

# n Groups

## Implant Report

Containing usage data up to 15/11/2021  
Created on 15/11/2021

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## Notes

This report has been produced by NEC Software Solutions on behalf of EUROSPINE. It represents activity recorded in Spine Tango for n Groups based on data collected up to the specified date. This report is made available to n Groups under the Spine Tango Agreement between the parties. Usage and distribution of this report is restricted as detailed in the EUROSPINE Subscriber Terms and Conditions.

### Notes on Comparator

This report compares usage and outcomes recorded for Sample Implants against all other surgical cases recorded within the Spine Tango registry. This comparison is provided for information purposes only and does not imply agreement that this forms a reasonable comparator. The implant under review may be used in specific cases not representative of the wider data set. You should satisfy yourself that the comparator allows for meaningful analysis.

### Notes on Data Quality

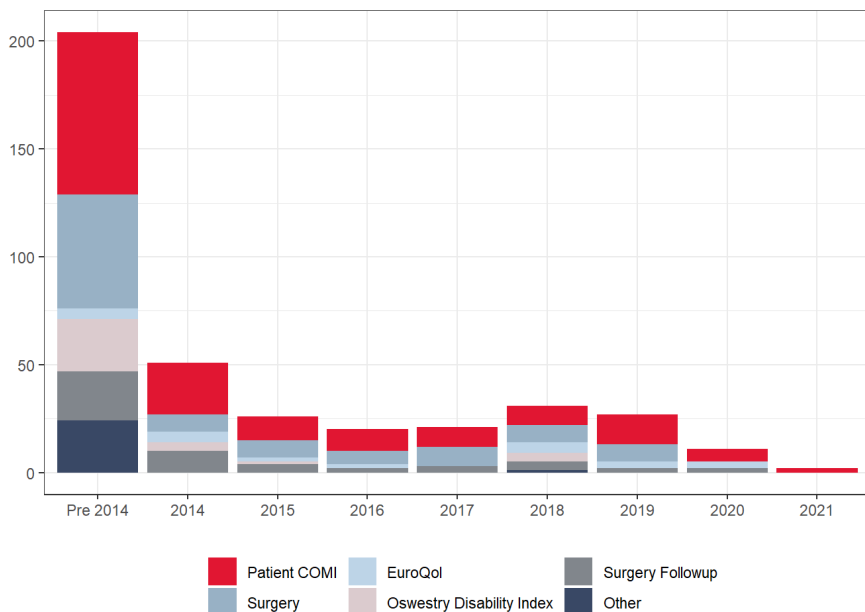
This report reflects data recorded in the Spine Tango Registry between 2004 and the specified date. Missing data and issues with the quality of data recorded may impact the results shown. Data from earlier years of the Registry may be less complete than current submissions. In interpreting this report you should satisfy yourself that the quality and completeness of data allows meaningful analysis of the usage and outcomes of the implant.

### Notes on Methodology

Please see the accompanying Methodology and Guidance Notes for further information.

# Activity Overview for Group 1

First Recorded Procedure	25/11/2005
Last Recorded Procedure	17/10/2019
Number of Patients	100
Number of Procedures	100



Form Type	Pre 2014	2014	2015	2016	2017	2018	2019	2020	2021	Total
Patient COMI	75	24	11	10	9	9	14	6	2	160
Surgery	53	8	8	6	9	8	8	0	0	100
EuroQol	5	5	2	2	0	5	3	3	0	25
Oswestry Disability Index	24	4	1	0	0	4	0	0	0	33
Surgery Followup	23	10	4	2	3	4	2	2	0	50
Other	24	0	0	0	0	1	0	0	0	25
<b>Total</b>	<b>204</b>	<b>51</b>	<b>26</b>	<b>20</b>	<b>21</b>	<b>31</b>	<b>27</b>	<b>11</b>	<b>2</b>	<b>393</b>

# Activity Tables for Group 1

## Surgery Activity

Country	Dept.	Pre 2014	2014	2015	2016	2017	2018	2019	2020	2021
Australia	1	1	1	0	0	0	0	0	0	0
Belgium	2	1	0	0	0	0	0	0	0	0
Belgium	3	0	0	0	1	0	0	1	0	0
Italy	4	0	0	0	0	1	0	0	0	0
Italy	5	0	0	0	0	0	0	1	0	0
Netherlands	6	1	0	0	0	0	0	0	0	0
Portugal	7	0	0	0	0	0	3	0	0	0
Slovenia	8	4	0	2	0	0	0	0	0	0
Switzerland	9	0	0	0	1	0	0	0	0	0
Switzerland	10	1	0	1	1	0	0	1	0	0
Switzerland	11	2	1	0	0	0	0	0	0	0
Switzerland	12	0	0	0	0	1	0	0	0	0
Switzerland	13	0	1	0	0	0	0	1	0	0
Switzerland	14	0	0	0	0	0	0	1	0	0
Switzerland	15	0	0	0	0	0	0	1	0	0
Switzerland	16	1	0	0	0	2	1	0	0	0
Switzerland	17	1	0	0	0	0	0	0	0	0
Switzerland	18	11	2	2	0	0	1	0	0	0
United Kingdom	20	0	1	1	2	2	0	2	0	0
United Kingdom	21	3	0	1	0	1	3	0	0	0
United Kingdom	22	2	0	1	1	1	0	0	0	0
United Kingdom	23	1	0	0	0	0	0	0	0	0
United States	24	1	0	0	0	0	0	0	0	0
United States	25	1	0	0	0	0	0	0	0	0
United States	26	1	0	0	0	0	0	0	0	0
United States	27	3	0	0	0	0	0	0	0	0
Unspecified	28	1	0	0	0	0	0	0	0	0
Unspecified	29	17	2	0	0	1	0	0	0	0
<b>Total</b>		<b>53</b>	<b>8</b>	<b>8</b>	<b>6</b>	<b>9</b>	<b>8</b>	<b>8</b>	<b>0</b>	<b>0</b>

## COMI Activity

Country	Dept.	Pre 2014	2014	2015	2016	2017	2018	2019	2020	2021	Mean	Range
Australia	1	3	2	1	0	0	0	0	0	0	0.85	0.13-2.23
Portugal	2	0	0	0	0	0	2	0	0	0	0	0
Slovenia	3	11	0	0	0	0	0	0	0	0	0.38	0.19-0.72
Switzerland	4	2	0	0	0	0	0	0	0	0	1.00	1.00-1.00
Switzerland	5	2	1	0	0	0	0	0	0	0	1.03	1.03-1.03
Switzerland	6	0	0	0	0	2	0	0	0	0	0.12	0.12-0.12
Switzerland	7	0	2	0	0	0	0	2	0	0	0.13	0.12-0.15
Switzerland	8	0	0	0	0	0	0	1	0	0	0	0
Switzerland	9	0	0	0	0	0	0	2	1	0	0.19	0.13-0.25
Switzerland	10	0	2	0	0	0	1	0	0	0	2.08	0.36-4.90
Switzerland	11	35	8	7	4	0	0	0	0	0	1.54	0.22-5.00
United Kingdom	12	0	2	2	4	5	5	6	2	2	1.12	0.20-2.18
United Kingdom	13	0	1	1	2	0	1	3	3	0	1.20	0.29-2.18
United Kingdom	14	2	0	0	0	0	0	0	0	0	0.30	0.30-0.30
United Kingdom	15	2	0	0	0	0	0	0	0	0	0.11	0.11-0.11
United States	16	1	0	0	0	0	0	0	0	0	0.09	0.09-0.09
Unspecified	17	17	6	0	0	2	0	0	0	0	0.56	0.01-2.82
<b>Total</b>		<b>75</b>	<b>24</b>	<b>11</b>	<b>10</b>	<b>9</b>	<b>9</b>	<b>14</b>	<b>6</b>	<b>2</b>	<b>1.11</b>	<b>0.01-5.00</b>

## EQ-5D-3L Activity

Country	Dept.	Pre 2014	2014	2015	2016	2017	2018	2019	2020	2021	Mean	Range
Australia	1		2	2	1	0	0	0	0	0	1.03	0.13-2.23
Portugal	2		0	0	0	0	0	3	0	0	0.25	0.25-0.25
Switzerland	3		0	2	0	0	0	1	0	0	2.08	0.36-4.90
United Kingdom	4		0	1	1	2	0	1	3	3	1.20	0.29-2.18
United Kingdom	5		2	0	0	0	0	0	0	0	0.11	0.11-0.11
United States	6		1	0	0	0	0	0	0	0	0	0
<b>Total</b>			<b>5</b>	<b>5</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>5</b>	<b>3</b>	<b>3</b>	<b>1.20</b>	<b>0.11-4.90</b>

## Oswestry Disability Index Activity

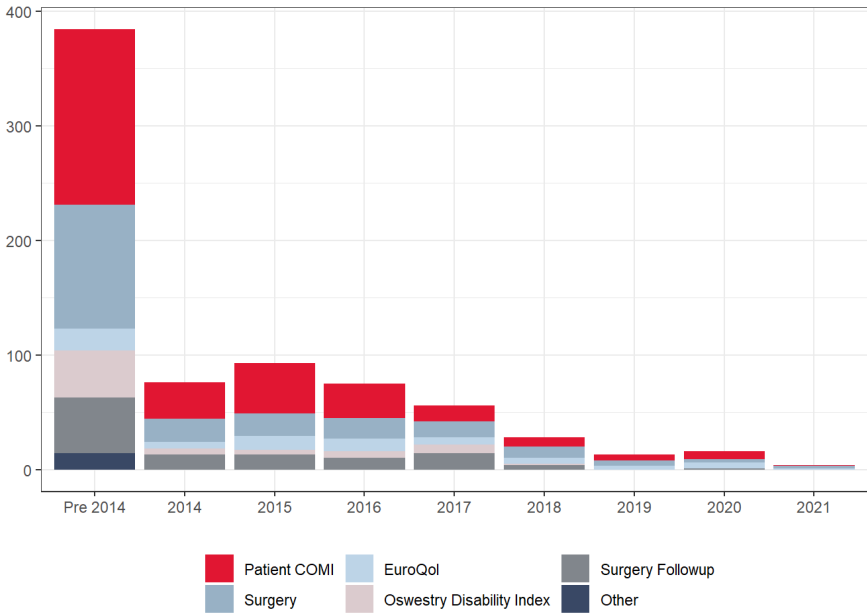
Country	Dept.	Pre 2014	2014	2015	2016	2017	2018	2019	2020	2021	Mean	Range
Australia	1		3	2	1	0	0	0	0	0	0.85	0.13-2.23
Portugal	2		0	0	0	0	0	3	0	0	0.25	0.25-0.25
Slovenia	3		10	0	0	0	0	0	0	0	0.38	0.19-0.72
Switzerland	4		0	2	0	0	0	1	0	0	2.08	0.36-4.90
United Kingdom	5		2	0	0	0	0	0	0	0	0.11	0.11-0.11
United States	6		3	0	0	0	0	0	0	0	1.03	1.03-1.03
Unspecified	7		6	0	0	0	0	0	0	0	2.05	1.29-2.82
<b>Total</b>			<b>24</b>	<b>4</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0.94</b>	<b>0.11-4.90</b>

