Table 3.1. Cardiac output (l/min/450 kg) (+/- percent change from baseline) as determined by thermodilution in three standing horses, in the baseline condition and after administration of dopamine, dobutamine, and detomidine plus butorphanol.

<table>
<thead>
<tr>
<th></th>
<th>Subject 1a</th>
<th>Subject 1b</th>
<th>Subject 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Baseline</td>
<td>40</td>
<td>45.6</td>
<td>51.6</td>
</tr>
<tr>
<td>Dopamine</td>
<td>48.8 (+21.8%)</td>
<td>ND</td>
<td>53.7 (+4%)</td>
</tr>
<tr>
<td>Dobutamine</td>
<td>44.9 (+12.1%)</td>
<td>ND</td>
<td>56.6 (+9.7%)</td>
</tr>
<tr>
<td>Detomidine + Butorphanol</td>
<td>33.5 (-16.3%)</td>
<td>31.7 (-30.4%)</td>
<td>33.3 (-35.5%)</td>
</tr>
</tbody>
</table>

ND = not done.

Table 3.2. Cardiac output (l/min/450 kg) as determined by M-mode echocardiography in three standing horses, in the baseline condition and after administration of dopamine, dobutamine, and detomidine plus butorphanol.

<table>
<thead>
<tr>
<th></th>
<th>Subject 1a</th>
<th>Subject 1b</th>
<th>Subject 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Baseline</td>
<td>41.6</td>
<td>46.4</td>
<td>33.2</td>
</tr>
<tr>
<td>Dopamine</td>
<td>36.1</td>
<td>ND</td>
<td>32.1</td>
</tr>
<tr>
<td>Dobutamine</td>
<td>32</td>
<td>ND</td>
<td>25.3</td>
</tr>
<tr>
<td>Detomidine + Butorphanol</td>
<td>34.1</td>
<td>34.8</td>
<td>27.2</td>
</tr>
</tbody>
</table>

ND = not done.
Bibliography


5. Sampson, S.N., Tucker, R.L., and Bayly, W.M. Relationship between VO2max, heart score, and echocardiographic measurements obtained at rest and immediately following maximal exercise in Thoroughbred horses, in *Fifth International Conference on Equine Exercise Physiology*. 1998;


