**e-Table 1: Change in patient-reported outcomes**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **RVHR (n=60)** | **LVHR (n=53)** | **p-value** |
| **Change in functional status (mAAS) score1** |  |  |  |
| Worsened (≤-7) | 5 (8%) | 3 (6%) | 0.652 |
| No change  | 8 (13%) | 10 (19%) |
| Improved (≥7) | 47 (78%) | 40 (75%) |
|  |  |  |  |
| **Change in pain score2** |  |  |  |
| Worsened (≤-1) | 20 (33%) | 18 (34%) | 0.522 |
| No change | 10 (17%) | 13 (25%) |
| Improved (≥1) | 30 (50%) | 22 (42%) |

RVHR robotic ventral hernia repair

LVHR laparoscopic ventral hernia repair

mAAS modified activities assessment scale

1Functional status score ranges from 1=poor to 100=perfect, minimal clinically important difference=7

2Pain score ranges from 1=no pain to 10=severe pain, minimal clinically important difference=1