



Newsletter

Issue 7 • October 2021

1. Introduction

The Maternal and Perinatal Database for Quality, Equity and Dignity (MPD-4-QED) programme in Nigeria which commenced on 1 September 2019 is in the third year and has continued to collect maternal and perinatal data from 54 tertiary level public and private health facilities. We are pleased to report that from 1 September 2019 to 31 October 2021, a total 178,621 women and babies were enrolled under the programme's electronic platform. By the third year, we have enrolled 145,057 women who delivered in the participating health facilities, 9590 gynecological admissions and 23,974 babies born outside the health facilities and were subsequently admitted to the special care baby units. Death audits are being conducted for all maternal deaths, stillbirths and early neonatal deaths. To date, the data for 50 COVID positive Nigerian women has been captured.

In this newsletter, we will be sharing the plans for transition of the MPD-4-QED programme to the Federal Ministry of Health (FMOH), two stories on the use of MPD-4-QED data, the most recent data from the programme and feature some outstanding Medical Record Officers (MROs) involved in the programme. The MROs are being featured because they have enrolled the highest number of clients in the various regions of the country. We will also be featuring the new data analyst and saying farewell to several members of the MPD-4-QED programme who have had to handover their responsibilities for the programme to other persons.

2. Transition of MPD-4-QED Programme to the Federal Ministry of Health

In the last two and a half years, WHO's vision to establish a standardized and uniform electronic platform for collection, collation and audits of routine maternal and perinatal data in referral level health facilities in Nigeria continues to be on track. The programme is used for monitoring clinical care performance and to inform quality improvement strategies for mothers and newborns. After completing two years of successful data collection, the Hon. Minister of Health, Dr Osagie Ehanire, approved the adoption and integration of the Nigeria Maternal and Perinatal Database for Quality, Equity and Dignity (MPD-4-QED) programme as a programme of the FMOH to strengthen implementation of the Maternal and Perinatal Death Surveillance and Response (MPDSR) and Quality of Care Programmes. The Programme will also be an entry point for health facilities assessment in the tertiary level of care. A two-day stakeholders' meeting in Kano State, Northwest Nigeria was hosted by the FMOH in collaboration with WHO to build consensus and define a transition plan for the seamless take-over of the programme by the FMOH.

In April of 2019, the Hon. Minister of Health launched the WHO-supported MPD-4-QED Programme in 54 tertiary (48 public and 6 private) health facilities nationwide with funding from MSD for Mothers. Currently in its third year of data collection, the project has over 170,000 pregnant women and newborns enrolled into the database and an average death audit rate of 90%. The MPD-4-QED Programme has successfully demonstrated the feasibility and effectiveness of establishing such a standardized electronic platform for



Federal Ministry of Health focal points for maternal and perinatal health, hospital services and Information Communications for Technology with representatives of National Primary Health Care Development Agency, Kano State Hospitals Management Board, MPD-4-QED Coordination Centre Amino Kano Teaching Hospital, eHealth4everyone and the World Health Organization at the transition meeting in Kano.

routine maternal and perinatal health data in the health facilities.

The Department of Family Health, FMOH led the process of bringing together the relevant departments of the Ministry with key roles to play in the governance of tertiary level care, management of health information as well as information & communication technology (the Hospital Services and ICT), the National Primary Health Care Development Agency (NPHCDA) and Kano State Ministry of Health, to discuss and define a strategy for transitioning the MPD-4-QED programme seamlessly to the FMOH. Representatives of the MPD-4-QED programme (Regional Coordinators, Medical Records Officers and Hospital Coordinators), the Coordination Team, Ehealth4everyone Ltd, MSD for Mothers and WHO were on hand to provide technical advice and guidance on the operations and requirements to sustain the database.

The main objective of the transition planning meeting was to develop a 6-month transition plan for the take-over of responsibilities for the MPD-4-QED Programme by the FMOH by the end of February 2022 with recommendations for a more sustainable model of the programme for the FMOH, definition of roles and responsibilities for the relevant Ministry, Departments and Agencies and participating hospitals for continued management.

