

Risk of bias

Study	Sequence generation	Allocation concealment	Blinding of participants/personnel	Blinding of outcome assessors	Incomplete outcome data	Selective outcome reporting	Other risk of bias
Abaza 2017							
Abdulrhman 2013							
Adibe 2013							
Adjei 2015							
Ali 2019							
Amendezo 2017							
Anderson 2001							
Anyanwu 2016							
Ashoush 2016							
Asuako 2017							
Beyuo 2015							
Chraibi 2017							
Debussche 2018							
Distiller 2014							
Elbarbary 2016							
Elbarbary 2018							
Elbarbary 2020							
El Gayar 2019							
El-Haggar 2015							
El-Makaky 2020							
El-Shamy 2018							
El-Sharkawy 2016							
El-Sheikh 2019							
Embaby 2016							
Essien 2017							
Fairall 2016							
Fayehun 2018							
Ghoneim 2013							
Hailu 2018							
Ibrahim 2014							
Krawinkel 2018							

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Labhardt 2011	😊	😊	😞	😊	😊	😊	😊
Maharaj 2016	😊	😊	😞	😊	😊	😊	😞
Malek 2015	😊	😊	😞	😊	😊	😊	😊
Malipa 2013	😊	😊	😞	😞	😊	😊	😞
Mash 2014	😊	😊	😞	😞	😞	😊	😊
Matter 2020	😊	😊	😊	😊	😊	😞	😊
Mohamad 2009	😊	😊	😞	😊	😊	😊	😞
Moustafa 2019	😊	😊	😞	😊	😞	😊	😞
Muchiri 2015	😊	😊	😞	😊	😊	😊	😞
Nteleki 2015	😞	😊	😞	😊	😊	😊	😞
Owolabi 2019	😊	😊	😞	😊	😊	😞	😞
Rashad 2017	😊	😊	😊	😊	😞	😊	😞
Ragheb 2020	😊	😊	😞	😞	😞	😊	😊
RezkAllah 2019	😊	😊	😞	😊	😊	😊	😊
Saeed 2013	😊	😊	😞	😞	😞	😊	😞
Salem 2010	😊	😊	😞	😞	😊	😊	😞
Sodipo 2017	😊	😊	😞	😊	😞	😊	😊
Somanah 2012	😊	😊	😞	😊	😞	😞	😞
Steyn 2013	😊	😊	😞	😊	😞	😊	😊
Takenga 2014	😊	😊	😞	😊	😊	😊	😞
Tawfik 2016	😊	😊	😊	😊	😞	😊	😊
Thuita 2020	😊	😊	😞	😊	😊	😊	😊
Tsobgny-Tsague 2018	😊	😊	😞	😊	😞	😊	😊
Utz 2018	😊	😊	😞	😊	😊	😞	😞
Van der Hoogt 2017	😊	😊	😞	😊	😞	😊	😞
Van Rooijen 2004	😊	😊	😞	😊	😊	😊	😞
Webb 2015	😊	😊	😊	😊	😞	😊	😊
Yakoot 2019	😊	😊	😞	😞	😊	😞	😞
Yan 2014	😊	😊	😞	😊	😊	😊	😞

😊: low, 😊: unclear, 😞: high risk of bias

Supplementary Table 5: Judgements on risk of bias