Figure S1. Sensitivity analysis of comparison in the number of pelvic lymph nodes retrieved by robotic surgery and laparoscopic surgery. Standard mean difference was presented on the x-axis.

Meta-analysis fixed-effects estimates (linear form)
Study ommited

Magrina *et al.* 2011		
Sert *et al.* 2011		
Chong *et al.* 2013		
Chen *et al.* 2014		
Yim *et al.* 2014		
Chen *et al.* 2015		
Manchana *et al.* 2015		
Gallotta *et al.* 2016		
Mäenpää *et al.* 2016		
Mendivil *et al.* 2016		
Lee *et al.* 2017		
Pellegrino *et al.* 2017		
Nie *et al.* 2017		
Luo *et al.* 2018		
Oyama *et al.* 2018		

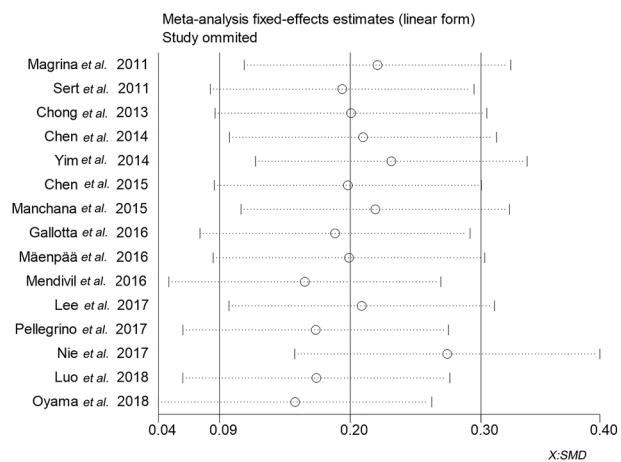0.04   0.09   0.20   0.30   0.40

X:SMD

Figure S2. Sensitivity analysis of comparison in the number of para-aortic lymph nodes retrieved by robotic surgery and laparoscopic surgery. Standard mean difference was presented on the x-axis.
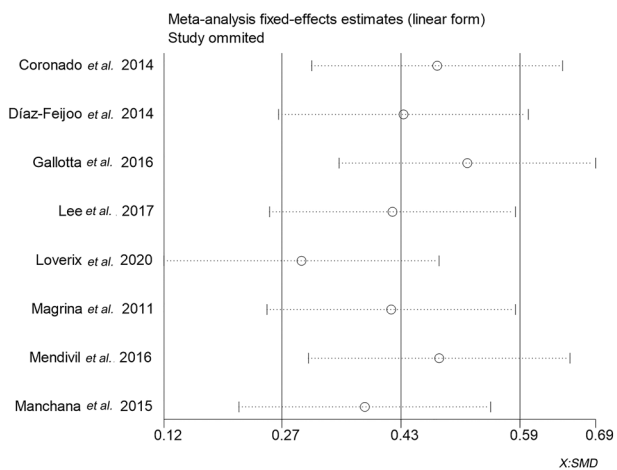
Meta-analysis fixed-effects estimates (linear form)
Study ommited

Study	
Coronado *et al.* 2014	
Díaz-Feijoo *et al.* 2014	
Gallotta *et al.* 2016	
Lee *et al.* 2017	
Loverix *et al.* 2020	
Magrina *et al.* 2011	
Mendivil *et al.* 2016	
Manchana *et al.* 2015	

