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DHIS2 based electronic logistics management information system (eLMIS) for priority maternal, newborn and child health (MNCH) medicines**Mohammad Julhas Sujan**

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DHIS2 is the flexible, web-based open-source information system with awesome visualization features including GIS, charts and pivot tables. DHIS2 has been using in Bangladesh for collecting aggregated data in different levels like District Hospital (DH), Civil Surgeon Office (CSO), Upazila Health Complex (UHC), Union Sub Center (USC), Community Clinic (CC) and other health related NGO's/Facilities. Ultimately, incorporate and inaccurate logistics data for priority maternal, new born and child health (MNCH) which is totally paper based system in Bangladesh. To make the priority MNCH medicines logistics system in electronic platform now DHIS2 is a great system for medicine data collection. We have developed a mechanism that is managing MNCH medicines data through DHIS2 and Ministry of Health and Family Welfare (MoHFW) logistics portal Supply Chain Management Portal (SCMP). We have implemented DHIS2 Based eLMIS in 11 districts around 2500 facilities. Successfully exporting DHIS2 data through server side language with MySQL and PostgreSQL database and server side based calculated data inserting in SCMP database. As a result we are able to track reported, non-reported, national stock, monthly stock, stock out facilities, number of days stock out, data monitoring, timeliness, nearest expiry medicines, nearest expiry quantity and data upload statistics. Finally, data entry reporting rate has increased from 60% to 92%, average reporting rate has increased from 70% to 89% and Bangladesh government can take necessary steps for stock out facilities. They are procuring medicines based on the data and finally maternal, born and child health mortality has minimized.

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