**Table 1. Patient demographics, common comorbidities and levels treated.**

|  |  |
| --- | --- |
| Mean age at surgery | 61 (s.d. 13) years |
| Gender (M:F) | 11:12 |
| Diabetes  | 13.0% |
| Smoking | 13.0% |
| Hypertension | 47.8% |
| Previous spine surgery | 34.8% |
| Pure XLIF | 65.2% |
| Total number of levels fixed | 42 |
| * L1/2
 | 3 |
| * L2/3
 | 8 |
| * L3/4
 | 14 |
| * L4/5
 | 17 |

**Table 2. Frequency of primary diagnoses.**

|  |  |
| --- | --- |
| Primary diagnoses  | Frequency |
| Sciatica | 13 |
| Degenerative scoliosis | 8 |
| Disc failure | 4 |
| Degenerative spondylolisthesis  | 2 |
| Broken metal work | 1 |
| Presence of back pain | 18 |
| Presence of leg pain | 16 |

**Table 3. Frequency of pre-operative radiological abnormalities.**

|  |  |
| --- | --- |
| Radiological evidence  | Frequency |
| Spinal stenosis (CC, LR, NF) | 21 |
| Spondylolisthesis  | 17 |
| Scoliosis | 10 |
| No pathology  | 1  |
| * 1 pathology
 | 4 |
| * 2 pathologies
 | 11 |
| * 3 pathologies
 | 7 |
| Disc Height Loss  | 11 |
| * L1/2
 | 1 |
| * L2/3
 | 3 |
| * L3/4
 | 3 |
| * L4/5
 | 5 |
| * L5/S1
 | 2 |

**Table 4. Frequency of MRI findings of stenosis or other abnormalities.**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | L1/2 | L2/3 | L3/4 | L4/5 | L5/S1 | TOTAL |
| Neural Foramen | 2 | 4 | 2 | 12 | 5 | **25** |
| Central Canal |  | 1 | 6 | 6 |  | **13** |
| Lateral Recess | 1 | 2 | 5 | 12 | 1 | **21** |
| Disc Bulge | 1 | 2 | 1 | 6 | 4 | **14** |
| Fracture # | 1 | 2 | 1 |  |  | **4** |
| Facet Degeneration | 1 | 1 | 1 | 1 | 1 | **5** |
| Spondylolisthesis |  | 2 | 5 | 7 | 2 | **16** |
| Pars defect |  |  | 1 |  |  | **1** |
| Pseudoarthritis  |  |  |  | 1 |  | **1** |
| Fusion |  |  |  | 1 | 1 | **2** |
| Cyst |  |  | 1 | 3 |  | **4** |
| Schmorl’s Nodes |  |  |  | 1 | 1 | **2** |
| TOTAL | **6** | **14** | **23** | **50** | **15** | **108** |

**Table 5. Frequency of complications after surgery.**

|  |  |
| --- | --- |
| **Complication** | **Frequency** |
| Numbness | 11 |
| Pain | 6 |
| Imbalance from altered sensation | 3 |
| Infection | 1 |
| Footdrop | 1 |
| Dysaesthesia | 1 |
| Psoas haematoma | 1 |
| Anaemia needing blood transfusion | 1 |