## Surgery Follow-up Activity

Country	Dept.	Pre 2014	2014	2015	2016	2017	2018	2019	2020	2021	Mean	Range
Australia	1		0	1	1	0	0	0	0	0	0.95	0.95-0.95
Portugal	2		0	0	0	0	0	2	0	0	0.46	0.24-0.69
Switzerland	3		0	0	0	0	1	1	0	0	1.67	1.33-2.02
Switzerland	4		1	0	0	0	0	0	0	0	1.00	1.00-1.00
Switzerland	5		1	0	0	0	0	0	0	0	1.03	1.03-1.03
Switzerland	6		0	0	0	0	1	0	0	0	0	0
Switzerland	7		0	1	0	0	0	0	1	0	0	0
Switzerland	8		0	0	0	0	0	0	1	2	0.64	0.25-1.02
Switzerland	9		0	0	0	0	1	1	0	0	4.90	4.90-4.90
Switzerland	10		2	0	0	0	0	0	0	0	0.66	0.15-1.17
Switzerland	11		11	6	3	1	0	0	0	0	0.60	0.11-2.11
United Kingdom	12		0	1	0	1	0	0	0	0	0.20	0.14-0.27
United Kingdom	13		1	0	0	0	0	0	0	0	0.11	0.11-0.11
United States	14		2	0	0	0	0	0	0	0	0.11	0.11-0.11
Unspecified	15		1	0	0	0	0	0	0	0	0.11	0.11-0.11
Unspecified	16		4	1	0	0	0	0	0	0	0.20	0.15-0.30
<b>Total</b>			<b>23</b>	<b>10</b>	<b>4</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>2</b>	<b>2</b>	<b>0.69</b>	<b>0.11-4.90</b>

# Activity Overview for Group 2

First Recorded Procedure	27/02/2000
Last Recorded Procedure	25/03/2021
Number of Patients	200
Number of Procedures	200

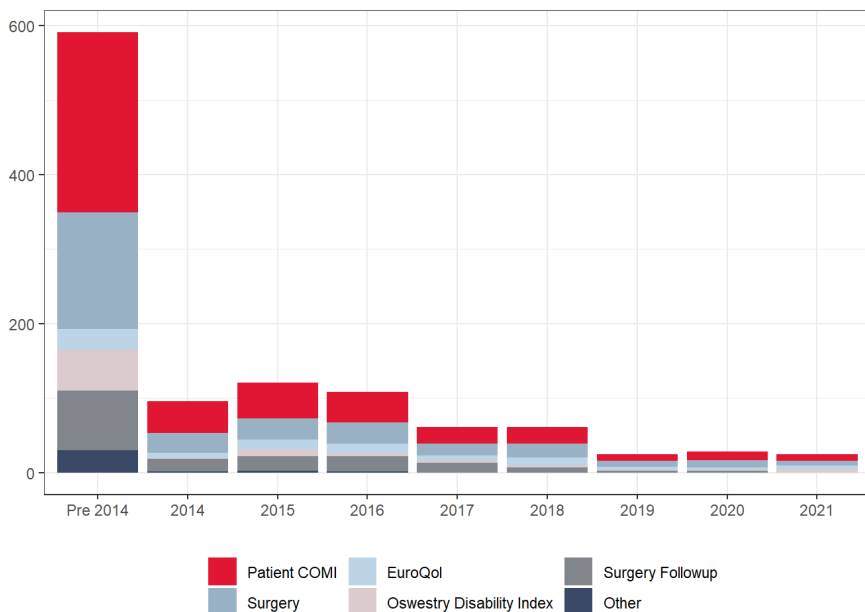


Form Type	Pre 2014	2014	2015	2016	2017	2018	2019	2020	2021	Total
Patient COMI	153	32	44	30	14	8	5	7	1	294
Surgery	108	20	20	18	14	10	5	3	2	200
EuroQol	19	6	12	11	6	5	3	5	1	68
Oswestry Disability Index	41	5	4	6	8	1	0	0	0	65
Surgery Followup	49	13	13	10	14	4	0	1	0	104
Other	14	0	0	0	0	0	0	0	0	14
<b>Total</b>	<b>384</b>	<b>76</b>	<b>93</b>	<b>75</b>	<b>56</b>	<b>28</b>	<b>13</b>	<b>16</b>	<b>4</b>	<b>745</b>



# Activity Overview for Group 3

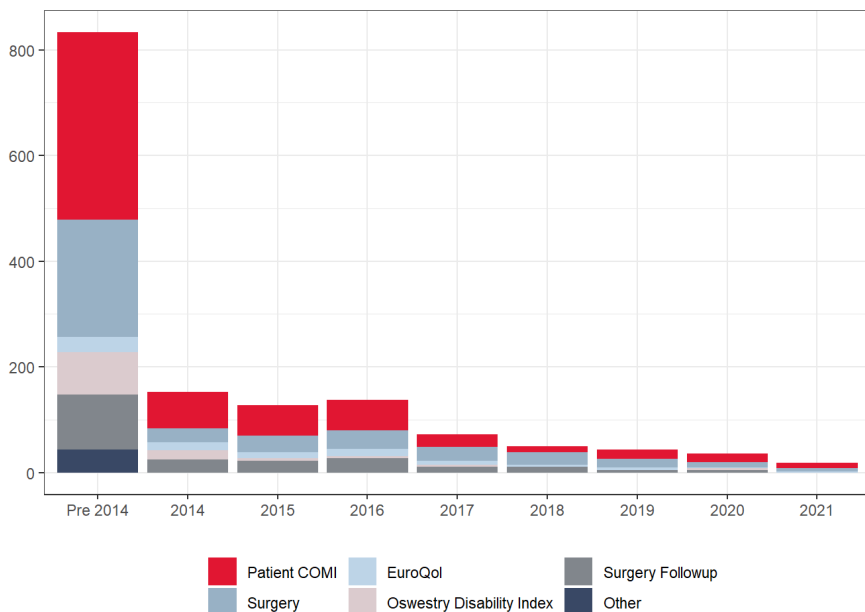
First Recorded Procedure	23/06/2005
Last Recorded Procedure	21/09/2021
Number of Patients	300
Number of Procedures	300



Form Type	Pre 2014	2014	2015	2016	2017	2018	2019	2020	2021	Total
Patient COMI	242	43	48	41	22	22	9	11	9	447
Surgery	156	27	29	28	16	19	8	10	7	300
EuroQol	29	7	13	13	7	11	5	4	5	94
Oswestry Disability Index	54	1	9	4	3	2	1	1	4	79
Surgery Followup	80	17	20	21	13	7	2	2	0	162
Other	30	1	2	1	0	0	0	0	0	34
<b>Total</b>	<b>591</b>	<b>96</b>	<b>121</b>	<b>108</b>	<b>61</b>	<b>61</b>	<b>25</b>	<b>28</b>	<b>25</b>	<b>1,116</b>

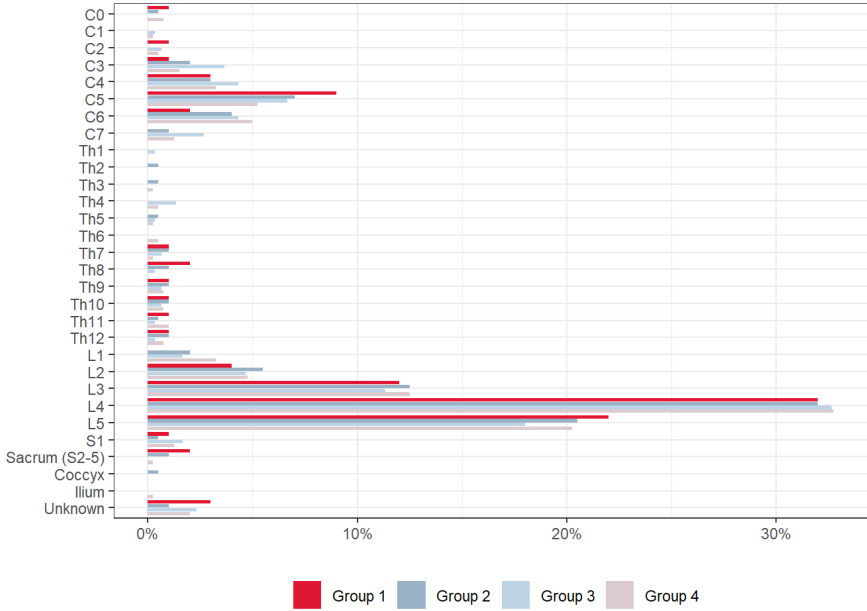
# Activity Overview for Group 4

First Recorded Procedure	19/05/2003
Last Recorded Procedure	23/09/2021
Number of Patients	400
Number of Procedures	400



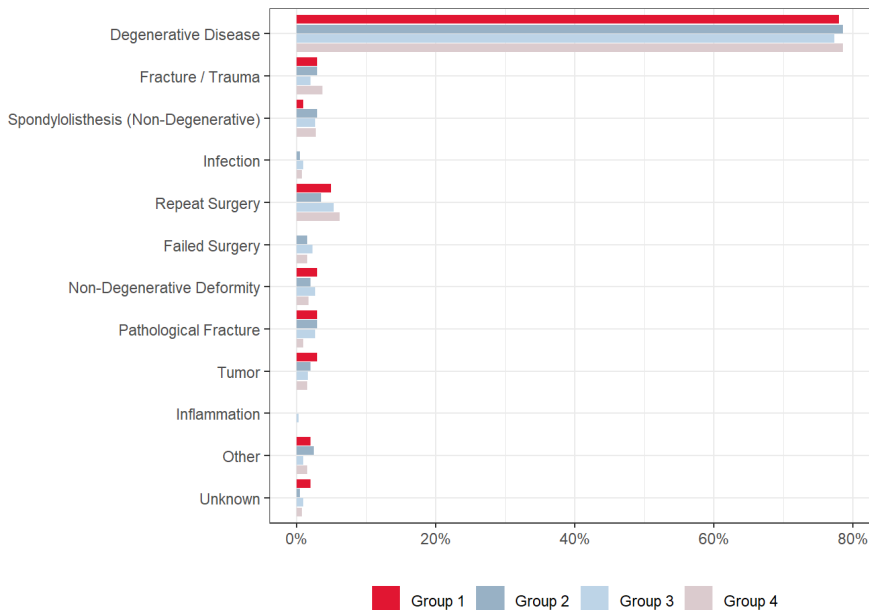
Form Type	Pre 2014	2014	2015	2016	2017	2018	2019	2020	2021	Total
Patient COMI	354	68	57	57	23	11	18	17	10	615
Surgery	223	27	32	35	27	25	16	9	6	400
EuroQol	28	15	11	14	8	3	5	2	2	88
Oswestry Disability Index	81	17	5	4	3	0	1	4	0	115
Surgery Followup	103	25	22	27	11	11	4	4	0	207
Other	44	0	0	0	0	0	0	0	0	44
<b>Total</b>	<b>833</b>	<b>152</b>	<b>127</b>	<b>137</b>	<b>72</b>	<b>50</b>	<b>44</b>	<b>36</b>	<b>18</b>	<b>1,469</b>

