0.6	0.4	1.2	0.79	0.24	0.79	0.79

* NOTE: The All NJR primary hip EQ-5D scores are 3L scores. These have a range of - 0.59 to 1, and are not directly comparable to the 5L scores collected for the Profemur Xm. They are included for interest only.

EQ-5D-5L scores lie in the range -0.285 to 1.00, where 1 corresponds to 'Best imaginable health state' and -0.285 corresponds to 'Worst imaginable health state'.

The maximum and minimum post-operative times for the "All NJR PROMs" scores were taken as the 0.5% and 99.5% quantiles, to eliminate data-entry outliers.

EQ-VAS

All acetabular cups			Time post-operation (years)			EQ-VAS			
Group	Responses	Complete Scores	Mean	Min	Max	Mean Score	Std. Dev. Score	Lower 95% CI	Upper 95% CI
All Profemur Xm	285	278	4.5	0.3	13.2	76.8	19.6	74.5	79.1
Early (< 5 yrs)	168	165	2.4	0.3	5.0	77.9	18.9	75.0	80.9
Midterm (5 - 8 yrs)	75	73	6.2	5.0	7.8	74.7	20.1	70.2	79.2
Long-term (> 8 yrs)	42	40	10.2	8.0	13.2	76.0	21.5	69.9	82.0
All NJR primary hips		284323	0.6	0.4	1.2	76.7	18.1	76.6	76.8

Microport acetabular cups only			Time post-operation (years)			EQ-VAS			
Group	Responses	Complete Scores	Mean	Min	Max	Mean Score	Std. Dev. Score	Lower 95% CI	Upper 95% CI
All Profemur Xm	265	259	4.1	0.3	11.5	76.7	19.3	74.3	79.1
Early	165	162	2.4	0.3	5.0	78.1	18.8	75.0	81.1
Midterm	74	72	6.3	5.0	7.8	74.5	20.1	70.0	79.0
Long-term	26	25	9.1	8.1	11.5	74.3	20.0	66.6	82.0
All NJR primary hips		284323	0.6	0.4	1.2	76.7	18.1	76.6	76.8

Non-Microport acetabular cups			Time post-operation (years)			EQ-VAS			
Group	Responses	Complete Scores	Mean	Min	Max	Mean Score	Std. Dev. Score	Lower 95% CI	Upper 95% CI
All Profemur Xm	20	19	10.3	2.9	13.2	78.2	23.6	69.4	87.0
Early	3	3	3.5	2.9	4.7	71.7	-	-	-
Midterm	1	1	5.1	5.1	5.1	90.0	-	-	-
Long-term	16	15	12.0	8.0	13.2	78.7	24.3	68.8	88.6
All NJR primary hips		284323	0.6	0.4	1.2	76.7	18.1	76.6	76.8

EQ-VAS scores lie in the range of 0 to 100, where 0 is worst and 100 is best.

The maximum and minimum post-operative times for the "All NJR PROMs" scores were taken as the 0.5% and 99.5% quantiles, to eliminate data-entry outliers.

Disclaimer

Disclaimer

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Appendix A: Component List

Catalogue Number	Description	Number Implanted
PHA06000	PROFEMUR XM Stem Size 0	222
PHA06002	PROFEMUR XM Stem Size 1	146
PHA06004	PROFEMUR XM Stem Size 2	171
PHA06006	PROFEMUR XM Stem Size 3	59
PHA06008	PROFEMUR XM Stem Size 4	17

Appendix B

Questionnaires



Unique Ref No:

Patient Name

Address 1

Address 2

Address 3

Town

County

Postcode

Dear {Patient Name}

Questionnaire about “how you feel after your operation”

Some time ago, you had a hip replacement operation and we are interested to know how you have been doing after your surgery. We would be grateful if you could complete the questionnaire that is enclosed with this letter as that would enable the implant manufacturer to know about your feedback.

What is this questionnaire for?

The purpose of collecting information in this questionnaire is to find out about your experience after surgery. The information that you provide will help us understand the factors that influence how well people do after their operation.

