

Supplemental figure 1: Risk of bias assessment.

	Risk of bias domains						
	D1	D2	D3	D4	D5	Overall	
Study	Cho et al., 2008 [23]						
	Yavzucan et al., 2013 [25]						
	Avcioglu et al., 2014 [26]						
	Kim et al., 2014 [27]						
	Chmaj-Wierzchowska et al., 2015 [13]						
	Yang et al., 2015 [24]						
	Wu et al., 2015 [12]						
	Tokmak et al., 2016 [9]						
	Ding et al., 2018 [29]						
	Seckin et al., 2018 [28]						
	Viganò et al., 2018 [14]						
	Coskun et al., 2019 [32]						
	Ding et al., 2019 [30]						
	Turgut et al., 2019 [31]						

Notes: Green circle=low risk; yellow circle=unclear; red circle=critical; D1=Can we be confident in the assessment of exposure?; D2=Can we be confident that cases had developed the outcome of interest and controls had not?; D3=Were the cases properly selected?; D4=Were the controls properly selected?; D5=Were cases and controls matched according to important prognostic variables or was statistical adjustment carried out for those variables?.