Loss of alignment

Initial Patients: 372

With Posterior Instrumented Fusion: 348

Posterior Instrumental Fusion is Iliac: 134

Differences smaller than 10º in 6W-2Y Lordosis (top of L1-S1): 112

Without complications (PJK, PJF, DJK, DJF) ever after surgery: 81

Demographics

```
Age
Age - mean
All
[1] 61.95


Gender
Gender - table
All
variable
Female   Male
    68     13
Gender - proportion
All
variable
   Female       Male
0.8395062 0.1604938


Prior Spine Surgery
Prior Spine Surgery - table
All
variable
 No Yes
 46  35
Prior Spine Surgery - proportion
All
variable
       No       Yes
0.5679012 0.4320988


Height (cm)_First Visit
Height (cm)_First Visit - mean
All
```

```
[1] 161.79


Weight (kgs)_First Visit
Weight (kgs)_First Visit - mean
All
[1] 66.33


BMI_First Visit
BMI_First Visit - mean
All
[1] 25.23


ASA classification
ASA classification - table
All
variable
 1  2  3
15 56 10
ASA classification - proportion
All
variable
        1         2         3
0.1851852 0.6913580 0.1234568


Tobacco use_First Visit
Tobacco use_First Visit - table
All
variable
 Current        Ex Non-User
     19        18       44
Tobacco use_First Visit - proportion
All
variable
  Current        Ex  Non-User
0.2345679 0.2222222 0.5432099


ESSG Diagnosis
ESSG Diagnosis - table
All
variable
    Congenital    Degenerative      Failed-back      Idiopathic  Neuromuscular
             3              36               9              26              3
Post-traumatic        Syndromic
             3               1
ESSG Diagnosis - proportion
All
variable
    Congenital    Degenerative      Failed-back      Idiopathic  Neuromuscular
    0.03703704      0.44444444      0.11111111      0.32098765      0.03703704
```

```
Post-traumatic      Syndromic
   0.03703704    0.01234568
```

Radiology

```
Static Major curve Cobb angle
Static Major curve Cobb angle - mean
All
[1] 41.11


6W. Static Major curve Cobb angle
6W. Static Major curve Cobb angle - mean
All
[1] 24.07


6M. Static Major curve Cobb angle
6M. Static Major curve Cobb angle - mean
All
[1] 22.32


1Y. Static Major curve Cobb angle
1Y. Static Major curve Cobb angle - mean
All
[1] 20.23


2Y. Static Major curve Cobb angle
2Y. Static Major curve Cobb angle - mean
All
[1] 19.08


5Y. Static Major curve Cobb angle
5Y. Static Major curve Cobb angle - mean
All
[1] 24.77


Static Major curve Cobb angle tests
Preop vs 6w p-value
6.31094e-07

Preop vs 2y p-value
2.242062e-10

Preop vs 5y p-value
2.120188e-05

6w vs 2y p-value
0.07119017
```

```
2y vs 5y p-value
0.08058034

6w vs 5y p-value
0.8326101

Coronal Balance (C7PL to CSVL)
Coronal Balance (C7PL to CSVL) - mean
All
[1] 30.49


6W. Coronal Balance (C7PL to CSVL)
6W. Coronal Balance (C7PL to CSVL) - mean
All
[1] 20.18


6M. Coronal Balance (C7PL to CSVL)
6M. Coronal Balance (C7PL to CSVL) - mean
All
[1] 21.22


1Y. Coronal Balance (C7PL to CSVL)
1Y. Coronal Balance (C7PL to CSVL) - mean
All
[1] 21.86


2Y. Coronal Balance (C7PL to CSVL)
2Y. Coronal Balance (C7PL to CSVL) - mean
All
[1] 21.04


5Y. Coronal Balance (C7PL to CSVL)
5Y. Coronal Balance (C7PL to CSVL) - mean
All
[1] 30.43


Coronal Balance (C7PL to CSVL) tests
Preop vs 6w p-value
0.003176821

Preop vs 2y p-value
0.01212645

Preop vs 5y p-value
0.9894757

6w vs 2y p-value
```

