

ASSESSMENT OF THE LEVEL OF KNOWLEDGE AND MOTIVATION IN A HOSPITAL CENTER STAFF FOR GETTING VACCINATED AGAINST SARS-CoV-2

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BACKGROUND AND IMPORTANCE

When there were still some doubts in the population about efficacy and safety of the vaccines for SARS-CoV-2, healthcare professionals were among the first to be vaccinated in our country.



AIM AND OBJECTIVES

To analyze the level of knowledge and motivation for getting vaccinated against SARS-CoV-2 in a hospital staff to the administered COVID-19 mRNA vaccine.



MATERIALS AND METHODS

STUDY: Descriptive, observational and retrospective.

CRITERIA INCLUSION: All hospital staff vaccinated with COVID-19 mRNA vaccine and who had signed the informed consent for data collection.

METHODS: Through telephone interview, sociodemographic data were collected and also questions about the assesment of the level of knowledge and motivation for getting vaccinated SARS-CoV-2.



The level of agreement/disagreement with the question made was considered using the Likert scale. Related qualitative variables were analysed using Chi2 technique.

$p < 0.05$ → statistically significant



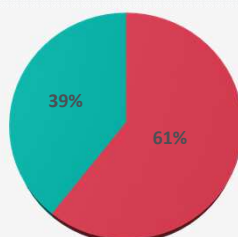
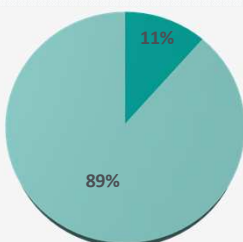
RESULTS

About 108 (88.5%) hospital staff were vaccinated. About 66 (61.1%) workers (81.8% women) with a mean of 42.7 ± 10.7 years old completed the interview and were included in the study. About 65 (98.5%) of the included staff belonged to the 18-65 age group.

QUESTION	DISAGREE n (%)	NEUTRAL n (%)	AGREE n (%)	STRONGLY AGREE n (%)
Are you motivated for geetting vaccinated?	7 (10.6)	8 (12.1)	15 (22.7)	36 (54.5)
Had you got technical information about the AEFI of the vaccine administered to you?	7 (10.6)	26 (39.4)	18 (27.3)	36 (54.5)
Before first dose: had you got technical information about vaccine administered to you?	10 (15.2)	27 (40.9)	18 (27.3)	11 (16.7)
Before second dose: had you got technical information about vaccine administered to you?	2 (3)	21 (31.8)	28 (42.4)	15 (22.7)
After second dose: had you got technical information about vaccine administered to you?	2 (3)	15 (22.7)	31 (47)	17 (25.8)
Had you been anxious, fearful, or worried for being vaccinated?	35 (53)	14 (21.2)	10 (15.2)	7 (10.6)
Would you get vaccinated again, if necessary?	5 (7.6)	3 (4.5)	7 (10.6)	51 (77.3)

Hospital staff

■ Not vaccinated staff ■ Vaccinated staff ■ Took medication for alleviate symptoms ■ Did't take medication



Significant correlations founded:

1. More knowledge about AEFI means to be more motivated to be vaccinated ($p = 0.037$)
2. More level of Technical Information means to have more desire to get vaccinated again, if necessary ($p = 0.001$) and less use of drugs to relieve symptoms ($p = 0.027$)



CONCLUSIONS AND RELEVANCE

Nearly 90% of our hospital staff was vaccinated against SARS-Cov-2. The knowledge about the AEFI determined motivation for getting vaccinated. Besides, level of staff's motivation determined a less consumption of medication to alleviate symptoms, as well as more trend to receive a new dose, if necessary.