

Apr 5, 2021

Dear Editors and reviewers

We thank the reviewers for the detailed review and informative comments for our **revised manuscript NO: 61997** "Changes in endoscopic patterns before and during coronavirus 2019 outbreak: experience at a single tertiary center in Korea." Below are our answers to your comments. We do hope that our answers will be satisfactory to you.

Reviewer #1

This report is good for publication because this This is the first East Asian report to be issued on the impacts of coronavirus disease 2019 (COVID-19) on emergent endoscopic activities and outcomes.

Answer: We all thank you for your comments.

Reviewer #2

Good article. well written but I wonder about table 2 Endoscopic intervention (the number low to make statistical analysis)

Answer: First of all, we thank you for your comment. Regarding the small numbers of endoscopic intervention in Table 2 as you indicated, **Fisher's exact test** was used. Statistically, it is appropriate way. It was previously described in the manuscript (see the section of Method). For this point, statistical analysis was re-consulted and reviewed again from an expert of medical statistics in the medical research center, an affiliate of the Yeungnam University Medical Center. We are informed that it was statistically correct. It is presented at the separate page (see next page and it was highlighted). **We newly added "Fishers' exact test was used" at the bottom of Table 2 to avoid the statistical confusion for readers. It was highlighted in yellow in the manuscript.**

치료2 * 연도 교차표						
			연도			전체
			2018	2019	2020	
치료2	none	빈도	81	84	36	201
		기대빈도	76.6	80.2	44.2	201.0
		치료2 중 %	40.3%	41.8%	17.9%	100.0%
		연도 중 %	95.3%	94.4%	73.5%	90.1%
	YES	빈도	4	5	13	22
		기대빈도	8.4	8.8	4.8	22.0
		치료2 중 %	18.2%	22.7%	59.1%	100.0%
		연도 중 %	4.7%	5.6%	26.5%	9.9%
전체		빈도	85	89	49	223
		기대빈도	85.0	89.0	49.0	223.0
		치료2 중 %	38.1%	39.9%	22.0%	100.0%
		연도 중 %	100.0%	100.0%	100.0%	100.0%

카이제곱 검정				
	값	자유도	근사 유의확률 (양측검정)	정확 유의확률 (양측검정)
Pearson 카이제곱	19.654 ^a	2	0.000	0.000
우도비	16.203	2	0.000	0.000
Fisher의 정확검정	15.867			0.000
유효 케이스 수	223			

a. 1 셀 (16.7%)은(는) 5보다 작은 기대 빈도를 가지는 셀입니다. 최소 기대빈도는 4.83입니다.

The image shows the SPSS software interface with the 'Exact' dialog box open. The 'Exact' option is selected under the 'Display' section. The 'Confidence Interval' is set to 99%, and the 'Sample Size' is 10000. The 'Exact' section is highlighted in yellow. The 'Exact' section includes a checkbox for 'Exact' and a checkbox for 'Monte Carlo'. The 'Exact' checkbox is checked. The 'Exact' section also includes a checkbox for 'Exact' and a checkbox for 'Monte Carlo'. The 'Exact' checkbox is checked. The 'Exact' section also includes a checkbox for 'Exact' and a checkbox for 'Monte Carlo'. The 'Exact' checkbox is checked.