0.7563485

2y vs 5y p-value
0.02813677

6w vs 5y p-value
0.01164552

Sagittal Balance
Sagittal Balance - mean
All
[1] 74.48

6W. Sagittal Balance
6W. Sagittal Balance - mean
All
[1] 23.73

6M. Sagittal Balance
6M. Sagittal Balance - mean
All
[1] 18.73

1Y. Sagittal Balance
1Y. Sagittal Balance - mean
All
[1] 23.48

2Y. Sagittal Balance
2Y. Sagittal Balance - mean
All
[1] 33.43

5Y. Sagittal Balance
5Y. Sagittal Balance - mean
All
[1] 34.87

Sagittal Balance tests
Preop vs 6w p-value
9.051812e-10

Preop vs 2y p-value
4.357273e-06

Preop vs 5y p-value
0.0005922464

```
6w vs 2y p-value
0.1251642

2y vs 5y p-value
0.8886877

6w vs 5y p-value
0.2422507

Sagittal T2-T5
Sagittal T2-T5 - mean
All
[1] 9.56


6W. Sagittal T2-T5
6W. Sagittal T2-T5 - mean
All
[1] 14.2


6M. Sagittal T2-T5
6M. Sagittal T2-T5 - mean
All
[1] 12.59


1Y. Sagittal T2-T5
1Y. Sagittal T2-T5 - mean
All
[1] 11.79


2Y. Sagittal T2-T5
2Y. Sagittal T2-T5 - mean
All
[1] 11.76


5Y. Sagittal T2-T5
5Y. Sagittal T2-T5 - mean
All
[1] 13.96


Sagittal T2-T5 tests
Preop vs 6w p-value
0.0008314383

Preop vs 2y p-value
0.08875798

Preop vs 5y p-value
0.01067862
```

6w vs 2y p-value
0.08199945

2y vs 5y p-value
0.2005279

6w vs 5y p-value
0.8896984

Sagittal T5-T12
Sagittal T5-T12 - mean
All
[1] 28.69

6W. Sagittal T5-T12
6W. Sagittal T5-T12 - mean
All
[1] 33.79

6M. Sagittal T5-T12
6M. Sagittal T5-T12 - mean
All
[1] 37.11

1Y. Sagittal T5-T12
1Y. Sagittal T5-T12 - mean
All
[1] 36.32

2Y. Sagittal T5-T12
2Y. Sagittal T5-T12 - mean
All
[1] 37.65

5Y. Sagittal T5-T12
5Y. Sagittal T5-T12 - mean
All
[1] 40.9

Sagittal T5-T12 tests
Preop vs 6w p-value
0.061763

Preop vs 2y p-value
0.001660279

Preop vs 5y p-value

0.000611522

6w vs 2y p-value
0.1153285

2y vs 5y p-value
0.315819

6w vs 5y p-value
0.02694557

Sagittal T2-T12
Sagittal T2-T12 - mean
All
[1] 34.42

6W. Sagittal T2-T12
6W. Sagittal T2-T12 - mean
All
[1] 43.61

6M. Sagittal T2-T12
6M. Sagittal T2-T12 - mean
All
[1] 47.05

1Y. Sagittal T2-T12
1Y. Sagittal T2-T12 - mean
All
[1] 44.26

2Y. Sagittal T2-T12
2Y. Sagittal T2-T12 - mean
All
[1] 44.45

5Y. Sagittal T2-T12
5Y. Sagittal T2-T12 - mean
All
[1] 49.3

Sagittal T2-T12 tests
Preop vs 6w p-value
0.0008399962

Preop vs 2y p-value
0.0004577813

```
Preop vs 5y p-value
2.044699e-05


6w vs 2y p-value
0.7399216


2y vs 5y p-value
0.1279878


6w vs 5y p-value
0.06756269


Lordosis (top of L1-S1)
Lordosis (top of L1-S1) - mean
All
[1] -33.86



6W. Lordosis (top of L1-S1)
6W. Lordosis (top of L1-S1) - mean
All
[1] -52.86



6M. Lordosis (top of L1-S1)
6M. Lordosis (top of L1-S1) - mean
All
[1] -52.16



1Y. Lordosis (top of L1-S1)
1Y. Lordosis (top of L1-S1) - mean
All
[1] -50.01



2Y. Lordosis (top of L1-S1)
2Y. Lordosis (top of L1-S1) - mean
All
[1] -50.41



5Y. Lordosis (top of L1-S1)
5Y. Lordosis (top of L1-S1) - mean
All
[1] -50.11



Lordosis (top of L1-S1) tests
Preop vs 6w p-value
1.484827e-12


Preop vs 2y p-value
5.532406e-10
```

```
Preop vs 5y p-value
1.643226e-08


6w vs 2y p-value
0.244915


2y vs 5y p-value
0.8950094


6w vs 5y p-value
0.2349949


Pelvic Incidence
Pelvic Incidence - mean
All
[1] 56.03



6W. Pelvic Incidence
6W. Pelvic Incidence - mean
All
[1] 56.26



6M. Pelvic Incidence
6M. Pelvic Incidence - mean
All
[1] 56.23



1Y. Pelvic Incidence
1Y. Pelvic Incidence - mean
All
[1] 55.33



2Y. Pelvic Incidence
2Y. Pelvic Incidence - mean
All
[1] 55.05



5Y. Pelvic Incidence
5Y. Pelvic Incidence - mean
All
[1] 55.02



Pelvic Incidence tests
Preop vs 6w p-value
0.9109157


Preop vs 2y p-value
```

