Materials List for:
Rat Heterotopic Abdominal Heart/Single-lung Transplantation in a Volume-loaded Configuration

Mark J. Kearns¹, Yingjin Wang³, John H. Boyd²
¹Cardiovascular Surgery, UBC James Hogg Research Center, St. Paul's Hospital
²Respiratory and Critical Care Medicine, UBC James Hogg Research Center, St. Paul's Hospital
³UBC James Hogg Research Center, St. Paul's Hospital

Correspondence to: Mark J. Kearns at Mark.Kearns@hli.ubc.ca

URL: https://www.jove.com/video/52418
DOI: doi:10.3791/52418

<table>
<thead>
<tr>
<th>Name</th>
<th>Company</th>
<th>Catalog Number</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Celsior Cardioplegic Solution</td>
<td>Genzyme</td>
<td></td>
<td>The solution is kept on ice throughout the procedure. We prepare our own solution, with slight modifications.</td>
</tr>
<tr>
<td>Rodent Ventilator</td>
<td>Harvard Apparatus</td>
<td>Model 683</td>
<td></td>
</tr>
<tr>
<td>Vital Sign Monitor</td>
<td>Nonin</td>
<td>Model 9847V</td>
<td>Displays SpO₂ and heart rate.</td>
</tr>
<tr>
<td>IV Cannulae</td>
<td>Jelco</td>
<td>3063</td>
<td>24 - 26 G x 3/4” cannulae.</td>
</tr>
<tr>
<td>IV Tubing</td>
<td>CareFusion</td>
<td>MP9259-C</td>
<td>Short-length connector tubing (18 cm).</td>
</tr>
<tr>
<td>Surgical Clips</td>
<td>Teleflex Medical</td>
<td>001204</td>
<td>Horizon titanium ligating clips.</td>
</tr>
<tr>
<td>Sutures</td>
<td>Ethicon, Sharpoint</td>
<td>LA54G, AK-0107</td>
<td>3-0 silk reel, and 9-0 prolene suture (single-armed, DR5 needle).</td>
</tr>
<tr>
<td>Surgical Instruments</td>
<td>Not Applicable</td>
<td>Not Applicable</td>
<td>The instruments used are generic, and can be purchased from any surgical supply company.</td>
</tr>
</tbody>
</table>