

Review of: "Medical students' disease status of COVID-19: A multicenter study"

Awirut Singkun

Potential competing interests: No potential competing interests to declare.

	Comment
Abstract	The study objective should be provided at the end of background part
	Please recheck the result for common illness (both in abstract and body text). You presented 1 st and 2 nd episode, but why did you showed the common found symptoms of the second infection? or all symptoms of both episodes should be merged, right?
	Please recheck KP and KPK in this paper, are they the same or not? I see KPK in abstract, but not in body text.
Introduction	Researchers should first present the full word and its abbreviation. Then, the abbrev word can be used through the end.
	-Khyber Pakhtunkhwa – page 2
	-KP – page 3
	-Khyber Pakhtunkhwa (KP) – page 3 (Material & Methods)
	The coverage the 1 st dose of vaccination should not be presented in number, but in percent
	All Covid words (in text and table) should be replaced by COVID
Material & Methods	What are MBBS and BDS?
	-MBBS and BDS should be used after show the full word at the first time
	Please clarify that for the participants of this study, "medical students" or "medical and dental students"
	It's better to show the time frame of this study in this part than in the discussion part
	Please recheck the time of study conducted. In the method part state 6 months, but in discussion part was 10 months
	I see SBDC is only a dental college. Do you think that dental students are homogenize sample compared to medical student?
	You should state how many public and private college (you presented "16 different private and public medical colleges" in the results part).
	Decided to used "google forms" or "Google Forms"
	Do you have any detail of tools measurement?
Results	Please provide the information for data collecting, for example, how you distribute the forms, how you access to target participants
	You should have a table to show how many COVID-19 infection students of each year of study, including RR, and it's better to show 95%CI
	PCR and RAT should be define at the foot note of Table 1
	Fig 1, Domicile not DOMicile
Discussion	Fig 1 and 2, it's better to redirection of domicile and college at the same direction of percent and frequency
	"a large number of students were infected after the dissolution of the lockdown whereas only a few were infected during the lockdown." Do you have the number or rate of infection between 2 phases?
Objective, Results, Discussion, Conclusion	It's a good opportunity for me to read this good study. However, I think it's normally found that clinical students (spend more time in hospital) had more infection rate than pre-clinical students. Objective, results, discussion and conclusion should not only study and compare for a similar finding with other studies, but also show other outcomes/different interesting of new findings. You could categorize the data and re-analyze to show other new findings, for example, 1.public and private colleges 2.medical and dental colleges 3.urban and rural area of colleges, etc.

