

**Table S1. Modified Jadad scale of included Study.**

First Author (year) <sup>Ref</sup>	Randomization	Concealment of allocation	Double blinding	Withdrawals and dropouts	Total Score
Li XY (2015) <sup>3</sup>	2	1	2	1	6
Chen WQ (2016) <sup>4</sup>	2	1	1	1	5
Xu FY (2016) <sup>5</sup>	2	1	1	1	5
Jin P (2017) <sup>6</sup>	2	2	1	1	6
Hao LX (2017) <sup>7</sup>	2	2	1	1	6
K-N Choi (2017) <sup>8</sup>	2	2	2	1	7
D-W Park (2018) <sup>10</sup>	2	2	2	1	7
Dimitrios A (2017) <sup>11</sup>	2	2	2	1	7
Sun KB (2017) <sup>12</sup>	2	1	2	1	6
Hu JG (2017) <sup>13</sup>	2	2	2	1	5
Liao ZJ (2017) <sup>14</sup>	2	2	2	1	7

Meng HY (2017) <sup>15</sup>	2	1	2	1	6
Song M (2017) <sup>16</sup>	2	1	2	1	6
Liu CY (2017) <sup>17</sup>	2	1	1	1	5
Li KB (2015) <sup>18</sup>	2	2	1	1	6
H. J. Xue (2016) <sup>19</sup>	2	2	2	1	7

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**Randomization** (0: Not randomized or inappropriate method of randomization.1: The study was described as randomized.2: The method of randomization described and it was appropriate.)

**Concealment of allocation** (0: Not describe the method of allocation concealment.2: The study was described as using allocation concealment method.3: The method of allocation concealment was described appropriately.)

**Double blinding** (0. No blind or inappropriate method of blinding.1. The study was described as double blinding. 2. The method of double blinding was described and it was appropriate.)

**Withdrawals and dropouts** (0: Not describe the follow-up.1: A description of withdrawals and dropouts.

**Table S2. P value of Begg's test and Egger's test to assess publication bias.**

Outcomes	Begg's	Egger's
MACE	0.631	0.811
LVEF	0.133	0.314
LVDD	0.452	0.838
major bleeding events	0.453	0.782
Minor and Minimal bleeding events	0.119	0.516
AEs	0.784	0.973
PAgR	0.124	0.513
PRU	0.806	0.948