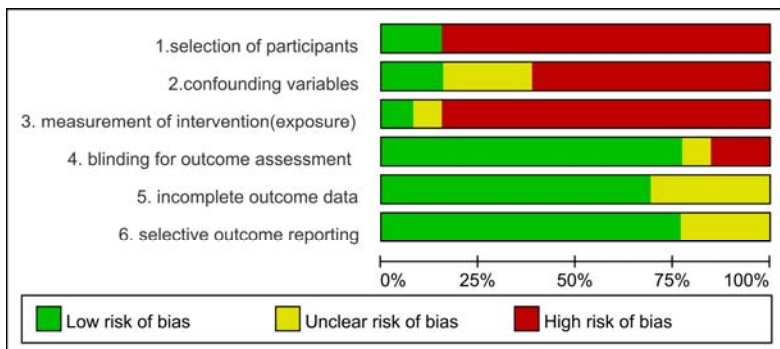


Supplement 2. Results from the Risk of Bias Assessment Tool for Non-Randomized Studies



| | 1. selection of participants | 2. confounding variables | 3. measurement of intervention(exposure) | 4. blinding for outcome assessment | 5. incomplete outcome data | 6. selective outcome reporting |
|------------------------|------------------------------|--------------------------|--|------------------------------------|----------------------------|--------------------------------|
| Choe (2010) | ⊖ | ⊖ | ⊖ | ⊕ | ⊕ | ⊕ |
| Garcia-Huidobro (2019) | ⊖ | ? | ⊖ | ⊕ | ⊕ | ⊕ |
| Han (2018) | ⊖ | ⊖ | ? | ⊖ | ⊕ | ? |
| Jeong (2006) | ⊖ | ⊖ | ⊖ | ⊕ | ⊕ | ⊕ |
| Jung (2013) | ⊖ | ⊖ | ⊖ | ⊕ | ⊕ | ⊕ |
| Kim (2011) | ⊖ | ⊖ | ⊖ | ⊖ | ⊕ | ? |
| Kim (2014) | ⊖ | ⊖ | ⊖ | ⊕ | ? | ⊕ |
| Kim (2016) | ⊖ | ⊖ | ⊕ | ⊕ | ? | ⊕ |
| Lakkis (2020) | ⊖ | ⊖ | ⊖ | ⊕ | ⊕ | ⊕ |
| Lau (2011) | ⊕ | ? | ⊖ | ⊕ | ⊕ | ⊕ |
| Lee (2017) | ⊖ | ? | ⊖ | ⊕ | ? | ⊕ |
| McNaughton (2014) | ⊖ | ⊕ | ⊖ | ⊕ | ? | ? |
| Shon (2019) | ⊕ | ⊕ | ⊖ | ? | ⊕ | ⊕ |