Table S3 Radiographic measures of the patients of OLIF and MI-TLIF groups

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| --- | --- | --- | --- |
|  | OLIF | MI-TLIF | P value; t/2 value |
| DH restoration (mm) |  |  |  |
| 1 day postoperatively | 4.7±2.1 | 3.7±2.0 | P=0.010; t=2.618 |
| 1month postoperatively | 4.6±2.1 | 3.7±2.0 | P=0.009; t=2.650 |
| 12 months postoperatively | 4.7±2.0 | 3.7±1.9 | P=0.004; t=2.913 |
| SLA restoration (°) |  |  |  |
| 1 day postoperatively | 5.2±2.4 | 4.4±2.4 | P=0.058; t=1.911 |
| 1month postoperatively | 5.1±2.7 | 4.4±2.2 | P=0.065; t=1.860 |
| 12 months postoperatively | 5.2±2.6 | 4.5±2.1 | P=0.087; t=1.727 |
| LLA restoration (°) |  |  |  |
| 1 day postoperatively | 10.5±7.7 | 5.8±4.5 | P=0.000; t=4.185 |
| 1month postoperatively | 10.8±7.3 | 5.7±3.3 | P=0.000; t=5.118 |
| 12 months postoperatively | 11.1±6.5 | 5.3±2.3 | P=0.000; t=6.608 |
| Fusion rate (%) | 98.5 | 98.4 | P=0.614; 2 =0.254 |

Note: DH, disc height; SLA, segmental lordosis angle; LLA, lumbar lordosis angle.