

| Table S12 Result Of Evidence Quality （GRADE） | | | | | | | | | |
|--|---|----------------------------|--------------------|--------------|---------------|--------------|-------------|----------------------|-----------|
| Outcome | Systematic review | Certainty assessment | | | | | | | Certainty |
| | | Relative effect (95%CI) | studies (patients) | Risk of bias | Inconsistency | Indirectness | Imprecision | Other considerations | |
| Hypoglycemia | Kumar et al,2020 ^[33] | HR 1 (0.29,3.45) | 2 | not serious | not serious | not serious | serious(j) | not serious | Moderate |
| Hypoglycemia | Shrestha et al,2021 ^[38] | OR 1.14 (0.81,1.61) | 8(133) | serious(a) | not serious | not serious | serious(g) | not serious | low |
| Hypoglycemia | Cao et al,2022 ^[39] | RR 0.95(0.8,1.14) | 5 | serious(c) | not serious | not serious | serious(g) | not serious | low |
| Hypoglycemia | Wu et al,2022 ^[43] | RR 0.93(0.61,1.42) | 5(84) | serious(bd) | not serious | not serious | serious(g) | not serious | low |
| Hypoglycemia | Younes et al,2022 ^[47] | OR 1.02 (0.8,1.31) | 4 (257) | not serious | not serious | not serious | serious(g) | not serious | Moderate |
| Hypoglycemia | Zheng et al,2020 ^[54] | RR 1.09(0.78,1.53) | 3(103) | serious(d) | not serious | not serious | serious(g) | not serious | low |
| Hypoglycemia | Bazoukis et al, 2021 ^[50] | RR 0.93 (0.75,1.16) | 6 | not serious | not serious | not serious | serious(g) | not serious | Moderate |
| Hypoglycemia | Cai et al,2021 ^[59] | RR 0.69 (0.34,1.4) | 4 (35) | serious(c,d) | not serious | not serious | serious(g) | not serious | low |
| Hypoglycemia | Li et al,2021 ^[53] | RR1.136(0.875,1.391) | 4 | not serious | not serious | not serious | serious(g) | not serious | Moderate |
| Hypotension | Vukadinovi´c et al,2020 ^[41] | RR 1.09 (0.91,1.31) | 3(421) | not serious | not serious | not serious | serious(g) | not serious | Moderate |
| Hypotension | Younes et al,2022 ^[47] | RR 1.17 (1.03,1.33) | 4 | not serious | not serious | not serious | not serious | not serious | High |
| Hypotension | Bazoukis et al,2021 ^[50] | RR 1.09 (0.9,1.31) | 4(989) | not serious | not serious | not serious | serious(g) | not serious | Moderate |
| Hypotension | Li et al,2021 ^[53] | RR 1.112 (0.922,1.340) | 4 | not serious | not serious | not serious | serious(g) | not serious | Moderate |

a: included RCT has risk of bias; c: selective reporting bias; b: bias of blind method; d: incomplete data results; e: poor overlap of confidence interval ; g: confidence interval contains Invalid line; j: the confidence interval

is too wide; OR: odds ratio; RR: relative risk; HR: hazard rate