**SDC Table 2. Assessment of Risk of Bias**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Selection Bias** | **Performance Bias** | **Detection Bias** | **Attrition Bias** | **Reporting Bias** |
| **Author (Year)** | **Random Sequence Generation** | **Allocation Concealment**  | **Blinding of Participants and Personnel** | **Blinding of Outcome Assessors Patient-Reported** | **Blinding of Outcome: Mortality** | **Incomplete Outcome Data: Short-Term Outcomes (2-6 Wk)** | **Incomplete Outcome Data: Long-Term (>6 Wk)**  | **Selective Reporting** |
| Mosca et al. (2010)25; Christian et al. (2007)34 | Low riskBlock design; central dial-in web-based system | Unclear riskNo information provided | High riskUnable to blind participants; no information provided for study personnel | Unclear riskNo information provided | n/a | n/aOutcomes measured at 6 mo | Low riskIntention to treat analysis used | Low risk |
| Beckie et al. (2014)28; Beckie et al. (2010)29; Beckie et al. (2011)32;Beckie et al. (2010)33; Beckie et al. (2013)35  | Low risk Based coin randomization procedure | Low riskStatistician provided treatment assignment sheets that were placed in opaque envelopes, sealed and delivered to the project director | High riskUnable to blind participants or interventionist | Low riskOnly project director aware of group assignment | n/a | Low risk | Low riskIntention to treat analysis used3,4; 9% difference in complete data (<20%)5,8; low attrition (1%)6; 16% difference in group size, low attrition (6%)7 | Low risk |
| Grace et al. (2016)26; Midence et al. (2016)31; Andraos et al. (2015)36 | Unclear riskRandomized;method not stated | Unclear riskRecruiters went online to ascertain randomization | High riskPatients and CR sites informed of allocation | Low riskCR program members not aware of study objectives or which patients were enrolled in the trial | n/a | n/a | Low riskIntention to treat analysis used | Low risk |
| Total | 2 low risk1 unclear risk | 2 low risk1 unclear risk | 3 high risk | 2 low risk1 unclear risk | 3 n/a | 1 low risk2 n/a | 3 low risk | 3 low risk |

Abbreviations: CR, cardiac rehabilitation; n/a, not available.