| Physiologic parameters | TGA (n=60) | SV (n=17) |
|------------------------|------------|-----------|
| **Hours 0-24**         |            |           |
| HR, median (IQR), bpm  | 152.6 (143.0-159.4) | 152.1 (147.2-160.6) |
| Systolic BP, median (IQR), mmHg | 70.3 (67.0-73.9) | 71.4 (68.1-74.7) |
| SpO₂ (%), median (IQR) | 97.6 (96.9-98.6) | 97.0 (96.9-98.6) |
| CVP, median (IQR), mmHg | 9.6 (8.3-11.3) | 10.3 (8.3-10.8) |
| **Hours 24-48**        |            |           |
| HR, median (IQR), bpm  | 147.0 (141.2-154.6) | 148.7 (144.5-153.3) |
| Systolic BP, median (IQR), mmHg | 73.1 (68.2-77.5) | 74.6 (71.4-80.3) |
| SpO₂ (%), median (IQR) | 97.3 (96.5-98.0) | 98.0 (97.4-98.5) |
| CVP, median (IQR), mmHg | 10.3 (8.6-12.3) | 10.6 (9.0-11.9) |
| **Hours 48-72**        |            |           |
| HR, median (IQR), bpm  | 145.1 (141.7-154.3) | 144.4 (132.7-150.4) |
| Systolic BP, median (IQR), mmHg | 73.1 (69.8-78.9) | 74.1 (70.3-80.0) |
| SpO₂ (%), median (IQR) | 97.4 (96.6-98.6) | 97.5 (97.2-98.3) |
| CVP, median (IQR), mmHg | 9.7 (8.6-11.6) | 10.8 (9.2-11.8) |

**Physiologic parameters**

| Physiologic parameters | No new injury (n=41) | New injury (n=19) | No new injury (n=10) | New injury (n=7) |
|------------------------|----------------------|------------------|---------------------|-----------------|
| **Hours 0-24**         |                      |                  |                     |                 |
| HR, median (IQR), bpm  | 152.6 (143.0-159.4) | 152.1 (147.2-160.6) | 159.6 (145.0-167.0) | 172.0 (169.7-176.0) |
| Systolic BP, median (IQR), mmHg | 70.3 (67.0-73.9) | 71.4 (68.1-74.7) | 68.9 (61.6-70.9) | 74.8 (67.9-78.5) |
| SpO₂ (%), median (IQR) | 97.6 (96.9-98.6) | 97.0 (96.9-98.6) | 79.7 (77.2-80.7) | 75.7 (74.9-77.3) |
| CVP, median (IQR), mmHg | 9.6 (8.3-11.3) | 10.3 (8.3-10.8) | 8.9 (8.2-9.6) | 9.1 (7.4-9.7) |
| **Hours 24-48**        |                      |                  |                     |                 |
| HR, median (IQR), bpm  | 147.0 (141.2-154.6) | 148.7 (144.5-153.3) | 149.6 (146.6-151.5) | 160.1 (156.5-160.9) |
| Systolic BP, median (IQR), mmHg | 73.1 (68.2-77.5) | 74.6 (71.4-80.3) | 72.2 (62.0-74.5) | 76.9 (74.9-80.3) |
| SpO₂ (%), median (IQR) | 97.3 (96.5-98.0) | 98.0 (97.4-98.5) | 80.4 (78.4-81.3) | 77.3 (75.6-77.6) |
| CVP, median (IQR), mmHg | 10.3 (8.6-12.3) | 10.6 (9.0-11.9) | 10.0 (8.7-11.7) | 10.3 (7.5-11.4) |
| **Hours 48-72**        |                      |                  |                     |                 |
| HR, median (IQR), bpm  | 145.1 (141.7-154.3) | 144.4 (132.7-150.4) | 145.0 (138.7-151.5) | 150.0 (141.7-154.3) |
| Systolic BP, median (IQR), mmHg | 73.1 (69.8-78.9) | 74.1 (70.3-80.0) | 73.4 (68.1-77.0) | 77.4 (67.8-83.3) |
| SpO₂ (%), median (IQR) | 97.4 (96.6-98.6) | 97.5 (97.2-98.3) | 81.4 (80.0-82.5) | 78.5 (76.6-80.1) |
| CVP, median (IQR), mmHg | 9.7 (8.6-11.6) | 10.8 (9.2-11.8) | 9.7 (7.6-10.4) | 9.0 (7.4-12.1) |

Abbreviations: Arterial blood pressure (BP), central venous pressure (CVP), heart rate (HR), interquartile range (IQR), single ventricle (SV), systemic oxygen saturation (SpO₂), transposition of the great arteries (TGA), white matter injury (WMI)