

Attitudes towards COVID-19 mitigation measures at St. Marks BCSC: a cross-sectional analysis of survey data from an ethnically diverse region in London

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Introduction

- When the COVID-19 pandemic started, many invasive diagnostic tests had to be suspended to prevent the spread of the disease.
- Several procedures were implemented to reduce transmission to allow services to resumed.
- These include: Pre procedure COVID swabbing, temperature taken, the use of hand sanitiser, wearing face mask, and Staff with protective clothing.

Aims

To assess patient attitudes towards the COVID mitigation measures implemented within St Mark's Bowel Cancer Screening Centre.

Methods

- Patients surveyed who underwent colonoscopy between July 2020 and May 2021.
- Participants were given the survey 3 days after their procedure which asked a series of items using five-point Likert scales.
- Factor analysis was used to group items
- Scales ranged from 5-25 for Factor 1 and 2-10 for factors 2-3
- Descriptive statistics were used to calculate means, then it was standardised to present a value from 1-5.

Table 1. Factors by demographics

	Factor 1 Attitudes towards measures to reduce hospital-based covid transmission.'	Factor 2 Attitudes towards pre- colonoscopy COVID swabbing.'	Factor 3 Attitudes towards protective clothing.'
Gender mean (SD)			
Male	4.60 (0.60)	3.74 (1.02)	4.09 (0.92)
Female	4.65 (0.63)	3.89 (1.05)	4.04 (0.94)
	P= 0.555	P= 0.225	P= 0.659
Ethnicity means (SD)			
White	4.63 (0.63)	3.88 (1.00) ¹	4.11 (0.92)
South Asian	4.61 (0.61)	3.76 (0.99)	4.09 (0.87)
Any other ethnicity	4.63 (0.59)	3.37 (1.18) ¹	4.11 (0.86)
	P= 0.960	P= 0.031	P=0.918
Language mean (SD)			
English	4.71(0.44)	4.05 (0.89)	4.16 (0.81)
other language	4.6 (0.74)	3.42 (1.19)	4.13 (0.64)
	P= 0.540	P= 0.041	P= 0.879

¹ The difference between White adults and other ethnicity was significant
p= 0.023

Results

- Attitudes towards measures to reduce hospital-based covid transmission': **4.62**
- 'Attitudes towards pre-colonoscopy covid swabbing' : **3.8**
- 'Attitudes towards protective clothing': **4.08**

Conclusion

- Attitudes towards Covid-19 prevention measures and protective clothing were generally positive.
- Attitudes toward pre-colonoscopy swabbing were lowest and in particular among minority groups

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