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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

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| Title | Data Management System to Combat Antimicrobial Resistance |
| Type | Oral Presentation <i>Intersectoral Collaborations and the Social Determinants of Health</i> |
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| Country | Kenya |
| Abstract N° | TUFH171 |
| Content | <p>Study background: There is inadequate surveillance and data collection on antimicrobial usage. Worldwide, only 42 countries have a system to collect data on antimicrobial use in livestock. The main challenges in combating Antimicrobial resistance (AMR) include unavailability of data and low level of awareness. In 2017, the Kenyan government launched the National Action Plan (NAP) and Policy on antimicrobial resistance using a One Health approach. Awareness creation among the population using accurate data is one essential approach to tackling AMR. Objective: This project aims to create a data management system, where data on antimicrobial use in humans, plants, and livestock, and the patterns of resistance will be entered and centrally managed. Besides, the project will analyse the data collected and disseminate it hence creating awareness. Methodology: A centralized system will be created to collect data on antimicrobial use. The data will be collected from agriculture, animal and human health departments. The systems will analyse the data and make the information available to users through online and periodic offline channels. It will also be used to monitor the resistance patterns. A centralized Antimicrobial Board will manage all this. Targeting the social determinants of health regarding knowledge, attitude, culture, and social norms of the people, the dissemination of information to the community members will take into account these factors to increase AMR awareness hence improving people's health and wellbeing. Conclusion: The Data Management System will be instrumental in combating AMR through a One Health approach and increasing awareness among the public.</p> |