# Level of Procedure



Level of Procedure	Group 1	Group 2	Group 3	Group 4
Upper Cervical	2.0% (2)	0.5% (1)	1.0% (3)	1.5% (6)
Mid-Lower Cervical	15.0% (15)	16.0% (32)	19.0% (57)	15.0% (60)
Cervico-Thoracic	0.0% (0)	1.0% (2)	3.0% (9)	1.2% (5)
Thoracic	6.0% (6)	6.0% (12)	4.3% (13)	4.2% (17)
Thoraco-Lumbar	1.0% (1)	3.0% (6)	2.0% (6)	4.0% (16)
Lumbar	48.0% (48)	50.0% (100)	48.7% (146)	50.0% (200)
Lumbo-Sacral	23.0% (23)	21.0% (42)	19.7% (59)	21.5% (86)
Sacral	2.0% (2)	1.0% (2)	0.0% (0)	0.2% (1)
Coccyx	0.0% (0)	0.5% (1)	0.0% (0)	0.0% (0)
Ilium	0.0% (0)	0.0% (0)	0.0% (0)	0.2% (1)
Unknown	3.0% (3)	1.0% (2)	2.3% (7)	2.0% (8)

# Main Pathology



Main Pathology	Group 1	Group 2	Group 3	Group 4
Degenerative Disease	78.0% (78)	78.5% (157)	77.3% (232)	78.5% (314)
Fracture / Trauma	3.0% (3)	3.0% (6)	2.0% (6)	3.8% (15)
Spondylolisthesis (Non-Degenerative)	1.0% (1)	3.0% (6)	2.7% (8)	2.8% (11)
Infection	0.0% (0)	0.5% (1)	1.0% (3)	0.8% (3)
Repeat Surgery	5.0% (5)	3.5% (7)	5.3% (16)	6.2% (25)
Failed Surgery	0.0% (0)	1.5% (3)	2.3% (7)	1.5% (6)
Non-Degenerative Deformity	3.0% (3)	2.0% (4)	2.7% (8)	1.8% (7)
Pathological Fracture	3.0% (3)	3.0% (6)	2.7% (8)	1.0% (4)
Tumor	3.0% (3)	2.0% (4)	1.7% (5)	1.5% (6)
Inflammation	0.0% (0)	0.0% (0)	0.3% (1)	0.0% (0)
Other	2.0% (2)	2.5% (5)	1.0% (3)	1.5% (6)
Unknown	2.0% (2)	0.5% (1)	1.0% (3)	0.8% (3)

# Preoperative Profile

	Group 1	Group 2	Group 3	Group 4
<b>Mean Age</b>	57.0	56.8	57.6	58.2
< 18	2.0% (2)	1.5% (3)	2.3% (7)	1.8% (7)
18-39	18.0% (18)	17.0% (34)	14.3% (43)	15.0% (60)
40-49	18.0% (18)	14.0% (28)	14.0% (42)	13.8% (55)
50-59	16.0% (16)	21.0% (42)	21.3% (64)	19.5% (78)
60-79	36.0% (36)	40.0% (80)	39.7% (119)	41.0% (164)
≥ 80	10.0% (10)	6.5% (13)	8.3% (25)	9.0% (36)
<b>Gender</b>				
Male	36.0% (36)	51.0% (102)	48.0% (144)	45.8% (183)
Female	64.0% (64)	49.0% (98)	52.0% (156)	54.2% (217)
<b>Smoker</b>				
No	31.0% (31)	30.5% (61)	35.7% (107)	31.2% (125)
Yes	5.0% (5)	11.5% (23)	11.0% (33)	6.2% (25)
Unknown	64.0% (64)	58.0% (116)	53.3% (160)	62.5% (250)
<b>Median BMI</b>	26.1	27.1	27.6	27.0
< 20	2.0% (2)	4.0% (8)	2.3% (7)	3.2% (13)
20-25	16.0% (16)	13.0% (26)	18.7% (56)	18.2% (73)
26-30	21.0% (21)	22.5% (45)	27.3% (82)	20.7% (83)
31-35	10.0% (10)	14.0% (28)	8.0% (24)	6.2% (25)
> 35	4.0% (4)	3.0% (6)	2.3% (7)	5.0% (20)
Unknown	47.0% (47)	43.5% (87)	41.3% (124)	46.5% (186)
<b>Number of Segments Affected</b>				
1	64.0% (64)	62.5% (125)	53.3% (160)	63.5% (254)
2	12.0% (12)	14.0% (28)	17.0% (51)	15.0% (60)
3	6.0% (6)	6.0% (12)	5.3% (16)	4.8% (19)
2-3*	8.0% (8)	9.0% (18)	11.7% (35)	10.8% (43)
≥ 4	8.0% (8)	8.0% (16)	11.7% (35)	5.2% (21)
Unknown	2.0% (2)	0.5% (1)	1.0% (3)	0.8% (3)
<b>Previous Surgeries (Any Level)</b>				
0	74.0% (74)	73.0% (146)	71.0% (213)	70.0% (280)
1	17.0% (17)	17.5% (35)	17.7% (53)	17.8% (71)
> 1	7.0% (7)	9.0% (18)	10.3% (31)	11.5% (46)
Unknown	2.0% (2)	0.5% (1)	1.0% (3)	0.8% (3)

\* This combined answer is the highest possible granularity available for the 2005 and 2006 versions of the surgical form

# Perioperative Profile

Characteristic	Group 1	Group 2	Group 3	Group 4
<b>Blood Loss</b>				
< 100 MI	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
100 - 500 MI	38.0% (38)	39.0% (78)	39.3% (118)	30.8% (123)
500 - 1000 MI	5.0% (5)	4.0% (8)	8.3% (25)	5.2% (21)
1000 - 2000 MI	2.0% (2)	3.0% (6)	2.0% (6)	3.0% (12)
> 2000 MI	1.0% (1)	1.5% (3)	0.7% (2)	1.0% (4)
Unknown	54.0% (54)	52.5% (105)	49.7% (149)	60.0% (240)
<b>Blood Transfusion</b>				
None	50.0% (50)	55.5% (111)	54.0% (162)	53.0% (212)
< 2 Units	1.0% (1)	0.5% (1)	0.7% (2)	0.5% (2)
≥ 2 Units	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
Cell Saver	7.0% (7)	6.0% (12)	4.7% (14)	4.5% (18)
Unknown	42.0% (42)	39.5% (79)	41.0% (123)	43.0% (172)
<b>Prophylaxis</b>				
None	3.0% (3)	1.5% (3)	2.3% (7)	1.5% (6)
Infection	42.0% (42)	51.5% (103)	45.0% (135)	42.5% (170)
Thromboembolism	32.0% (32)	43.0% (86)	37.7% (113)	34.5% (138)
Ossification	0.0% (0)	0.0% (0)	0.3% (1)	0.5% (2)
Other	0.0% (0)	0.5% (1)	0.3% (1)	0.0% (0)
Unknown	56.0% (56)	44.0% (88)	53.0% (159)	53.5% (214)
<b>Technology</b>				
Conventional	47.0% (47)	40.0% (80)	43.0% (129)	37.8% (151)
MISS / LISS	13.0% (13)	13.5% (27)	10.7% (32)	12.0% (48)
Loops	3.0% (3)	11.0% (22)	8.7% (26)	10.0% (40)
Endoscope	0.0% (0)	0.5% (1)	0.7% (2)	0.8% (3)
Microscope	50.0% (50)	53.0% (106)	49.0% (147)	53.2% (213)
CASS	0.0% (0)	0.0% (0)	1.0% (3)	1.0% (4)
Neuromonitoring	5.0% (5)	3.5% (7)	4.0% (12)	3.8% (15)
Intraoperative 3d-Imaging	0.0% (0)	0.5% (1)	1.0% (3)	0.5% (2)
Other	3.0% (3)	1.0% (2)	1.0% (3)	1.8% (7)
Unknown	5.0% (5)	2.0% (4)	6.0% (18)	4.0% (16)

Characteristic	Group 1	Group 2	Group 3	Group 4
<b>Operation Time</b>				
< 1 Hr.	27.0% (27)	29.5% (59)	22.0% (66)	26.0% (104)
1-2 Hrs.	33.0% (33)	31.5% (63)	37.0% (111)	38.8% (155)
2-3 Hrs.	15.0% (15)	19.0% (38)	19.7% (59)	15.5% (62)
3-4 Hrs.	5.0% (5)	6.0% (12)	8.0% (24)	7.5% (30)
4-5 Hrs.	3.0% (3)	4.0% (8)	3.3% (10)	3.2% (13)
5-6 Hrs.	4.0% (4)	1.0% (2)	2.7% (8)	1.5% (6)
6-8 Hrs.	3.0% (3)	1.5% (3)	1.0% (3)	0.5% (2)
8-10 Hrs.	1.0% (1)	1.0% (2)	0.3% (1)	0.5% (2)
> 10 Hrs.	0.0% (0)	0.0% (0)	0.3% (1)	0.2% (1)
Unknown	9.0% (9)	6.5% (13)	5.7% (17)	6.2% (25)
<b>Anterior Access</b>				
No Anterior Access	83.0% (83)	80.5% (161)	78.7% (236)	81.0% (324)
Transoral	1.0% (1)	0.0% (0)	0.0% (0)	0.2% (1)
Anterolateral	7.0% (7)	11.5% (23)	13.0% (39)	9.0% (36)
Cervicothoracic Anterolateral	0.0% (0)	0.5% (1)	0.0% (0)	0.8% (3)
Cervicothoracic With Sternotomy	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
Cervicothoracic Anterolat With Sternotomy	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
Thoracotomy	0.0% (0)	0.5% (1)	0.7% (2)	0.2% (1)
Cervicothoracic Anterolat With Thoracotomy	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
Thoracoabdominal	0.0% (0)	0.0% (0)	0.3% (1)	0.0% (0)
Retroperitoneal	3.0% (3)	2.5% (5)	1.3% (4)	1.2% (5)
Thoraco-Phrenico-Lumbotomy	0.0% (0)	0.5% (1)	0.0% (0)	0.0% (0)
Transperitoneal	0.0% (0)	0.0% (0)	0.0% (0)	0.2% (1)
Trans-Psoas (XLIF)	1.0% (1)	0.0% (0)	1.7% (5)	1.2% (5)
Other	0.0% (0)	0.5% (1)	0.3% (1)	0.2% (1)
Unknown	5.0% (5)	3.5% (7)	4.0% (12)	5.8% (23)
<b>Posterior Access</b>				
No Posterior Access	11.0% (11)	17.0% (34)	19.7% (59)	16.2% (65)
Midline	78.0% (78)	73.0% (146)	67.7% (203)	72.0% (288)
Paramedian	7.0% (7)	7.5% (15)	8.0% (24)	7.8% (31)
Posterolateral	1.0% (1)	1.0% (2)	2.0% (6)	0.8% (3)
Percutaneous	0.0% (0)	0.0% (0)	1.3% (4)	1.8% (7)
Para-Coccygeal (AxialLIF)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
Other	1.0% (1)	1.0% (2)	0.3% (1)	0.8% (3)
Unknown	2.0% (2)	0.5% (1)	1.0% (3)	0.8% (3)



