



THE NETWORK
TOWARDS UNITY FOR HEALTH



Facultad de Medicina



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"PRIMARY HEALTH CARE: A PATH
TOWARDS SOCIAL JUSTICE"

SYSTEMS AND COMMUNITY BASED
RESPONSES TO COVID-19

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TUFH 2020 Abstracts

Title	Blood and Blood Products Shortage During COVID-19 Pandemic; The Role of Community Mobilization and Participation, Experience from Sudan
Type	TUFH Oral Presentation <i>Systems and Community Based Responses for COVID 19</i>
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Content

Introduction: During emergency situation as in the current COVID-19 outbreak the process of blood donation is extremely difficult with obstacles facing the health system. Mainly, due to the lock down and fear from coming blood bank in the hospital for donation due to outbreak of COVID-19. Objectives: This study answered the research question; how to overcome the shortage on blood and blood products in COVID- 19 outbreak, in view of community participation. Methodology: As a response to emergency situation in COVID-19 outbreak, urgent call for the donors was released in coordination with youth committee in different squares. Mobile campaign team from health promotion administration and blood bank. The activity precedes by comprehensive community mobilization and awareness. All preventive measures were adopted during the blood donation process. Results: During this period of COVID-19 pandemic the number of campaigns conducted were 26 and 1176 donors donated. Majority of them were university students (82%) and female represented 2.9%. This achieved campaigns represented 86.1% of the target campaigns and donation. This campaign made the blood and blood available for 3 central blood banks, 4 tertiary hospitals and 2 rural hospitals. Conclusion: By active community mobilization we successfully overcome the problems of blood shortage during COVID-19 pandemic. Educational programs are necessary to increase the level of awareness of population toward blood donation. Regular campaigns organization recommended for the availability of blood and blood donation in emergency situation. Keyword: Community mobilization, blood donation, COVID-19, Sudan