

## Peer Review File

Article information: <https://dx.doi.org/10.21037/jgo-23-205>

### Review Comments-reviewer A

I would like to congratulate the authors on their fascinating work regarding this interesting article on risk factors for sepsis in patients with colorectal cancer. The manuscript is well-written and the incorporated tables make the study easy to follow.

I strongly recommend acceptance for publication of the paper after minor revision.

Reply: We thanks for your positive comments.

1) According to the literature, following colorectal cancer procedures, postoperative sepsis is significantly more common among patients over 65 years old, ASA score > 2, and also with associated comorbidities such as diabetes and cardiovascular disease.

Reply 1: We have added related contents in the discussion. See page 8, line 196-200.

2) Postoperative complications after colorectal surgery have been associated with negative economic impact, increased morbidity, extended postoperative hospital stay, readmission, sepsis, and death.

I would suggest adding this important information to the discussion section and consider citing the recently published articles

<https://pubmed.ncbi.nlm.nih.gov/34080408/>

<https://pubmed.ncbi.nlm.nih.gov/35371356/>

Reply 2: Our study also showed that the 5-year survival rate of patients in the sepsis group was significantly reduced (35.71% vs. 57.14%, P=0.017). We have already added the related references in the discussion. See page 7, line 161-164.

### Review Comments-reviewer B

#### Table 1

Please add the description to the table footnote that how the data are presented in table.

Age (years)	61.63±9.08	63.63±8.90	1.245	0.216
Gender			0.000	1.000
Male	32 (57.14%)	40 (57.14%)		
Female	24 (42.86%)	30 (42.86%)		
Abdominal pain course (h)	17.05±6.90	12.67±5.90	3.842	0.000
Duration of abdominal pain >8 h	47 (83.93%)	47 (67.14%)	4.627	0.031
Body mass index (kg/m <sup>2</sup> )	24.06±2.58	23.94±2.33	0.309	0.758

Reply 2: We have added the description to the table. See page 16, table 1.