

**Supplementary Table 2.** Excluded studies with reasons for exclusion

Study	Reason for exclusion
Gill et al. (2016) <sup>3</sup>	No intended outcomes compared or reported
Liu et al. (2015) <sup>4</sup>	Non-English article
Perini et al. (2010) <sup>5</sup>	No intended outcomes compared or reported
Gilligan et al. (2002) <sup>6</sup>	Patients not treated with alteplase
Nathanson et al. (2014) <sup>7</sup>	No intended outcomes compared or reported
Darger et al. (2015) <sup>8</sup>	No intended outcomes compared or reported
Bentsen et al. (2013) <sup>9</sup>	No intended outcomes compared or reported