

SUPPLEMENTARY MATERIALS

Table S1. RoB analysis of the studies using the RoBDEMAT tool.

Author	D1: Bias in Planning and Allocation			D2: Bias in Sample/Specimen Preparation		D3: Bias in Outcome Assessment		D4: Bias in Data Treatment and Outcome Reporting	
	Control Group	Randomized Samples	Sample Size Calculation	Standardized Samples and Materials	Identical Experimental Conditions	Standardized Testing Procedures	Operator blinded	Statistical Analysis	Reporting Outcomes
Du et al. (2012)	Reported	Not applicable	Not reported	Insufficiently reported	Reported	Insufficiently reported	Not reported	Reported	Reported
Elsaka (2012)	Reported	Not applicable	Not reported	Reported	Reported	Reported	Not reported	Reported	Reported
Peralta et al. (2013)	Reported	Insufficiently reported	Not reported	Reported	Reported	Reported	Not reported	Reported	Reported
Geraldeli et al. (2017)	Reported	Not applicable	Not reported	Insufficiently reported	Reported	Insufficiently reported	Not reported	Reported	Insufficiently reported
Yang et al. (2017)	Reported	Not applicable	Not reported	Insufficiently reported	Reported	Reported	Not reported	Reported	Reported
Su et al. (2018)	Reported	Not applicable	Not reported	Insufficiently reported	Reported	Reported	Not reported	Reported	Reported
Rezaeian et al. (2019)	Reported	Not applicable	Not reported	Insufficiently reported	Reported	Insufficiently reported	Not reported	Reported	Insufficiently reported
Dias et al. (2020)	Reported	Not applicable	Not reported	Reported	Reported	Reported	Not reported	Reported	Reported
Leyva del Rio et al. (2020)	Reported	Not applicable	Not reported	Reported	Insufficiently reported	Reported	Not reported	Reported	Reported
Zhao et al. (2020)	Reported	Not applicable	Not reported	Insufficiently reported	Reported	Reported	Not reported	Reported	Reported
Ribeiro et al. (2021)	Reported	Insufficiently reported	Not reported	Insufficiently reported	Reported	Reported	Not reported	Reported	Reported
de Oliveira Souza et al. (2022)	Reported	Not applicable	Not reported	Reported	Reported	Reported	Not reported	Reported	Insufficiently reported
Yao et al. (2022)	Reported	Not applicable	Not reported	Reported	Reported	Reported	Not reported	Reported	Reported