<table>
<thead>
<tr>
<th>Patient</th>
<th>Group I: Total Knee Replacement</th>
<th>Group II: Knee Arthroscopy</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Preop Cortisol-to-Creatinine Clearance Ratio</td>
<td>Postop Cortisol-to-Creatinine Clearance Ratio</td>
<td>Day 3 Cortisol-to-Creatinine Clearance Ratio</td>
</tr>
<tr>
<td>1</td>
<td>0.525</td>
<td>5.343</td>
<td>2.704</td>
</tr>
<tr>
<td>2</td>
<td>0.160</td>
<td>5.451</td>
<td>0.597</td>
</tr>
<tr>
<td>3</td>
<td>0.163</td>
<td>2.155</td>
<td>1.603</td>
</tr>
<tr>
<td>4</td>
<td>0.118</td>
<td>1.694</td>
<td>1.115</td>
</tr>
<tr>
<td>5</td>
<td>0.061</td>
<td>1.666</td>
<td>3.941</td>
</tr>
<tr>
<td>6</td>
<td>0.059</td>
<td>0.252</td>
<td>1.160</td>
</tr>
<tr>
<td>7</td>
<td>0.055</td>
<td>1.934</td>
<td>1.660</td>
</tr>
<tr>
<td>8</td>
<td>0.081</td>
<td>0.728</td>
<td>0.424</td>
</tr>
<tr>
<td>9</td>
<td>0.148</td>
<td>2.524</td>
<td>5.001</td>
</tr>
<tr>
<td>10</td>
<td>0.112</td>
<td>0.206</td>
<td>1.997</td>
</tr>
<tr>
<td>11</td>
<td>0.153</td>
<td>13.768</td>
<td>0.839</td>
</tr>
<tr>
<td>12</td>
<td>0.385</td>
<td>3.307</td>
<td>1.548</td>
</tr>
<tr>
<td>13</td>
<td>0.304</td>
<td>10.892</td>
<td>4.593</td>
</tr>
<tr>
<td>14</td>
<td>0.188</td>
<td>4.558</td>
<td>1.617</td>
</tr>
<tr>
<td>15</td>
<td>0.328</td>
<td>5.854</td>
<td>4.754</td>
</tr>
<tr>
<td>Mean</td>
<td>0.189</td>
<td>4.022</td>
<td>2.237</td>
</tr>
<tr>
<td>Std Dev</td>
<td>0.140</td>
<td>3.880</td>
<td>1.570</td>
</tr>
<tr>
<td>Median</td>
<td>0.150</td>
<td>2.520©</td>
<td>1.620*</td>
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</tbody>
</table>

*p<0.001; postoperative cortisol-to-creatinine clearance ratio (both on Day 1 and Day 3) increased compared with preoperative cortisol-to-creatinine clearance ratio in patients treated with total knee arthroplasty. †p<0.001 (Mann-Whitney test); change in cortisol-to-creatinine clearance ratios from preoperative to postoperative levels in patients treated with total knee arthroplasty compared with patients treated with knee arthroscopy. *p=0.44 (not significant); postoperative cortisol-to-creatinine clearance ratio compared with preoperative cortisol-to-creatinine clearance ratio in patients treated with knee arthroscopy.
### TABLE E-2 Demographic and Surgical Parameters

<table>
<thead>
<tr>
<th>Procedure</th>
<th>Age (Yrs)</th>
<th>Weight (Lbs)</th>
<th>BMI*</th>
<th>Length of Surgery (Min)</th>
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</thead>
<tbody>
<tr>
<td>Total knee arthroplasty</td>
<td>Median 71</td>
<td>176.0</td>
<td>28.8</td>
<td>93.0</td>
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<tr>
<td></td>
<td>Std Dev 12.7</td>
<td>38.8</td>
<td>6.4</td>
<td>14.3</td>
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<tr>
<td>Arthroscopy</td>
<td>Median 35.0</td>
<td>200.0</td>
<td>30.3</td>
<td>64.0</td>
</tr>
<tr>
<td></td>
<td>Std Dev 17.6</td>
<td>37.3</td>
<td>3.9</td>
<td>34.0</td>
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<tr>
<td>P value</td>
<td>&lt;0.001</td>
<td>0.18</td>
<td>0.63</td>
<td>0.003</td>
</tr>
</tbody>
</table>

*BMI = Body Mass Index