**Table 1**

**Title: Physiology of balloon occlusion at different aortic levels. Data is from human studies14,15,16**

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| **Physiologic Variable** | **Zone 1** | **Zone 3** |
| Mean arterial pressure | ↑↑ (38-54%) | ↑ (2-8%) |
| Pulmonary capillary wedge pressure | ↑↑↑ (90-190%) | No change |
| Central venous pressure | ↑↑ (35%) | No change |
| End-systolic area | ↑↑ (69%) | ↑ (11%) |
| End-diastolic area | ↑↑(28%) | ↑ (9%) |
| Ejection fraction | ↓↓ (38%) | No data |
| Cardiac index | ↓↓ (29%) | No data |
| Cardiac wall motion abnormality | Significant (detected in 92% patients) | Limited or none |

**Legend:** ↑= increase; ↓= decrease;