# Surgical Measures

## Decompression

Characteristic	Group 1	Group 2	Group 3	Group 4
Decompression				
None	11.0% (11)	10.5% (21)	11.3% (34)	10.0% (40)
Discectomy	45.0% (45)	53.5% (107)	50.3% (151)	46.5% (186)
Vertebrectomy Partial	3.0% (3)	2.0% (4)	1.7% (5)	1.2% (5)
Vertebrectomy Full	1.0% (1)	0.0% (0)	0.7% (2)	1.0% (4)
Osteotomy	1.0% (1)	2.5% (5)	2.7% (8)	2.2% (9)
Laminotomy	24.0% (24)	28.5% (57)	26.3% (79)	26.2% (105)
Hemi-Laminectomy	9.0% (9)	7.0% (14)	5.3% (16)	5.0% (20)
Laminectomy	14.0% (14)	15.5% (31)	16.3% (49)	13.2% (53)
Facet Joint Resection Partial	21.0% (21)	23.5% (47)	25.0% (75)	26.8% (107)
Facet Joint Resection Full	5.0% (5)	7.5% (15)	4.0% (12)	5.5% (22)
Flavectomy	35.0% (35)	32.0% (64)	34.7% (104)	38.5% (154)
Foraminotomy	28.0% (28)	26.0% (52)	29.7% (89)	29.5% (118)
Sequestrectomy	18.0% (18)	17.0% (34)	12.7% (38)	17.2% (69)
Flavotomy	0.0% (0)	2.0% (4)	2.3% (7)	3.2% (13)
Uncoforaminotomy	1.0% (1)	3.5% (7)	3.0% (9)	2.5% (10)
Other	2.0% (2)	3.5% (7)	2.7% (8)	3.8% (15)
Unknown	7.0% (7)	1.5% (3)	3.3% (10)	1.8% (7)

## Fusion

Characteristic	Group 1	Group 2	Group 3	Group 4
<b>Fusion Promoting Measures</b>				
None	61.0% (61)	63.0% (126)	55.7% (167)	61.2% (245)
Posterolateral Fusion	6.0% (6)	8.5% (17)	10.0% (30)	7.5% (30)
Posterior Fusion	10.0% (10)	7.0% (14)	7.0% (21)	6.2% (25)
Interbody Fusion (A-IF)	7.0% (7)	8.0% (16)	10.0% (30)	6.2% (25)
Interbody Fusion (PLIF)	3.0% (3)	3.5% (7)	2.0% (6)	3.0% (12)
Interbody Fusion (TLIF)	8.0% (8)	5.5% (11)	7.0% (21)	6.2% (25)
Interbody Fusion (XLIF)	1.0% (1)	0.0% (0)	2.0% (6)	1.8% (7)
Other Interbody Fusion	1.0% (1)	1.5% (3)	3.0% (9)	1.0% (4)
Ilio-Sacral Fusion	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
Other	10.0% (10)	14.0% (28)	12.0% (36)	14.0% (56)
Unknown	4.0% (4)	2.0% (4)	3.0% (9)	1.5% (6)

## Stabilisation

Characteristic	Group 1	Group 2	Group 3	Group 4
<b>Rigid Stabilisation</b>				
None	61.0% (61)	62.5% (125)	53.7% (161)	58.2% (233)
Interbody Stabilization With Cage	22.0% (22)	22.5% (45)	28.3% (85)	24.2% (97)
Interbody Stabilization With Auto-/ Allograft	0.0% (0)	1.0% (2)	0.3% (1)	0.5% (2)
Vertebral Body Replacement By Cage	2.0% (2)	0.0% (0)	0.7% (2)	0.8% (3)
Vertebral Body Replacement With Auto-/ Allograft	0.0% (0)	0.0% (0)	0.3% (1)	0.0% (0)
Plates	5.0% (5)	8.5% (17)	7.3% (22)	6.5% (26)
Pedicle Screws With Rod	16.0% (16)	17.5% (35)	22.7% (68)	20.7% (83)
Pedicle Screws With Plate	0.0% (0)	0.5% (1)	0.0% (0)	0.0% (0)
Facet Screws	0.0% (0)	0.0% (0)	0.3% (1)	0.2% (1)
Transarticular Screw	0.0% (0)	0.0% (0)	0.3% (1)	0.2% (1)
Transarticular Screw C1-C2	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
Laminar Hooks	0.0% (0)	0.0% (0)	0.7% (2)	0.2% (1)
Pedicle Hooks	1.0% (1)	0.0% (0)	0.7% (2)	0.5% (2)
Lateral Mass Screw	3.0% (3)	1.0% (2)	2.0% (6)	1.2% (5)
Odontoid Screws	0.0% (0)	0.0% (0)	0.3% (1)	0.2% (1)
Laminar Screws	0.0% (0)	0.0% (0)	0.0% (0)	0.2% (1)
Pedicle Screws Cemented	0.0% (0)	0.5% (1)	0.3% (1)	0.8% (3)
Pedicle Screws Uncemented	3.0% (3)	1.5% (3)	3.0% (9)	2.8% (11)
Other	2.0% (2)	0.5% (1)	2.3% (7)	0.8% (3)
Unknown	5.0% (5)	2.0% (4)	4.0% (12)	2.2% (9)
<b>Motion Preserving Stabilisation</b>				
None	93.0% (93)	95.0% (190)	93.3% (280)	94.2% (377)
Disc Replacement	0.0% (0)	0.5% (1)	1.7% (5)	1.0% (4)
Dynamic Stabilization	1.0% (1)	1.5% (3)	1.7% (5)	2.5% (10)
Interspinous Spacer	1.0% (1)	1.0% (2)	0.0% (0)	0.0% (0)
Other	0.0% (0)	0.5% (1)	0.3% (1)	0.0% (0)
Unknown	6.0% (6)	1.5% (3)	3.0% (9)	2.2% (9)

# Complications

## General Complications

	Group 1	Group 2	Group 3	Group 4
<b>Intraoperative General Complications</b>				
None	61.0% (61)	66.5% (133)	64.7% (194)	61.5% (246)
Anaesthesiological	0.0% (0)	0.0% (0)	0.0% (0)	0.2% (1)
Cardiovascular	0.0% (0)	0.0% (0)	0.3% (1)	0.0% (0)
Pulmonary	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
Thromboembolism	1.0% (1)	0.0% (0)	0.0% (0)	0.0% (0)
Death	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
Not Documented	0.0% (0)	1.0% (2)	0.0% (0)	0.5% (2)
Other	0.0% (0)	0.0% (0)	0.3% (1)	0.0% (0)
Unknown	38.0% (38)	32.5% (65)	34.7% (104)	37.8% (151)
<b>Postoperative General Complications</b>				
None	59.0% (59)	64.5% (129)	62.3% (187)	59.2% (237)
Cardiovascular	0.0% (0)	0.5% (1)	0.7% (2)	0.2% (1)
Pulmonary	1.0% (1)	0.0% (0)	0.7% (2)	0.8% (3)
Cerebral	0.0% (0)	0.0% (0)	0.0% (0)	0.2% (1)
Kidney / Urinary	0.0% (0)	0.5% (1)	1.0% (3)	0.8% (3)
Liver / Gi	0.0% (0)	0.5% (1)	0.7% (2)	0.0% (0)
Thromboembolism	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
Death	0.0% (0)	0.0% (0)	0.3% (1)	0.2% (1)
Not Documented	0.0% (0)	1.5% (3)	0.3% (1)	0.5% (2)
Positioning-Related	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
Other	2.0% (2)	0.0% (0)	0.7% (2)	0.5% (2)
Unknown	38.0% (38)	32.5% (65)	34.7% (104)	37.8% (151)