0.6417229

Preop vs 5y p-value
0.6804205

6w vs 2y p-value
0.5631833

2y vs 5y p-value
0.9886598

6w vs 5y p-value
0.6117949

Pelvic Tilt
Pelvic Tilt - mean
All
[1] 26.38

6W. Pelvic Tilt
6W. Pelvic Tilt - mean
All
[1] 18.95

6M. Pelvic Tilt
6M. Pelvic Tilt - mean
All
[1] 21.33

1Y. Pelvic Tilt
1Y. Pelvic Tilt - mean
All
[1] 21.98

2Y. Pelvic Tilt
2Y. Pelvic Tilt - mean
All
[1] 21.25

5Y. Pelvic Tilt
5Y. Pelvic Tilt - mean
All
[1] 22.63

Pelvic Tilt tests
Preop vs 6w p-value
2.001288e-06

```
Preop vs 2y p-value
0.0005977822

Preop vs 5y p-value
0.05087652

6w vs 2y p-value
0.1030907

2y vs 5y p-value
0.450312

6w vs 5y p-value
0.05004852

Sacral Slope
Sacral Slope - mean
All
[1] 29.61


6W. Sacral Slope
6W. Sacral Slope - mean
All
[1] 37.41


6M. Sacral Slope
6M. Sacral Slope - mean
All
[1] 34.89


1Y. Sacral Slope
1Y. Sacral Slope - mean
All
[1] 33.33


2Y. Sacral Slope
2Y. Sacral Slope - mean
All
[1] 34.17


5Y. Sacral Slope
5Y. Sacral Slope - mean
All
[1] 32.39


Sacral Slope tests
Preop vs 6w p-value
2.983184e-06
```

