Supplement Table 1. The association of treatment modalities and clinical outcomes.

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| --- | --- | --- | --- |
| Factors | | | P (Fisher’s) |
| **Local control rate (n=24)** | | | |
| Surgical technique | Open | AS |  |
|  | 14/19 | 0/5 | 0.006 |
| Adjuvant RT | Yes | No |  |
|  | 11/14 | 3/10 | 0.035 |
| **WOMAC score >90 (n=19)** | | | |
| Surgical technique | Open | AS |  |
|  | 10/15 | 1/4 | 0.262 |
| Adjuvant RT | Yes | No |  |
|  | 8/13 | 3/6 | 1.000 |
| **Stiffness score 7-8 (n=23)** | | | |
| Surgical technique | Open | AS |  |
|  | 12/18 | 2/5 | 0.343 |
| Adjuvant RT | Yes | No |  |
|  | 8/14 | 6/9 | 1.000 |