## Surgical Complications

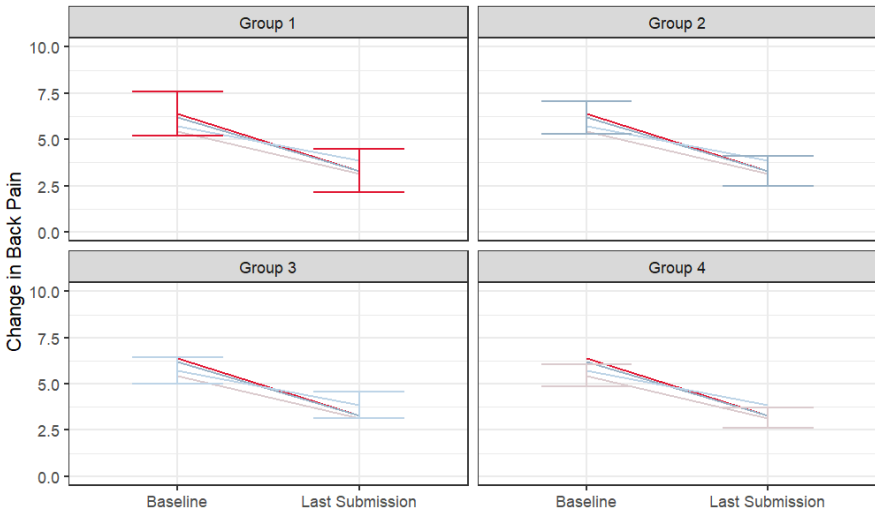
	Group 1	Group 2	Group 3	Group 4
<b>Intraoperative Surgical Complications</b>				
None	59.0% (59)	63.5% (127)	61.3% (184)	58.5% (234)
Nerve Root Damage	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
Spinal Cord Damage	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
Dural Lesion	3.0% (3)	4.0% (8)	3.3% (10)	3.2% (13)
Vascular Injury	0.0% (0)	0.0% (0)	0.3% (1)	0.0% (0)
Fracture Vertebral Structures	0.0% (0)	0.0% (0)	0.3% (1)	0.2% (1)
Not Documented	0.0% (0)	0.0% (0)	0.0% (0)	0.2% (1)
Other	0.0% (0)	0.0% (0)	0.0% (0)	0.2% (1)
Unknown	38.0% (38)	32.5% (65)	34.7% (104)	37.8% (151)
<b>Postoperative Surgical Complications</b>				
None	62.0% (62)	63.0% (126)	63.3% (190)	57.8% (231)
Epidural Hematoma	0.0% (0)	0.0% (0)	0.0% (0)	0.2% (1)
Other Hematoma	0.0% (0)	0.5% (1)	0.3% (1)	0.2% (1)
Radiculopathy	0.0% (0)	0.5% (1)	0.0% (0)	0.2% (1)
CSF Leak / Pseudomeningocele	0.0% (0)	0.0% (0)	0.0% (0)	0.2% (1)
Motor Dysfunction	0.0% (0)	0.0% (0)	0.3% (1)	0.0% (0)
Sensory Dysfunction	0.0% (0)	0.0% (0)	0.3% (1)	0.2% (1)
Bowel / Bladder Dysfunction	0.0% (0)	0.5% (1)	0.0% (0)	0.0% (0)
Wound Infection Superficial	0.0% (0)	0.5% (1)	0.0% (0)	0.8% (3)
Wound Infection Deep	0.0% (0)	0.5% (1)	0.7% (2)	0.2% (1)
Implant Malposition	0.0% (0)	0.0% (0)	0.0% (0)	0.2% (1)
Implant Failure	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
Wrong Level	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
Not Documented	0.0% (0)	1.0% (2)	0.3% (1)	0.8% (3)
Recurrent Nerve Paresis	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
Other	0.0% (0)	1.0% (2)	0.3% (1)	1.2% (5)
Unknown	38.0% (38)	32.5% (65)	34.7% (104)	37.8% (151)

# COMI Analysis - Back / Legs

## Summary

Group	Patients	Baseline	≤ 3 Months	≤ 6 Months	≤ 1 Year	≤ 2 Years	> 2 Years	Mean	Range
Group 1	49	31	34	18	12	20	13	0.97	0.01-4.98
Group 2	95	62	65	19	32	43	35	1.18	0.01-5.34
Group 3	145	100	92	35	33	65	33	0.95	0.00-5.10
Group 4	198	129	133	46	64	78	58	1.01	0.00-5.34

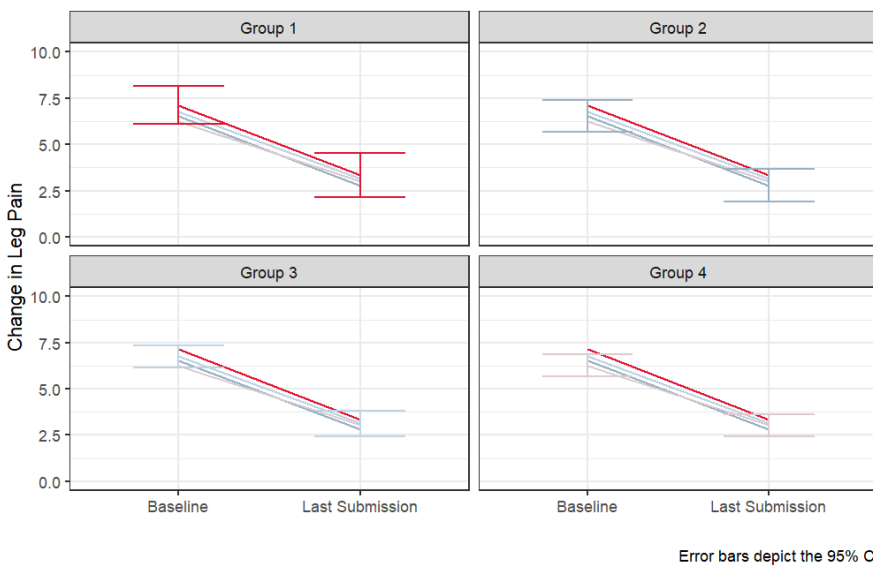
## Back Pain Analysis



Error bars depict the 95% CI

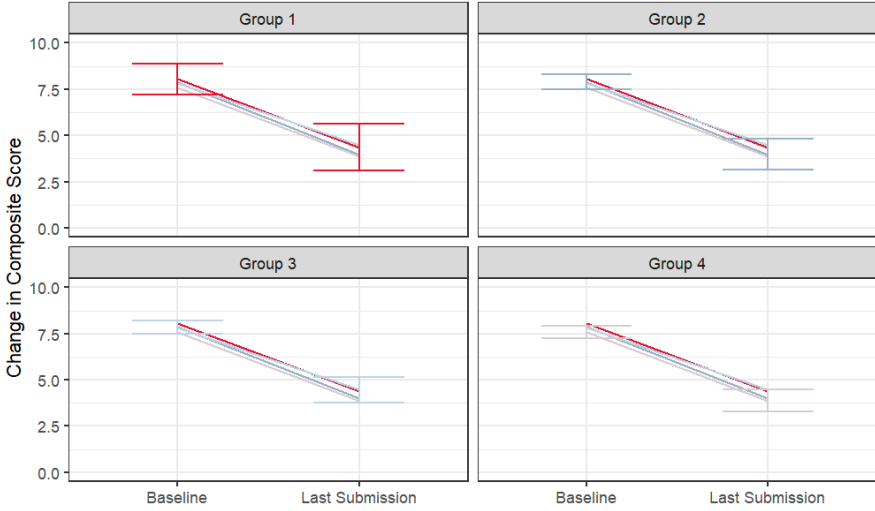
Group	Paired Observations	Baseline			Last Submission			p-value
		Mean	CI (95%)	SD	Mean	CI (95%)	SD	
Group 1	23	6.39	5.20-7.58	2.92	3.30	2.15-4.46	2.84	< 0.001
Group 2	47	6.19	5.31-7.08	3.10	3.28	2.46-4.10	2.86	< 0.001
Group 3	72	5.71	5.00-6.42	3.09	3.85	3.13-4.56	3.09	< 0.001
Group 4	90	5.46	4.84-6.07	2.96	3.16	2.60-3.72	2.71	< 0.001

## Leg Pain Analysis



Group	Paired Observations	Baseline			Last Submission			p-value
		Mean	CI (95%)	SD	Mean	CI (95%)	SD	
Group 1	23	7.13	6.11-8.15	2.49	3.35	2.16-4.54	2.92	< 0.001
Group 2	47	6.53	5.67-7.39	3.01	2.79	1.90-3.68	3.11	< 0.001
Group 3	72	6.76	6.17-7.36	2.57	3.12	2.44-3.81	2.95	< 0.001
Group 4	90	6.26	5.66-6.85	2.88	3.02	2.42-3.62	2.90	< 0.001

## Composite Score Analysis

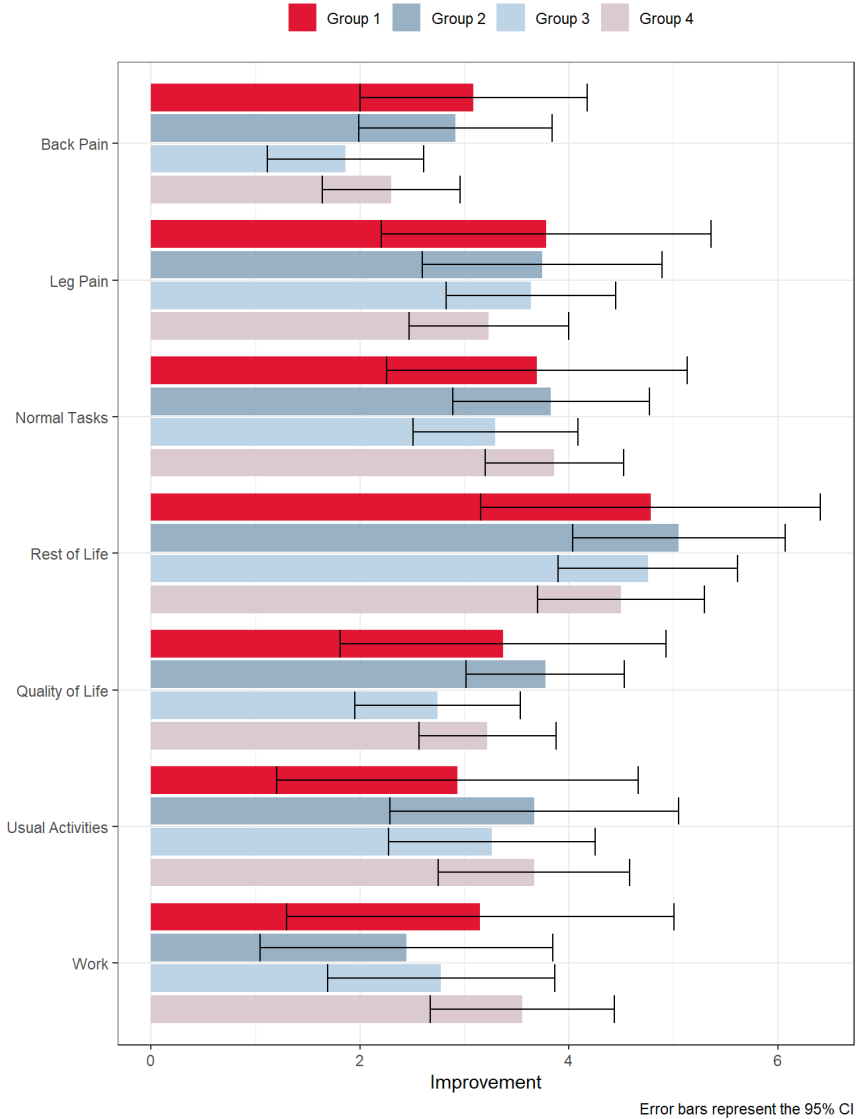


Error bars depict the 95% CI

Group	Paired Observations	Baseline			Last Submission			p-value
		Mean	CI (95%)	SD	Mean	CI (95%)	SD	
Group 1	23	8.05	7.22-8.89	2.04	4.36	3.10-5.63	3.10	< 0.001
Group 2	47	7.89	7.48-8.29	1.40	3.98	3.13-4.83	2.96	< 0.001
Group 3	72	7.84	7.47-8.21	1.60	4.46	3.77-5.15	2.98	< 0.001
Group 4	90	7.58	7.23-7.92	1.67	3.86	3.27-4.46	2.88	< 0.001



