

Emergency medical services in sindh, pakistan: Flood 2022

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Sindh is the worst affected province by the floods-2022 in the country, having affected more than 12.4 million people in the province. Pakistan Red Crescent Society (PRCS) is auxiliary to Govt of Pakistan with the motive of health system strengthening. PRCS played a remarkable during emergency situations such as during the flood disaster 2022 in Pakistan, to understand the patient's need for services PRCS along dedicated volunteers, respond in the worst flood-affected districts of Sindh including Larkana, Sehwan-Janshoro, Jacobabad, Thatta and Dadu. We used a mixed method approach for this research study, qualitative and quantitative evidence-based data was collected during emergency response interventions in the Sindh during the flood response. Qualitative data was achieved from text, videos, images and focus group interviews. Additionally, quantitative data was also received from mobile health teams and Psycho-Social Supporters. We developed a successful Emergency Medical Services response model that can be replicable at national and international level.

Specific Achievement:

(1)-Mobile Health Teams to reach the most vulnerable communities as the infrastructure was damaged (2)-Public Health awareness campaigns and IEC material on disease prevention. (3)-Hygiene sessions along with hygiene kits and menstrual hygiene management (MHM) awareness (4)-Psycho-Social Support for flood affected population.

Pakistan Red Crescent played a pivotal role in the emergency medical services provision. Our research signifies the role of volunteers in providing immediate medical care, mobilizing resources, and ensuring effective coordination to address medical emergencies effectively. It highlights the dedication of PRCS and its contribution in the health systems strengthening. On the basis of our successful model of medical care services in the flood affected areas, we began rehabilitation phase in the health sector with the development and rebuilding of Basic Health Units, MHPSS and PSS program we 're planning to initiate more interventions such as, emergency ambulance services across Pakistan, development of most modern data management systems including cloud base volunteer management system and a replicable model of Mobile Health Units to response in emergencies and humanitarian crisis.