Implant manufacturers are also required to monitor the performance of their implants. By collecting this type of data, they are able to improve the information that they have available to undertake that monitoring. We are sending this questionnaire to you at the request of Microport Orthopedics, Inc. who manufactured the implant that you have been fitted with. There is no need to be concerned by this request: the manufacturer simply wants to know more about your experience for a more complete understanding about how its implants are performing, and the manufacturer regards the patient’s assessment of the outcome of their hip replacement operation as essential information.

Do I have to take part?

Your help is greatly appreciated, but it is not compulsory. It is up to you to decide if you want or do not want to take part in this survey or if you do not want to answer some questions in this survey. Your decision not to take part in this survey or not to answer some of the questions in the survey will not have any negative impact on your further medical care or the relationship with your doctor.

What do I have to do?

If you decide to take part, please complete the questionnaire and return it in the envelope provided. No stamp is needed. The questionnaire should take around 10 minutes to complete.

If you do not wish to take part, please promptly return the blank questionnaire in the postage paid envelope. This will serve as a notice to us that you have elected not to participate. Otherwise an automatic reminder will be sent to you in 2 or 3 weeks time.

How is the data stored?

More details about how data will be processed and stored securely are available from the NJR Website at www.njrcentre.org.uk or from the NJR Helpline.

Can I change my mind after I have returned the questionnaire?

Yes, up to the point where the data is analysed and personal details removed. Withdrawing your information will not affect your medical or legal rights in any way. You can do so by contacting the NJR Helpline on: 0845 345 9991

How will my taking part be kept confidential?

Your personal details will be held confidentially in accordance with the Data Protection Act and the General Data Protection Regulation (GDPR). Your personal details will only be used for the purpose of helping Microport Orthopedics, Inc. gather information from patients about the outcomes of hip replacement surgery where its products have been used.

Whilst your responses to the questions will be passed to Microport Orthopedics Inc., your personal information (such as name, address, and contact details) will not be passed to them. They will not be able to contact you directly. Additionally, any published reports will not contain any personal details of any individual patient and will not disclose your identity. Your information will be kept confidential and protected from unauthorised access. The handling and storage of personal information will be undertaken to the very highest standards and more details about how data is processed and stored securely are available from the NJR Website at www.njrcentre.org.uk or from the NJR Helpline.

Contact for further information

If you would like more information about the questionnaire, or how to complete it, you can call the NJR Helpline on 0845 345 9991, and the survey team will do their best to help. The line is open between 9am and 5pm, Monday to Friday and there is an answer-phone at all other times where you can leave a message.

Thank you for your help.

Hip Surgery Questionnaire

After your operation

A number of years ago you had a Hip Replacement Operation. You may remember that you were asked to complete two follow up questionnaires: one about six months after the operation and the other about one year after your operation. We are still very interested to know how you have been doing after your surgery and would be grateful if you could now fill in this additional questionnaire and return it using the provided pre-paid envelope. Thank you for your help.

Prior to completing the questionnaire, please complete the following:

Today's Date

--	--

D D

--	--

M M

2	0		
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Y Y Y Y

On which side of your body is the affected hip **for which you are receiving treatment?**

Left

Right

Both

If you said 'Both' please complete the first questionnaire thinking about the right side. A second questionnaire, for the left side, will follow.

We are interested in the hip on which you had surgery.

Please mark the boxes below with a tick or numbers where appropriate. If you are unsure about how to answer a question, please give the best answer you can.

Tick (✓) one box for every question.

Q1. During the past 4 weeks...

How would you describe the pain you usually had from your hip?

None	Very mild	Mild	Moderate	Severe
<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅

Q2. During the past 4 weeks...

Have you had any trouble with washing and drying yourself (all over) because of your hip?

No trouble at all	Very little trouble	Moderate trouble	Extreme difficulty	Impossible to do so
<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅

Q3. During the past 4 weeks...