# Domain Analysis

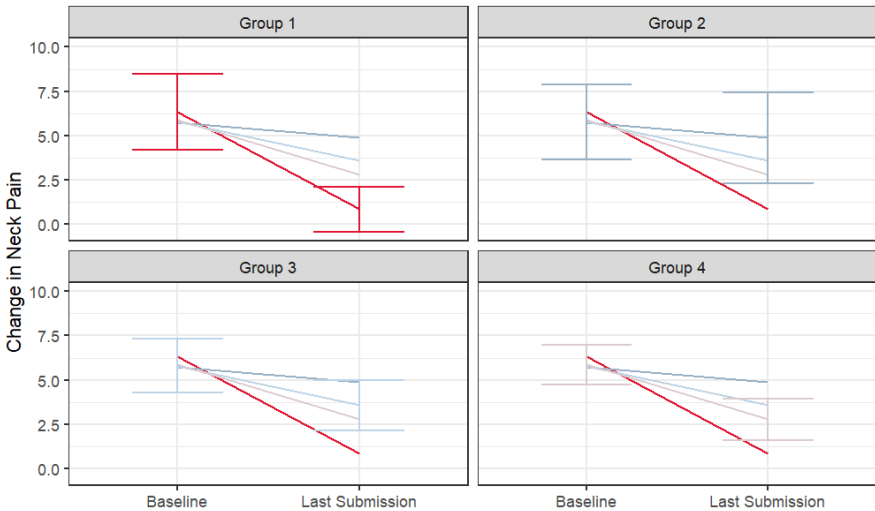


# COMI Analysis - Neck / Arms

## Summary

Group	Patients	Baseline	≤ 3 Months	≤ 6 Months	≤ 1 Year	≤ 2 Years	> 2 Years	Mean	Range
Group 1	12	8	3	5	1	10	5	1.19	0.02-5.00
Group 2	17	11	14	3	5	9	7	0.97	0.00-4.99
Group 3	43	26	29	8	10	14	4	0.71	0.00-4.98
Group 4	43	26	29	10	16	22	13	1.06	0.01-5.07

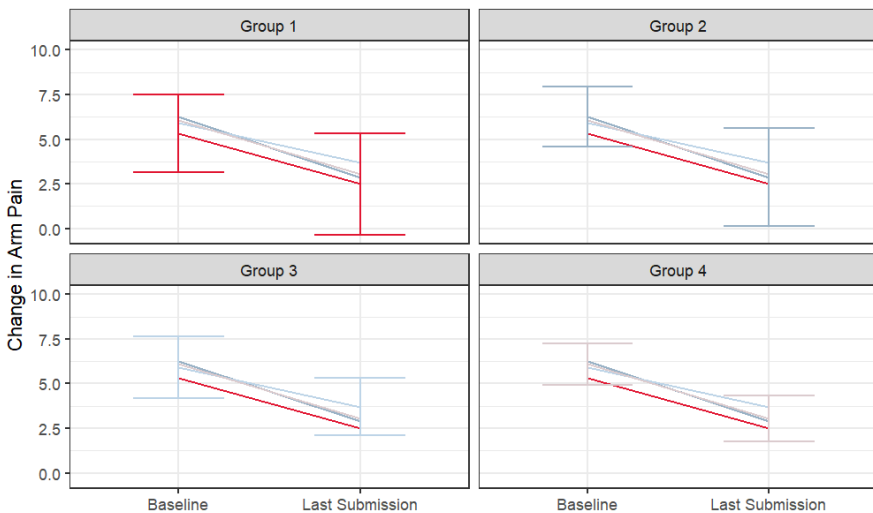
## Neck Pain Analysis



Error bars depict the 95% CI

Group	Paired Observations	Baseline			Last Submission			p-value
		Mean	CI (95%)	SD	Mean	CI (95%)	SD	
Group 1	6	6.33	4.21-8.46	2.66	0.83	-0.45-2.12	1.60	< 0.05
Group 2	8	5.75	3.63-7.87	3.06	4.88	2.30-7.45	3.72	0.46
Group 3	14	5.79	4.27-7.30	2.89	3.57	2.15-4.99	2.71	< 0.05
Group 4	22	5.86	4.75-6.98	2.66	2.77	1.61-3.94	2.79	< 0.001

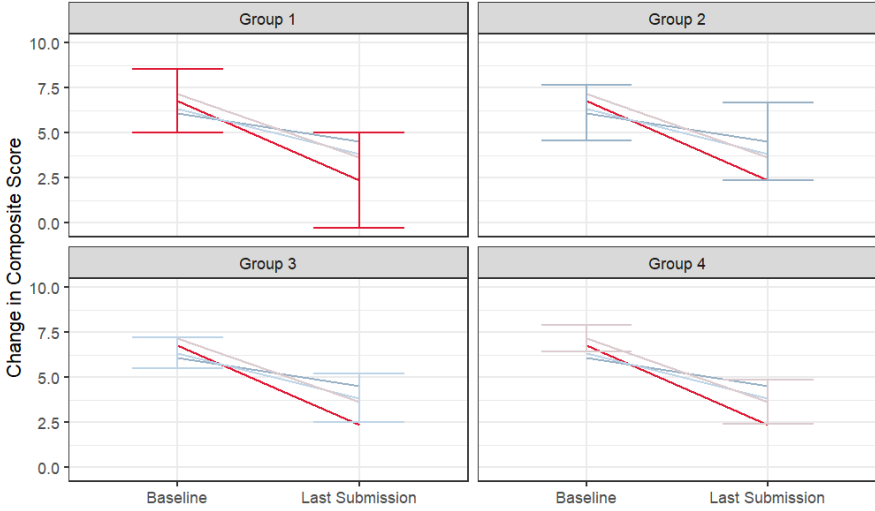
## Arm Pain Analysis



Error bars depict the 95% CI

Group	Paired Observations	Baseline			Last Submission			p-value
		Mean	CI (95%)	SD	Mean	CI (95%)	SD	
Group 1	6	5.33	3.15-7.52	2.73	2.50	-0.35-5.35	3.56	0.20
Group 2	8	6.25	4.56-7.94	2.43	2.88	0.14-5.61	3.94	< 0.05
Group 3	14	5.93	4.19-7.67	3.32	3.71	2.09-5.34	3.10	< 0.05
Group 4	22	6.09	4.94-7.24	2.76	3.05	1.78-4.31	3.03	< 0.001

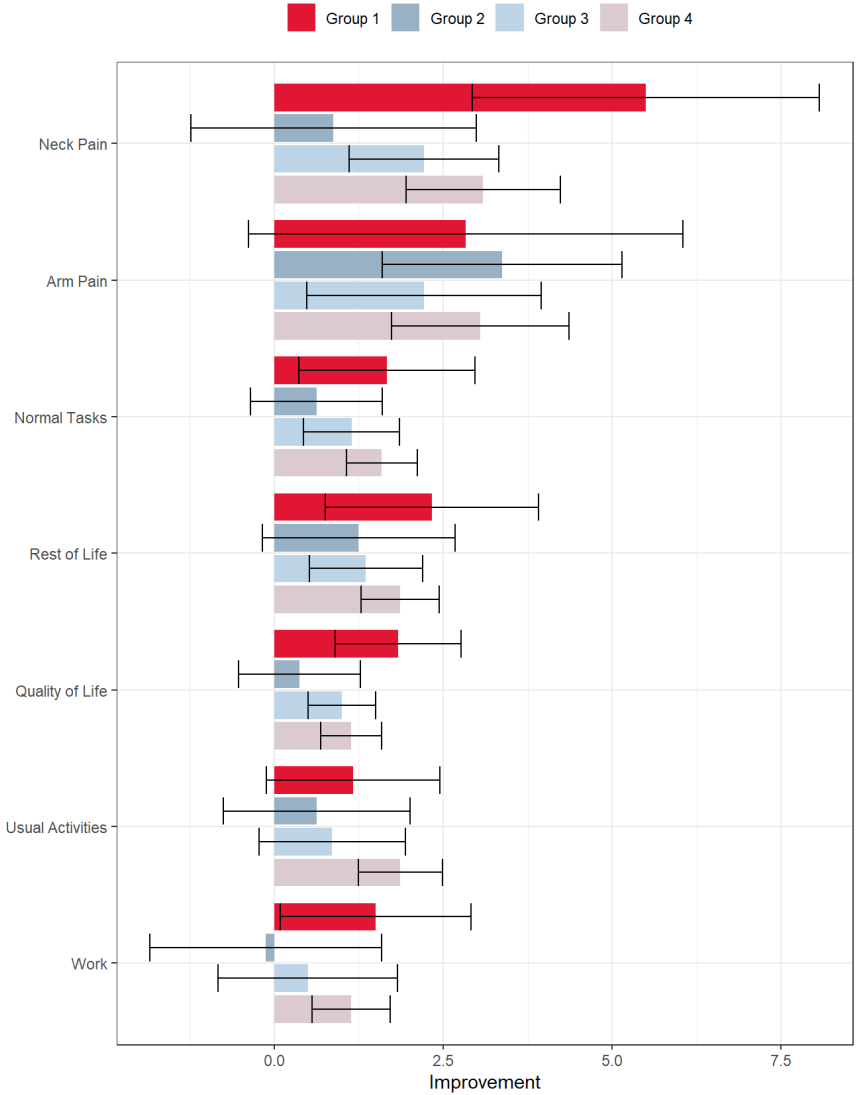
## Composite Score Analysis



Error bars depict the 95% CI

Group	Paired Observations	Baseline			Last Submission			p-value
		Mean	CI (95%)	SD	Mean	CI (95%)	SD	
Group 1	6	6.79	5.04-8.54	2.19	2.38	-0.27-5.02	3.30	0.06
Group 2	8	6.11	4.56-7.67	2.24	4.54	2.38-6.69	3.11	0.15
Group 3	14	6.35	5.48-7.21	1.64	3.86	2.52-5.20	2.56	< 0.05
Group 4	22	7.18	6.43-7.92	1.79	3.66	2.44-4.88	2.93	< 0.001

