Knowledge, Practice and Attitude Toward COVID-19 Among Physicians: Cross-Sectional Study.

Saddam Al Demour[1], Mera ababneh[2], Raed Al-Taher[1], Adel Alrabadi[1], Ahmad Jaradat[3], Faris Abushamma[3], Fadi Al-Hadidi[1], Baeth Al-Rawashdeh[1], Mohammad Ihmeidan[1], Ahmad Abubaker[4], and Mohammad Al-Zubi[5]

[1]The University of Jordan Faculty of Medicine
[2]Jordan University of Science and Technology Faculty of Pharmacy
[3]An-najah National University Faculty of Medicine and Health Sciences
[4]Jordan University of Science and Technology Faculty of Medicine
[5]Yarmouk University Faculty of Medicine

May 28, 2020

Abstract

Abstract: Aim: Coronavirus disease-2019 is an emerging disease that is threatening the world with a rapid increase in cases and deaths since it was first identified in December 2019. Our study aimed to assess the knowledge, practice, and attitude toward COVID-19 among physicians in Jordan and Palestine. Method: This is a cross-sectional study using an online survey conducted in April, 2020. A 36-items survey was developed and invitations were sent to physicians in different health sectors using social media. Results: A total of 454 physicians participated in this study with a mean age 36.2 ? 10.8 years. The mean score of basic knowledge was 4.4 ? 0.8, and there were significant statistical differences between basic knowledge mean scores among physicians in different professional degrees and physicians in different health sectors (P=0.0315, P=0.0137 respectively). Participants showed appropriate practical measures toward COVID-19, where the mean scores of indications for PCR test, indications for home quarantine, self-protection measures, and measures if physician self-suspected of COVID-19 were 5.4 ? 1.4, 5.0 ? 1.0, 6.1 ? 1.1, 9.9? 1.1 respectively. The mean score of attitudes toward COVID-19 were 41.5 ? 3.3 and significantly related to the age and different experience years (P=0.0022, P=0.0077 respectively). Conclusion: As the global threat of COVID-19 continues to emerge, it is critical to improve the knowledge, practice, and attitudes of physicians worldwide.

Title : Knowledge, Practice and Attitude Toward COVID-19 Among Physicians: Cross-Sectional Study.

Short title : Knowledge, Practice and Attitude Toward COVID-19

[1]Saddam Al Demour, [2] Mera Ababneh,[3] Raed Al-Taher, [1]Adel Alrabadi,[4,5]Ahmad Jaradat, [4,5,6]Faris Abushamma, [7] Fadi Al-Hadidi, [8] Baeth Al-Rawashdeh, [1] Mohammad Ihmeidan,[9]Ahmad Abubaker, [10] Mohammad Al-Zubi.

[1] Department of Special Surgery, Division of urology, School of Medicine, The University of Jordan, Amman 11942, Jordan.

[2] Department of Clinical Pharmacy, Jordan University of Science and Technology, Faculty of Pharmacy, Irbid 22110 Jordan.

[3] Department of General Surgery, Division of Pediatric Surgery, School of Medicine, The University of Jordan, Amman 11942, Jordan.

1

[4] Department of Medicine, Faculty of medicine and health Sciences, An-Najah National University, Nablus 44833, Palestine.

[5] Department of urology, An-Najah National University Hospital, Nablus 44833, Palestine.

[6] Bristol Urological Institute, North Bristol NHS Trust, Bristol, United Kingdom

[7] Department of Special Surgery, Division of Orthopedics, School of Medicine, The University of Jordan, Amman 11942, Jordan.

[8] Department of Special Surgery, Division of Otorhinolaryngology, School of Medicine, The University of Jordan, Amman 11942, Jordan.

[9] Department of Anesthesia, Jordan University of Science and Technology, Faculty of Medicine, Irbid 22110, Jordan.

[10] Department of Urology, Yarmouk University, Faculty of Medicine, Irbid 21163, Jordan

corresponding author:

Saddam Al Demour

Department of Special Surgery, Division of urology, The University of Jordan, School of Medicine, Amman 11942, Jordan.

Telephone: +962799144000

Orcid ID: https://orcid.org/0000-0003-4044-0927

Email: saldemour@ju.edu.jo

Hosted file

`Manuscript with title, abstract,main text, tables.docx` available at https://authorea.com/users/327328/articles/454903-knowledge-practice-and-attitude-toward-covid-19-among-physicians-cross-sectional-study