



THE NETWORK
TOWARDS UNITY FOR HEALTH



Facultad de Medicina



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VIRTUAL CONFERENCE

**"PRIMARY HEALTH CARE: A PATH
TOWARDS SOCIAL JUSTICE"**

**SYSTEMS AND COMMUNITY BASED
RESPONSES TO COVID-19**

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TUFH 2020 Abstracts

Title	An evaluation of knowledge among medical students on WASH (water, sanitation and hygiene) and it's interaction with IPC measures (infection prevention and control) for tackling the novel COVID-19 in Sudan in the year 2020.
Type	Oral Presentation <i>Systems and Community Based Responses for COVID 19</i>
Presenting Author	FATIMA ARBAB
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Abstract N°	TUFH510
Content	<p>Introduction Owning to widespread uncertainty and disagreement about the appropriate roles of medical students during a pandemic, medical students potentially form part of a health care system's response to public health emergencies. They have a crucial role to play in regards to raising awareness to help fight this pandemic. Since students are one of the key players, are they themselves acknowledged on WASH and its intersection with the preventive measures? Purpose To measure and assess medical student's knowledge towards WASH and the interaction with IPC measures to ensure that they deliver updated health information to best serve the community. Methods A cross sectional study by simple random sampling in which a questionnaire was filled by 127 medical students,in different study levels, setting was on online platform. The questionnaire contained the following questions: Knowledge on correct hand hygiene, water disinfection and sanitation, importance of PPE, survival of the virus in drinking water/sewage, excretion of COVID-19 virus in faeces and its culture in a stool specimen, faeco-oral transmission, survival of the virus on surfaces, the use of ash or mud or water only in hand hygiene, awareness about WHO hand washing guidelines, preventive measures they take and effectiveness of different masks. Results Unfortunately, only 38.58% showed good knowledge, while 61.42% showed poor knowledge. Conclusion With the percentages stated above,its agonizing to say that a large number of medical students aren't fully aware of different aspects in WASH and this will definitely affect the quality of the health information they're providing.</p>