# Domain Analysis



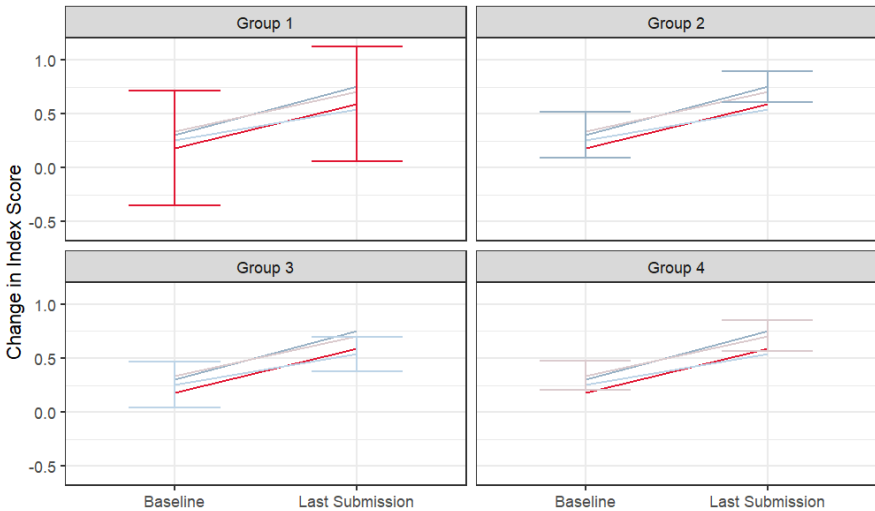
Error bars represent the 95% CI

# EQ-5D-3L Analysis

## Summary

Group	Patients	Baseline	≤ 3 Months	≤ 6 Months	≤ 1 Year	≤ 2 Years	> 2 Years	Mean	Range
Group 1	12	4	6	4	3	4	4	1.04	0.03-4.90
Group 2	32	18	16	8	5	12	11	1.04	0.03-5.05
Group 3	52	32	18	12	7	16	11	0.88	0.04-2.46
Group 4	47	26	18	11	9	11	13	0.95	0.07-4.51

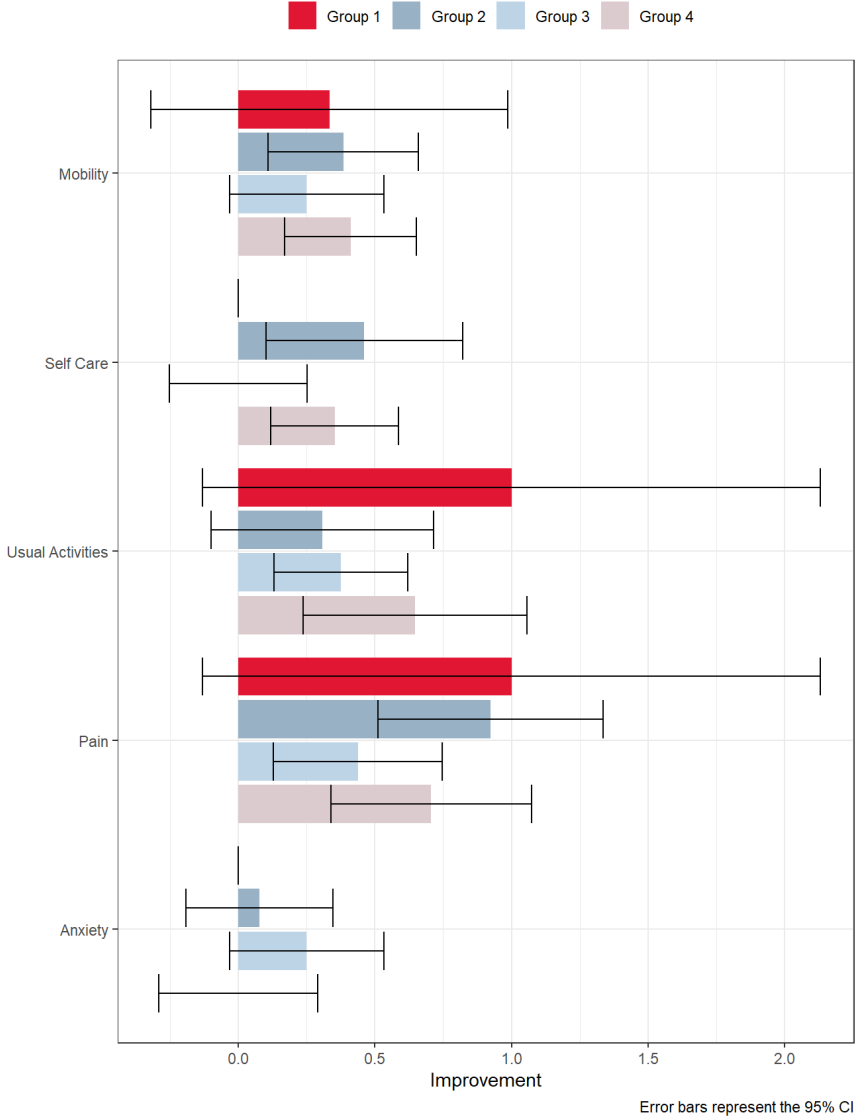
## Index Score Analysis



Error bars depict the 95% CI

Group	Paired Observations	Baseline			Last Submission			p-value
		Mean	CI (95%)	SD	Mean	CI (95%)	SD	
Group 1	3	0.18	-0.35-0.71	0.47	0.59	0.06-1.12	0.47	0.37
Group 2	13	0.30	0.09-0.52	0.39	0.75	0.61-0.89	0.26	< 0.05
Group 3	16	0.25	0.04-0.47	0.44	0.54	0.38-0.70	0.32	< 0.05
Group 4	17	0.34	0.20-0.48	0.29	0.70	0.56-0.85	0.30	< 0.05

# Domain Analysis

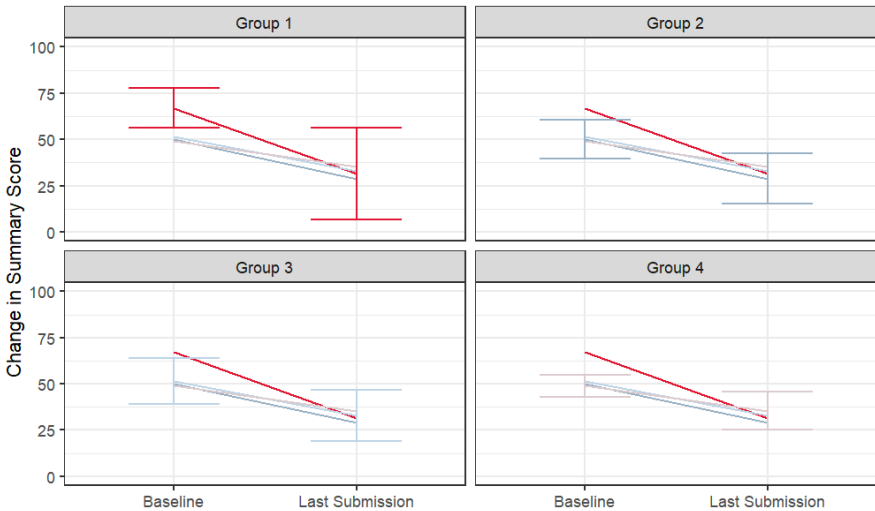


# Oswestry Disability Index Analysis

## Summary

Group	Patients	Baseline	≤ 3 Months	≤ 6 Months	≤ 1 Year	≤ 2 Years	> 2 Years	Mean	Range
Group 1	15	9	10	4	5	2	3	0.79	0.01-4.90
Group 2	27	25	13	6	7	10	13	1.30	0.04-5.34
Group 3	42	25	20	13	8	8	5	0.66	0.01-3.20
Group 4	48	35	26	17	14	17	15	1.05	0.01-5.34

## Index Score Analysis

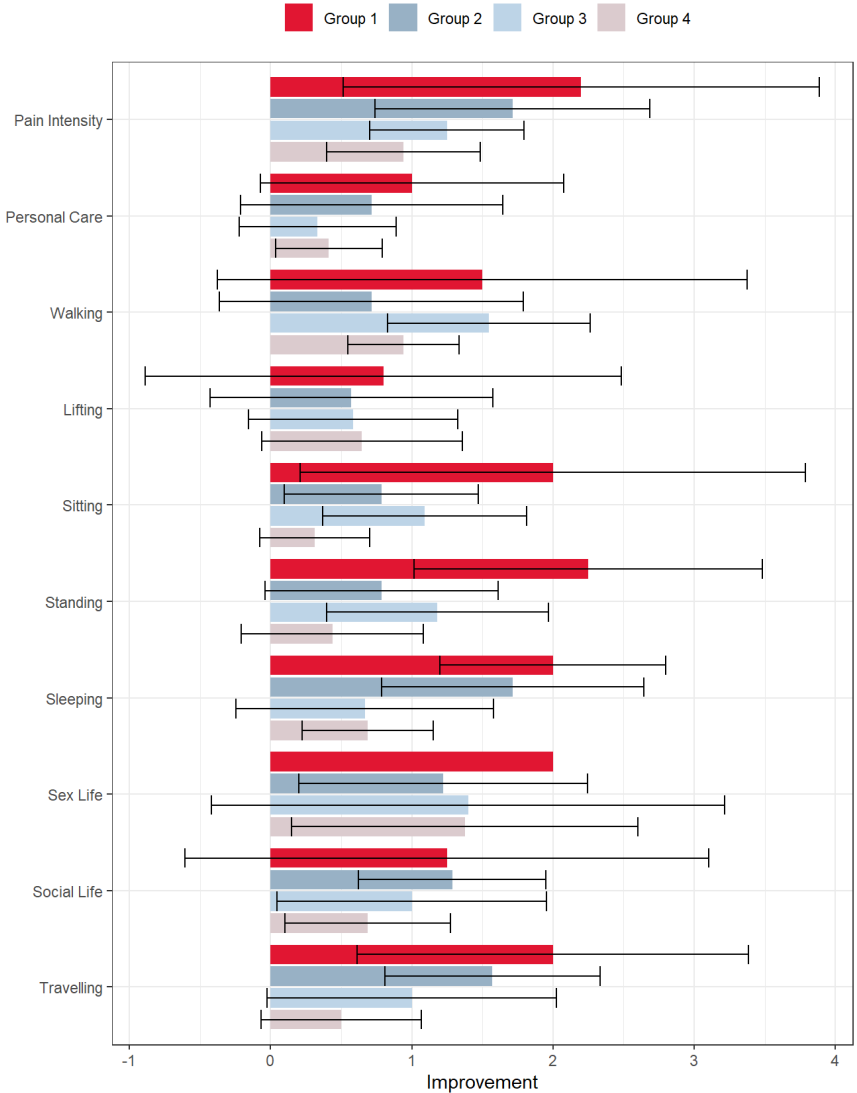


Error bars depict the 95% CI

Group	Paired Observations	Baseline			Last Submission			p-value
		Mean	CI (95%)	SD	Mean	CI (95%)	SD	
Group 1	4	67.00	56.32-77.68	10.89	31.50	6.57-56.43	25.44	0.10
Group 2	14	50.00	39.52-60.48	20.00	28.79	15.28-42.29	25.78	< 0.05
Group 3	11	51.55	39.20-63.89	20.89	32.82	19.04-46.60	23.32	< 0.05
Group 4	16	49.00	43.00-55.00	12.24	35.44	25.17-45.71	20.96	< 0.05



# Domain Analysis



Error bars represent the 95% CI

## Surgery Follow-up

A Surgery Follow-up form is completed by the examining surgeon. This section of the report is based upon the surgeon's clinical assessment.