Preop vs 2y p-value
0.004452547

Preop vs 5y p-value
0.09424787

6w vs 2y p-value
0.04495864

2y vs 5y p-value
0.2775048

6w vs 5y p-value
0.003215771

RLL
RLL - mean
All
[1] -29.88

6W. RLL
6W. RLL - mean
All
[1] -10.97

6M. RLL
6M. RLL - mean
All
[1] -11.7

1Y. RLL
1Y. RLL - mean
All
[1] -13.29

2Y. RLL
2Y. RLL - mean
All
[1] -12.57

5Y. RLL
5Y. RLL - mean
All
[1] -13.01

RLL tests
Preop vs 6w p-value

```
4.155988e-14

Preop vs 2y p-value
2.838507e-12

Preop vs 5y p-value
3.095063e-09

6w vs 2y p-value
0.389803

2y vs 5y p-value
0.8456667

6w vs 5y p-value
0.3688521

Global Tilt
Global Tilt - mean
All
[1] 34.93


6W. Global Tilt
6W. Global Tilt - mean
All
[1] 20


6M. Global Tilt
6M. Global Tilt - mean
All
[1] 21.79


1Y. Global Tilt
1Y. Global Tilt - mean
All
[1] 23.01


2Y. Global Tilt
2Y. Global Tilt - mean
All
[1] 24.3


5Y. Global Tilt
5Y. Global Tilt - mean
All
[1] 25.92


Global Tilt tests
```

```
Preop vs 6w p-value
2.371706e-10


Preop vs 2y p-value
6.767724e-06


Preop vs 5y p-value
0.00457506


6w vs 2y p-value
0.02163461


2y vs 5y p-value
0.5738265


6w vs 5y p-value
0.03827441


T1 Sagittal Tilt
T1 Sagittal Tilt - mean
All
[1] 0.46



6W. T1 Sagittal Tilt
6W. T1 Sagittal Tilt - mean
All
[1] -3.69



6M. T1 Sagittal Tilt
6M. T1 Sagittal Tilt - mean
All
[1] -4.08



1Y. T1 Sagittal Tilt
1Y. T1 Sagittal Tilt - mean
All
[1] -4.25



2Y. T1 Sagittal Tilt
2Y. T1 Sagittal Tilt - mean
All
[1] -3.28



5Y. T1 Sagittal Tilt
5Y. T1 Sagittal Tilt - mean
All
[1] -2.23
```

```
T1 Sagittal Tilt tests
Preop vs 6w p-value
6.338175e-06


Preop vs 2y p-value
0.0001030406


Preop vs 5y p-value
0.04808163


6w vs 2y p-value
0.5302802


2y vs 5y p-value
0.3894347


6w vs 5y p-value
0.2158948

Thoracolumbar L2-T10
Thoracolumbar L2-T10 - mean
All
[1] 7.01



6W. Thoracolumbar L2-T10
6W. Thoracolumbar L2-T10 - mean
All
[1] 6.81



6M. Thoracolumbar L2-T10
6M. Thoracolumbar L2-T10 - mean
All
[1] 6.46



1Y. Thoracolumbar L2-T10
1Y. Thoracolumbar L2-T10 - mean
All
[1] 5.71



2Y. Thoracolumbar L2-T10
2Y. Thoracolumbar L2-T10 - mean
All
[1] 5.46



5Y. Thoracolumbar L2-T10
5Y. Thoracolumbar L2-T10 - mean
All
[1] 4.26
```

```
Thoracolumbar L2-T10 tests
Preop vs 6w p-value
0.9411499

Preop vs 2y p-value
0.5682189

Preop vs 5y p-value
0.3577141

6w vs 2y p-value
0.4761832

2y vs 5y p-value
0.6170826

6w vs 5y p-value
0.2625643

RSA
RSA - mean
All
[1] 23.03


6W. RSA
6W. RSA - mean
All
[1] 7.89


6M. RSA
6M. RSA - mean
All
[1] 9.79


1Y. RSA
1Y. RSA - mean
All
[1] 11.4


2Y. RSA
2Y. RSA - mean
All
[1] 12.66


5Y. RSA
5Y. RSA - mean
All
[1] 14.51
```

```
RSA tests
Preop vs 6w p-value
7.955734e-14

Preop vs 2y p-value
1.463142e-07

Preop vs 5y p-value
0.0008939204

6w vs 2y p-value
0.0008648407

2y vs 5y p-value
0.4042442

6w vs 5y p-value
0.003151743

RPV
RPV - mean
All
[1] -12.45


6W. RPV
6W. RPV - mean
All
[1] -4.78


6M. RPV
6M. RPV - mean
All
[1] -7.28


1Y. RPV
1Y. RPV - mean
All
[1] -8.31


2Y. RPV
2Y. RPV - mean
All
[1] -7.31


5Y. RPV
5Y. RPV - mean
All
```

```
[1] -9.07


RPV tests
Preop vs 6w p-value
1.184489e-09

Preop vs 2y p-value
1.051291e-05

Preop vs 5y p-value
0.01314651

6w vs 2y p-value
0.02426164

2y vs 5y p-value
0.1678561

6w vs 5y p-value
0.001632441
```