0.12   0.27   0.43   0.59   0.69

X:SMD

Figure S3. Sensitivity analysis of the comparison of operation time between robotic surgery and laparoscopic surgery. Standard mean difference was presented on the x-axis.
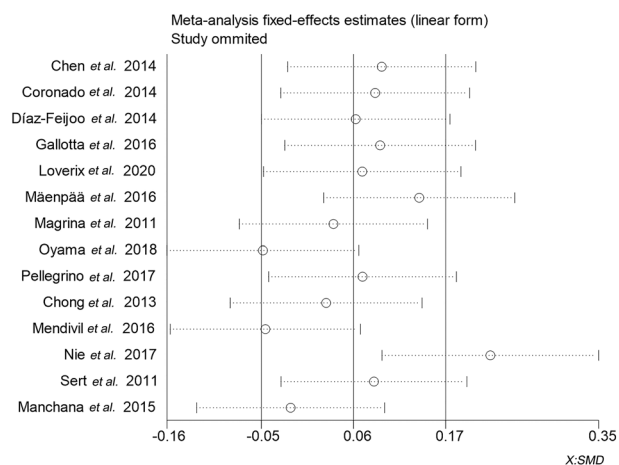
Figure S4. Sensitivity analysis of the comparison of estimated blood loss between robotic surgery and laparoscopic surgery. Standard mean difference was presented on the x-axis.

Meta-analysis fixed-effects estimates (linear form)
Study ommited

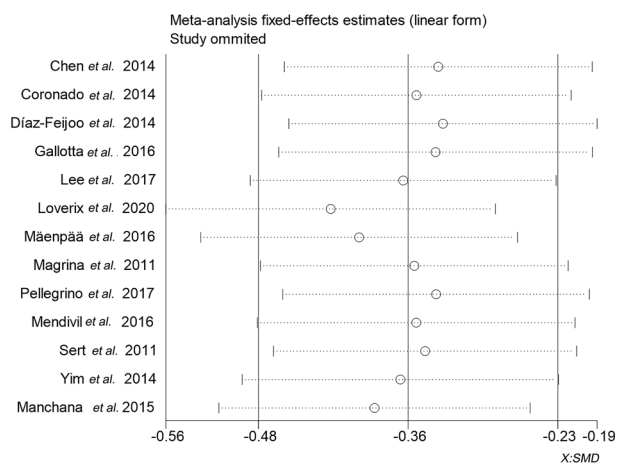|	
Chen *et al.* 2014	
Coronado *et al.* 2014	
Díaz-Feijoo *et al.* 2014	
Gallotta *et al.* 2016	
Lee *et al.* 2017	
Loverix *et al.* 2020	
Mäenpää *et al.* 2016	
Magrina *et al.* 2011	
Pellegrino *et al.* 2017	
Mendivil *et al.* 2016	
Sert *et al.* 2011	
Yim *et al.* 2014	
Manchana *et al.* 2015	

-0.56   -0.48   -0.36   -0.23 -0.19
X:SMD

Figure S5. Sensitivity analysis of the comparison in recurrence rate between robotic surgery and laparoscopic surgery. Standard mean difference was presented on the x-axis.

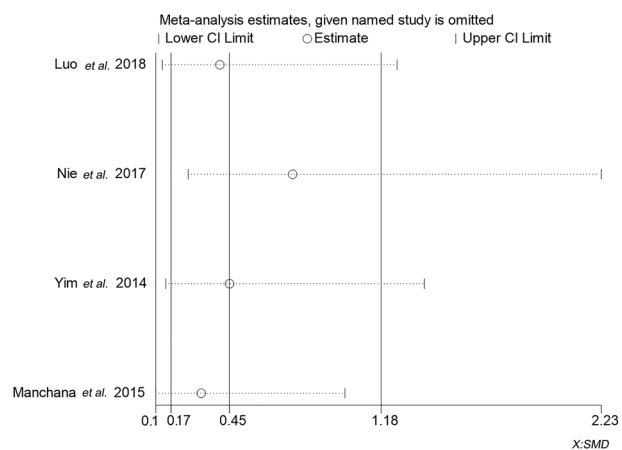Meta-analysis estimates, given named study is omitted

Figure S6. Sensitivity analysis of the comparison in mortality rate between robotic surgery and laparoscopic surgery. Standard mean difference was presented on the x-axis.