Have you had any trouble getting in and out of a car or using public transport because of your hip? (whichever you tend to use)

No trouble at all	Very little trouble	Moderate trouble	Extreme difficulty	Impossible to do so
<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅

Q4. During the past 4 weeks...

Have you been able to put on a pair of socks, stockings or tights?

Yes, easily	With little difficulty	With moderate difficulty	With extreme difficulty	No, impossible
<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅

Q5. During the past 4 weeks...
Could you do the household shopping on your own?

Yes, easily	With little difficulty	With moderate difficulty	With extreme difficulty	No, impossible
<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅

Q6. During the past 4 weeks...
For how long have you been able to walk before pain from your hip becomes severe? (with or without a stick)

No pain/More than 30 minutes	16 to 30 minutes	5 to 15 minutes	Around the house only	Not at all – pain severe on walking
<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅

Q7. During the past 4 weeks...
Have you been able to climb a flight of stairs?

Yes, easily	With little difficulty	With moderate difficulty	With extreme difficulty	No, impossible
<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅

Q8. During the past 4 weeks...

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

Not at all painful	Slightly painful	Moderately painful	Very painful	Unbearable
<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅

Q9. During the past 4 weeks...
Have you been limping when walking, because of your hip?

Rarely/ Never	Sometimes or just at first	Often, not just at first	Most of the time	All of the time
<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅

Q10. During the past 4 weeks...

Have you had any sudden, severe pain – ‘shooting’, ‘stabbing’, or ‘spasms’ – from the affected hip?

No days	Only 1 or 2 days	Some days	Most days	Every day
<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅

Q11. During the past 4 weeks...

How much has pain from your hip interfered with your usual work (including housework)?

Not at all	A little bit	Moderately	Greatly	Totally
<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅

Q12. During the past 4 weeks...

Have you been troubled by pain from your hip in bed at night?

No nights	Only 1 or 2 nights	Some nights	Most nights	Every night
<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	<input type="checkbox"/> ₅

By placing a tick in one box in each group (Questions 13-17) below, please indicate which statements best describe your own health state today.

Q13. Mobility

- I have no problems in walking about ₁
- I have slight problems in walking about ₂
- I have moderate problems in walking about ₃
- I have severe problems in walking about ₄
- I am unable to walk about ₅

Q14. Self-Care

- I have no problems washing or dressing myself ₁
- I have slight problems washing or dressing myself ₂
- I have moderate problems washing or dressing myself ₃
- I have severe problems washing or dressing myself ₄
- I am unable to wash or dress myself ₅

Q15. Usual Activities

(e.g. work, study, housework, family or leisure activities)

- I have no problems doing my usual activities ₁
- I have slight problems doing my usual activities ₂
- I have moderate problems doing my usual activities ₃
- I have severe problems doing my usual activities ₄
- I am unable to do my usual activities ₅

Q16. Pain/Discomfort

- I have no pain or discomfort ₁
- I have slight pain or discomfort ₂
- I have moderate pain or discomfort ₃
- I have severe pain or discomfort ₄
- I have extreme pain or discomfort ₅

Q17. Anxiety/Depression

- I am not anxious or depressed ₁
- I am slightly anxious or depressed ₂
- I am moderately anxious or depressed ₃
- I am severely anxious or depressed ₄
- I am extremely anxious or depressed ₅

Q18.

- We would like to know how good or bad your health is TODAY.
- This scale is numbered from 0 to 100.
- 100 means the best health you can imagine. 0 means the worst health you can imagine.
- Mark an X on the scale to indicate how your health is TODAY.
- Now, please write the number you marked on the scale in the box below.

YOUR HEALTH TODAY =

Best
imaginable
health state



Worst
imaginable

Contact us for further details:

- Telephone: **0845 345 9991**
- E-mail: Health_ServiceDesk@northgateps.com
- Write: **The NJR Centre, Northgate Public Services,
Peoplebuilding 2, Peoplebuilding Estate,
Maylands Avenue, Hemel Hempstead, HP2 4NW**
- Website: www.njrcentre.org.uk

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