

Supplementary Table 1 Quality assessment of randomized studies using Cochrane collaboration's risk of bias

Author (yr)	Random sequence generation.	Allocation concealment	Blinding of participants and personnel	Blinding of outcome assessment	Incomplete outcome data	Selective reporting
Rishi <i>et al</i> ^[32] (2019)	LR	LR	HR	LR	LR	LR
Morave <i>et al</i> ^[31] (2019)	LR	LR	HR	LR	LR	LR
Zhang <i>et al</i> ^[13] (2018)	LR	LR	HR	LR	LR	LR
Bai <i>et al</i> ^[14] (2018)	LR	LR	HR	LR	LR	LR
Yoo <i>et al</i> ^[15] (2016)	LR	LR	HR	LR	LR	LR
Zorzi <i>et al</i> ^[16] (2016)	LR	LR	HR	LR	LR	LR
Kump <i>et al</i> ^[17] (2018)	LR	LR	LR	LR	LR	LR
Parente <i>et al</i> ^[18] (2015)	LR	LR	HR	LR	LR	LR
Mussetto <i>et al</i> ^[19] (2015)	LR	LR	HR	LR	LR	LR
Leone <i>et al</i> ^[20]	LR	LR	HR	LR	LR	LR

(2013)								
Valiante	<i>et al</i> ^[21]	LR	LR	HR	LR	LR	LR	LR
(2013)								
Cesaro	<i>et al</i> ^[22]	LR	LR	HR	LR	LR	LR	LR
(2013)								
Gentile	<i>et al</i> ^[23]	LR	LR	HR	LR	LR	LR	LR
(2013)								
Matro	<i>et al</i> ^[24]	LR	LR	HR	LR	LR	LR	LR
(2012)								
Repici	<i>et al</i> ^[25]	LR	LR	LR	LR	LR	LR	LR
(2012)								
Jansen	<i>et al</i> ^[26]	LR	UR	HR	LR	UR	LR	LR
(2011)								
Pontone	<i>et al</i> ^[27]	LR	LR	HR	UR	LR	LR	LR
(2011)								
Lazzaroni	<i>et al</i> ^[28]	HR	UR	HR	UR	LR	LR	LR
(1993)								
McNally	<i>et al</i> ^[29]	LR	UR	HR	UR	LR	LR	LR
(1989)								
McNally	<i>et al</i> ^[30]	LR	UR	HR	UR	LR	LR	LR

(1988)

LR: Low risk of bias; HR: High risk of bias; UR: Unknown risk of bias.