Quality of Life

```
ODI - Score (%)
ODI - Score (%) - mean
All
[1] 44.87


6M. ODI - Score (%)
6M. ODI - Score (%) - mean
All
[1] 29.81


1Y. ODI - Score (%)
1Y. ODI - Score (%) - mean
All
[1] 29.14


2Y. ODI - Score (%)
2Y. ODI - Score (%) - mean
All
[1] 31.11


5Y. ODI - Score (%)
5Y. ODI - Score (%) - mean
All
[1] 35.22
```

```
ODI - Score (%) tests
Preop vs 6m p-value
3.99411e-07

Preop vs 2y p-value
4.82795e-05


Preop vs 5y p-value
0.009285463
2y vs 5y p-value
0.3088295

6w vs 5y p-value
1.79238e-19

SRS22 - Function / Activity
SRS22 - Function / Activity - mean
All
[1] 2.76


6M. SRS22 - Function / Activity
6M. SRS22 - Function / Activity - mean
All
[1] 3.1


1Y. SRS22 - Function / Activity
1Y. SRS22 - Function / Activity - mean
All
[1] 3.2


2Y. SRS22 - Function / Activity
2Y. SRS22 - Function / Activity - mean
All
[1] 3.33


5Y. SRS22 - Function / Activity
5Y. SRS22 - Function / Activity - mean
All
[1] 3.2


SRS22 - Function / Activity tests
Preop vs 6m p-value
0.00301166

Preop vs 2y p-value
1.760764e-05
```

```
Preop vs 5y p-value
0.003540498
2y vs 5y p-value
0.4359908

6w vs 5y p-value
8.808013e-15

SRS22 - Pain
SRS22 - Pain - mean
All
[1] 2.31


6M. SRS22 - Pain
6M. SRS22 - Pain - mean
All
[1] 3.45


1Y. SRS22 - Pain
1Y. SRS22 - Pain - mean
All
[1] 3.6


2Y. SRS22 - Pain
2Y. SRS22 - Pain - mean
All
[1] 3.41


5Y. SRS22 - Pain
5Y. SRS22 - Pain - mean
All
[1] 3.19


SRS22 - Pain tests
Preop vs 6m p-value
3.834384e-14

Preop vs 2y p-value
3.735844e-10


Preop vs 5y p-value
1.448376e-06
2y vs 5y p-value
0.2801261

6w vs 5y p-value
9.722945e-15
```

```
SRS22 - Self image / Appearance
SRS22 - Self image / Appearance - mean
All
[1] 2.05


6M. SRS22 - Self image / Appearance
6M. SRS22 - Self image / Appearance - mean
All
[1] 3.47


1Y. SRS22 - Self image / Appearance
1Y. SRS22 - Self image / Appearance - mean
All
[1] 3.5


2Y. SRS22 - Self image / Appearance
2Y. SRS22 - Self image / Appearance - mean
All
[1] 3.39


5Y. SRS22 - Self image / Appearance
5Y. SRS22 - Self image / Appearance - mean
All
[1] 3.24


SRS22 - Self image / Appearance tests
Preop vs 6m p-value
2.11428e-23

Preop vs 2y p-value
3.901873e-19


Preop vs 5y p-value
3.402989e-12
2y vs 5y p-value
0.3721003

6w vs 5y p-value
7.163053e-15

SRS22 - Mental health
SRS22 - Mental health - mean
All
[1] 2.98


6M. SRS22 - Mental health
```

```
6M. SRS22 - Mental health - mean
All
[1] 3.52


1Y. SRS22 - Mental health
1Y. SRS22 - Mental health - mean
All
[1] 3.62


2Y. SRS22 - Mental health
2Y. SRS22 - Mental health - mean
All
[1] 3.49


5Y. SRS22 - Mental health
5Y. SRS22 - Mental health - mean
All
[1] 3.39


SRS22 - Mental health tests
Preop vs 6m p-value
0.0002260148

Preop vs 2y p-value
0.001005481


Preop vs 5y p-value
0.01681987
2y vs 5y p-value
0.6059316

6w vs 5y p-value
3.1581e-15

SRS22 - SRS Subtotal score
SRS22 - SRS Subtotal score - mean
All
[1] 2.53


6M. SRS22 - SRS Subtotal score
6M. SRS22 - SRS Subtotal score - mean
All
[1] 3.39


1Y. SRS22 - SRS Subtotal score
1Y. SRS22 - SRS Subtotal score - mean
All
```

```
[1] 3.49



2Y. SRS22 - SRS Subtotal score
2Y. SRS22 - SRS Subtotal score - mean
All
[1] 3.4



5Y. SRS22 - SRS Subtotal score
5Y. SRS22 - SRS Subtotal score - mean
All
[1] 3.26



SRS22 - SRS Subtotal score tests
Preop vs 6m p-value
7.998537e-15

Preop vs 2y p-value
9.640517e-12


Preop vs 5y p-value
6.500786e-07
2y vs 5y p-value
0.3514938

6w vs 5y p-value
6.450725e-15

SF36 - PCS
SF36 - PCS - mean
All
[1] 33.28



6M. SF36 - PCS
6M. SF36 - PCS - mean
All
[1] 39.02



1Y. SF36 - PCS
1Y. SF36 - PCS - mean
All
[1] 39.62



2Y. SF36 - PCS
2Y. SF36 - PCS - mean
All
[1] 40.2
```

```
5Y. SF36 - PCS
5Y. SF36 - PCS - mean
All
[1] 38.31


SF36 - PCS tests
Preop vs 6m p-value
3.995957e-05

Preop vs 2y p-value
3.997679e-06


Preop vs 5y p-value
0.003418257
2y vs 5y p-value
0.3081968

6w vs 5y p-value
3.470473e-45

SF36 - MCS
SF36 - MCS - mean
All
[1] 41.44


6M. SF36 - MCS
6M. SF36 - MCS - mean
All
[1] 46.86


1Y. SF36 - MCS
1Y. SF36 - MCS - mean
All
[1] 47.09


2Y. SF36 - MCS
2Y. SF36 - MCS - mean
All
[1] 45.92


5Y. SF36 - MCS
5Y. SF36 - MCS - mean
All
[1] 44.34


SF36 - MCS tests
```

```
Preop vs 6m p-value
0.009002054

Preop vs 2y p-value
0.03025966


Preop vs 5y p-value
0.1982306
2y vs 5y p-value
0.4773596

6w vs 5y p-value
1.216433e-42
```

