**Supplemental Table 2.** Adverse event rate of Pericardiocentesis (n=153) based on clinical factors

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| Clinical factors | Adverse event rate | *p* value |
| Age   * Neonates (≤28 days) * Others | 13% (3/23)  3% (4/130) | 0.09 |
| Weight   * <5 kg * >=5 kg | 9% (4/45)  3% (3/108) | 0.20 |
| Etiology of pericardial effusion   * Post-pericardiotomy syndrome * Others | 8% (6/71)  1% (1/82) | 0.06 |
| First or repeat pericardiocentesis   * First pericardiocentesis * Repeat pericardiocentesis | 6% (7/127)  0% (0/26) | 0.60 |
| Cardiac tamponade   * Clinical tamponade * Echocardiographic tamponade * None | 3% (1/34)  3% (2/60)  6% (4/72) | 0.77 |
| Size of pericardial effusion based on echocardiography   * Large * Moderate or small | 4% (3/82)  6% (4/69) | 0.70 |
| Location of procedure   * Cath lab * Bedside | 2% (2/88)  8% (5/65) | 0.14 |
| Urgency of procedure   * Emergent * Non-emergent | 0% (0/14)  5% (7/139) | 1.00 |
| Pericardiocentesis approach   * Subxyhoid * Apical * Unknown | 6% (6/107)  0% (0/18)  4% (1/26) | N/A |