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 about the 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 assessment of the level of knowledge and motivation for getting vaccinated SARS-CoV-2.

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 getting 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)

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.

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)