Surgery

```
Total Operative Blood Loss st1+st2+st3
Total Operative Blood Loss st1+st2+st3 - mean
All
[1] 1981.61


Total surgical time st1+st2+st3
Total surgical time st1+st2+st3 - mean
All
[1] 316.64


Number of Posterior Instrumented Levels
Number of Posterior Instrumented Levels - mean
All
[1] 10.46


Pelvic fixation
Pelvic fixation - table
All
variable
Yes
 81
Pelvic fixation - proportion
All
variable
Yes
  1


Surgical Approach
Surgical Approach - table
All
variable
        Anterior-Posterior                Posterior
```

```
                              1                              72
         Posterior-Anterior Posterior-Posterior-Anterior
                              7                              1
Surgical Approach - proportion
All
variable
         Anterior-Posterior                      Posterior
                 0.01234568                     0.88888889
         Posterior-Anterior Posterior-Posterior-Anterior
                 0.08641975                     0.01234568


Number of Interbody Fusions
Number of Interbody Fusions - mean
All
[1] 1.14


Decompression
Decompression - table
All
variable
 No Yes
 59  22
Decompression - proportion
All
variable
        No       Yes
0.7283951 0.2716049


Interbody Fusion
Interbody Fusion - table
All
variable
 No Yes
 33  48
Interbody Fusion - proportion
All
variable
        No       Yes
0.4074074 0.5925926


Osteotomy
Osteotomy - table
All
variable
 No Yes
 35  46
Osteotomy - proportion
All
variable
        No       Yes
```

```
0.4320988 0.5679012


3CO
3CO - table
All
variable
 No Yes
 57  24
3CO - proportion
All
variable
        No       Yes
0.7037037 0.2962963
```

Complications

Number of reinterventions: 41

```
   Complication Impact  N
1:  Minor Complication 75
2:  Major Complication 54
3:       Adverse Event  1


           Category of the complication  N
1:            Mechanical complications 57
2:               Other complications 30
3:                         Iatrogenic 16
4:                               Pain  5
5: Peripheral neurologic complications 15
6:             Infectious complications  7
```

Category of Complication for Major Complications

```
           Category of the complication  N
1:                 Other complications  9
2:            Mechanical complications 29
3:             Infectious complications  7
4:                         Iatrogenic  3
5: Peripheral neurologic complications  2
6:                               Pain  4
```

Number of patients in Complications

Number of patients with reinterventions: 22

```
   Complication Impact patients_complications
1:  Minor Complication                     43
2:  Major Complication                     28
3:       Adverse Event                      1
```

```
         Category of the complication patients_complications
1:          Mechanical complications                      37
2:              Other complications                      18
3:                       Iatrogenic                      13
4:                             Pain                       5
5: Peripheral neurologic complications                   14
6:          Infectious complications                      6
```

Category of Complication for Major Complications

```
         Category of the complication patients_complications
1:              Other complications                       7
2:          Mechanical complications                     15
3:          Infectious complications                      6
4:                       Iatrogenic                       3
5: Peripheral neurologic complications                    2
6:                             Pain                        4
```