Supplemental Figure 1. Study Population: Intention to Treat for Hernia Recurrence at 24 Months.

104 patients repaired (ITT)

6 patients refused to return
5 patients died
5 patients had midline reoperations
1 study termination due to illness

87 patients evaluated for hernia recurrence at 24 months
Supplemental Figure 2: Kaplan-Meier curve stratifying effect of postoperative infection on hernia recurrence (n at remaining risk = 9 and 6 for patients with infections evaluated at 12 and 24 months; n at remaining risk = 76 and 68 for patients without infection at 12 and 24 months, respectively).
Supplemental Figure 3: Kaplan Meier stratified based on midline versus parastomal hernia recurrence (n at remaining risk = 7 and 2 for patients with midline hernia recurrence at 12 and 24 months, respectively; n at remaining risk = 0 for patients with parastomal hernia recurrence at 12 and 24 months).
Supplemental Figure 4: Change in EQ5D Index Score from baseline (n = 89 and 84 for patients evaluated at 12 and 24 months, respectively).

Note: Baseline mean: 0.73
Bars represent 95% confidence intervals

*p<0.05
**p<0.01
Supplemental Figure 5: EQ-5D VAS score from baseline (n = 90 and 83 for patients evaluated at 12 and 24 months, respectively).

**p<0.05

Note: Baseline mean: 63.9
Bars represent 95% confidence intervals
Supplemental Figure 6: SF-12 Physical Score from Baseline (n = 65 and 59 for patients evaluated at 12 and 24 months, respectively).

**Note:** Baseline mean: 38.6
Bars represent 95% confidence intervals

*p<0.05
Supplemental Figure 7: SF-12 Mental score from baseline (n = 65 and 59 for patients evaluated at 12 and 24 months, respectively).

Note: Baseline mean: 42.2
Bars represent 95% confidence intervals

*p<0.05
**p<0.01
### Supplemental Table 1: Patient Reported Outcomes – Percentage Change in Scores from Baseline over 24 months

<table>
<thead>
<tr>
<th>Variable, mean</th>
<th>Month 1</th>
<th>Month 6</th>
<th>Month 12</th>
<th>Month 24</th>
</tr>
</thead>
<tbody>
<tr>
<td>EQ-5D Index</td>
<td>3%</td>
<td>14%*</td>
<td>14%*</td>
<td>15%*</td>
</tr>
<tr>
<td>EQ-5D VAS</td>
<td>-1%</td>
<td>14%*</td>
<td>13%*</td>
<td>16%*</td>
</tr>
<tr>
<td>SF-12 Physical</td>
<td>-10*</td>
<td>12%*</td>
<td>16%*</td>
<td>13%*</td>
</tr>
<tr>
<td>SF-12 Mental</td>
<td>1%</td>
<td>4%</td>
<td>8%*</td>
<td>9%*</td>
</tr>
</tbody>
</table>

*: p<0.05

Abbreviations: N=total number of patients in each group; SF-12= Short Form 12 Health Survey; VAS=Visual Analog Scale.