### Summary

Group	Patients	6 Weeks	3 Months	6 Months	1 Year	2 Years	Other	Mean	Range
Group 1	35	25	11	1	8	3	2	0.53	0.10-4.90
Group 2	74	47	27	4	17	5	4	0.43	0.05-2.24
Group 3	110	67	35	17	28	7	8	0.49	0.07-2.63
Group 4	137	95	46	20	29	7	10	0.42	0.03-3.68

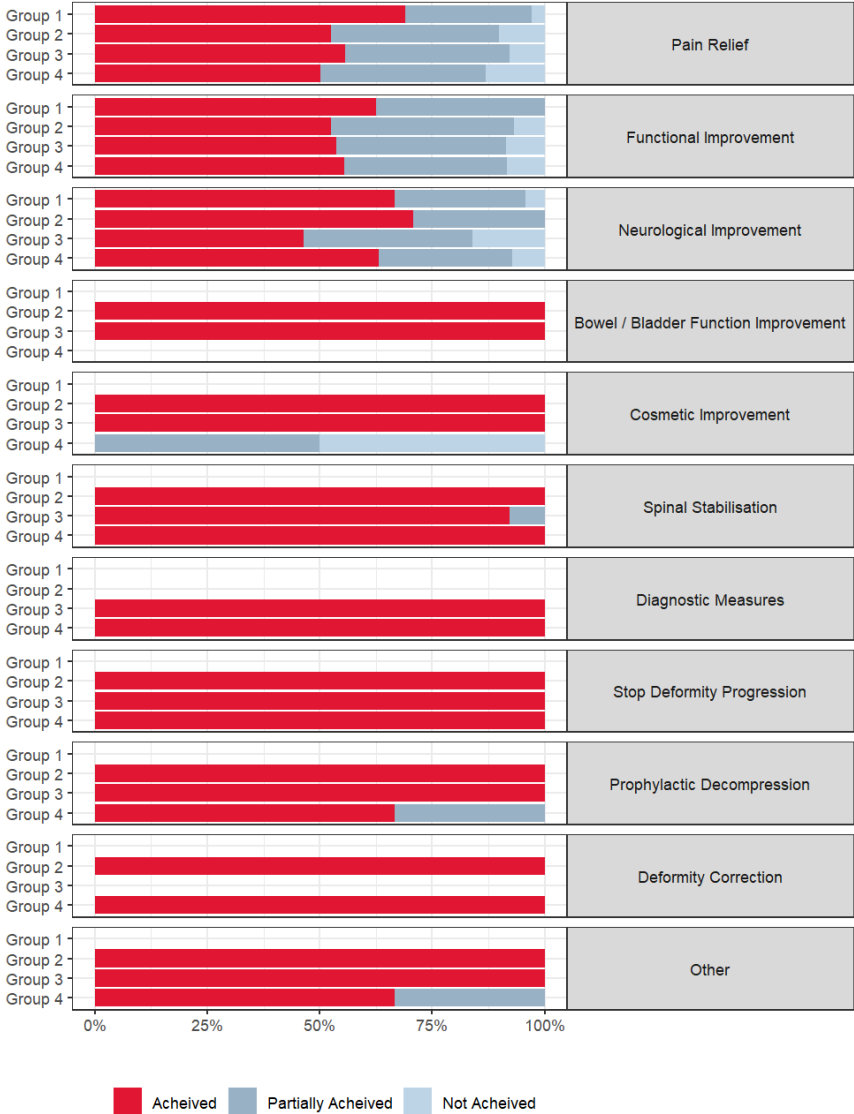
### Outcome

Outcome	Group 1	Group 2	Group 3	Group 4
Excellent	42.0% (21)	31.7% (33)	30.9% (50)	29.5% (61)
Good	52.0% (26)	45.2% (47)	46.3% (75)	40.6% (84)
Fair	6.0% (3)	15.4% (16)	14.8% (24)	23.2% (48)
Poor	0.0% (0)	6.7% (7)	6.8% (11)	6.3% (13)
Not Applicable	0.0% (0)	1.0% (1)	1.2% (2)	0.5% (1)

### Work Status

Work Status	Group 1	Group 2	Group 3	Group 4
Not at work since OP	26.0% (13)	30.8% (32)	22.2% (36)	25.1% (52)
Started partially, same job	2.0% (1)	7.7% (8)	6.8% (11)	9.2% (19)
Fully reintegrated	22.0% (11)	12.5% (13)	17.3% (28)	10.6% (22)
Resumed work, but quit again	2.0% (1)	1.0% (1)	0.0% (0)	0.0% (0)
Resumed work, different job	0.0% (0)	0.0% (0)	0.0% (0)	0.5% (1)
Has been dismissed	2.0% (1)	0.0% (0)	0.6% (1)	0.0% (0)
Retired since OP	0.0% (0)	0.0% (0)	1.2% (2)	2.9% (6)
Retired before OP	32.0% (16)	43.3% (45)	42.6% (69)	45.4% (94)
Housewife/man	14.0% (7)	1.0% (1)	5.6% (9)	2.4% (5)
Child/student	0.0% (0)	1.9% (2)	0.6% (1)	0.5% (1)
Other	0.0% (0)	1.9% (2)	3.1% (5)	3.4% (7)

# Therapeutic Goals



## Postoperative Complications

Complications?	Group 1	Group 2	Group 3	Group 4
No	96.0% (48)	94.2% (98)	94.4% (153)	88.9% (184)
Yes	4.0% (2)	5.8% (6)	5.6% (9)	11.1% (23)

Complication Type	Group 1	Group 2	Group 3	Group 4
Sensory dysfunction	2.0% (1)	1.9% (2)	1.2% (2)	1.9% (4)
Motor dysfunction	0.0% (0)	1.0% (1)	1.2% (2)	1.0% (2)
Bowel/ bladder dysfunction	0.0% (0)	0.0% (0)	0.6% (1)	0.0% (0)
Non-union	0.0% (0)	0.0% (0)	0.0% (0)	0.5% (1)
Implant failure	0.0% (0)	0.0% (0)	0.0% (0)	1.4% (3)
Instability	0.0% (0)	0.0% (0)	0.0% (0)	1.0% (2)
CSF leak/ pseudomeningocele	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
Wound infection superficial	0.0% (0)	1.0% (1)	0.6% (1)	0.0% (0)
Wound infection deep	0.0% (0)	1.0% (1)	0.0% (0)	1.0% (2)
Spondylitis	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
Discitis	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
Epidural hematoma	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
Extravertebral hematoma	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
Wrong level	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
Implant malposition	0.0% (0)	0.0% (0)	0.6% (1)	0.5% (1)
Recurrence of symptoms	0.0% (0)	1.0% (1)	1.2% (2)	1.0% (2)
Graft complication	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
Internal medicine	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
Sequelae anaesthesia	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
Adjac. segment pathology	0.0% (0)	0.0% (0)	0.6% (1)	1.0% (2)
Recurrent tumor	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
Decompensation of spine	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
Cardiovascular	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
Gastrointestinal	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
Central nervous system	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
Fracture vertebral structures	0.0% (0)	0.0% (0)	0.0% (0)	0.5% (1)
Thromboembolism	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
Other	2.0% (1)	1.9% (2)	2.5% (4)	2.4% (5)
None	96.0% (48)	94.2% (98)	94.4% (153)	88.9% (184)

# Complication Time



# Reoperation Analysis

## Summary

Number of Reoperations at Any Level	9
Number of Reoperations at the Same Level	2

## Cumulative Reoperation Rates

Time (Years)	At Risk	Any Level		Same Level	
		Reoperations	CRR (95% CI)	Reoperations	CRR (95% CI)
0	100	0	0.0% (0.0%-0.0%)	0	0.0% (0.0%-0.0%)
1	95	5	5.0% (0.6%-9.2%)	2	2.0% (0.0%-4.8%)
2	92	3	8.0% (2.5%-13.2%)	0	2.0% (0.0%-4.8%)
3	83	1	9.1% (3.2%-14.6%)	0	2.0% (0.0%-4.8%)
4	74	0	9.1% (3.2%-14.6%)	0	2.0% (0.0%-4.8%)
5	66	0	9.1% (3.2%-14.6%)	0	2.0% (0.0%-4.8%)
6	60	0	9.1% (3.2%-14.6%)	0	2.0% (0.0%-4.8%)
7	53	0	9.1% (3.2%-14.6%)	0	2.0% (0.0%-4.8%)
8	47	0	9.1% (3.2%-14.6%)	0	2.0% (0.0%-4.8%)
9	37	0	9.1% (3.2%-14.6%)	0	2.0% (0.0%-4.8%)
10	28	0	9.1% (3.2%-14.6%)	0	2.0% (0.0%-4.8%)
11	24	0	9.1% (3.2%-14.6%)	0	2.0% (0.0%-4.8%)
12	19	0	9.1% (3.2%-14.6%)	0	2.0% (0.0%-4.8%)
13	8	0	9.1% (3.2%-14.6%)	0	2.0% (0.0%-4.8%)
14	4	0	9.1% (3.2%-14.6%)	0	2.0% (0.0%-4.8%)
15	2	0	9.1% (3.2%-14.6%)	0	2.0% (0.0%-4.8%)

## Reasons for Reoperation

Reason for Reoperation	Any Level			Same Level		
	Percent (Count)	Mean (Years)	Range (Years)	Percent (Count)	Mean (Years)	Range (Years)
Adjacent Segment Pathology	11.1% (1)	1.31	1.31-1.31	0.0% (0)	Undefined	Undefined
Unknown	88.9% (8)	1.09	0.33-3.00	100.0% (2)	0.65	0.34-0.96

# Appendix A - Component List

Supplier	Description	Article Number	Lot Number	Number Implanted
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