According to the Director of Family Health ably represented by the Director in charge of Newborn Health, Dr John Ovuoraye, “the MPD-4-QED programme’s main function is the generation of quality of care data and conduct of death audits for maternal and perinatal health. It could also be expanded to serve as a quality of care tracking tool for all levels of care to support quality improvement for RMNCAEH+N”.

The Director of Hospital Services, represented by the Deputy Director in charge of the Inspectorate Division, Dr Kamil Shoretire, added that “the transition period will be focused on strengthening Government’s leadership in its implementation in the tertiary facilities until Government’s ownership model is stable before scaling up to other service delivery points and levels of care”.

A courtesy visit was made to the management of Aminu Kano Teaching Hospital which has housed the MPD-4-QED Central Unit in its African Centre for Excellence in Population and Reproductive Health in the last two years. The Chief Medical Director, Prof. Abdurrahman Abba Sheshe, applauded the Government’s move to take over leadership of the programme as a step in the right direction. He said “the MPD-4-QED Programme has given our hospital the opportunity to be part of history making and recognition based on its involvement in the MPD-4-QED programme and we are committed to continue to provide the needed support to the programme in our health facility”.

At the end of the meeting, participants had come up with a 6-month transition and 2022 post-transition work plans, with roles and responsibilities for the different Departments of FMOH, SMOH, NPHCDA and MPD-4-QED Coordination Team and a Communique on the proceedings and output of the meeting.

The Director of ICT, Mr Godfrey Atunlese, expressed the readiness of the ICT department to commence the processes that would enable the Ministry take over the hosting and maintenance of the MPD-4QED Dashboard.

There was a strong recommendation for Government to take immediate ownership and leadership of the MPD-4-QED Programme and commence implementation of the developed

work plans immediately. Based on the consensus reached, FMOH focal points are beginning to lead the coordination and management of the programme with the MPD-4-QED central coordinating team and WHO providing technical support as needed.

3. Impact of MPD-4-QED Programme on The University of Medical Sciences Teaching Hospital Complex, Ondo State, Southwest Nigeria

Dr Lawal Oyeneyin (Hospital Coordinator)

The University of Medical Sciences Teaching Hospital Complex (UNIMEDTHC), Ondo state came into being on the 7 August 2018, following the amalgamation of seven Ondo state-owned institutions domiciled in three different locations namely; the Medical Village site in Ondo City [comprising the former Ondo State Trauma and Surgical Centre, Mother and Child Hospital as well as the Kidney Care Centre], the former State Specialist Hospital Ondo and the State Specialist Hospital Akure [including the Millennium Eye Centre as well as the Dental Headquarters]. The UNIMEDTHC sites have a combined capacity of 428 beds out of which the Department of Obstetrics & Gynecology (O & G) takes up 119 divided between the Akure (63) and Medical Village (56) sites.

The vision of the unified Department of O & G is to be the first-choice tertiary care facility in the provision of affordable, qualitative obstetrics, gynecological and newborn health services. Its mission statement is to provide integrated and patient-centered specialized care with strict adherence to best global practices.

Expectedly, a major challenge at inception was coordinating medical records activities and data collection within the departments across the two sites which are about 50km apart. This led to bottlenecks and delays in organizing review meetings and formulating evidence-based hospital policies. To complicate matters, the initial plan of the hospital management to institute an electronic medical records system was hampered by paucity of funds.

The enrolment of UNIMEDTHC into the MPD-4-QED program in the third quarter of 2019 was a panacea to the teething challenges encountered. The program provided our Medical Records Officers with tablets embedded with software that allows maternal and perinatal data to be uploaded in real time and stored in the clouds. These data are now easily retrievable from the web-based platform or sourced from the weekly summaries sent to individual emails from the Central Coordinating Team in Kano.

An instance of the applicability was an urgent 24-hour request by our supervising Ministry of Health early this year for a summary of UNIMEDTHC's maternal health statistics for the

year 2020 to establish the impact of the COVID-19 pandemic. Ordinarily that would have been an arduous task considering the short notice. Thankfully, we were able to do the needful and make the statistics available in record time with the aid of MPD-4-QED platforms. Another instance related to the state committee on maternal and perinatal deaths surveillance and response that were able to utilize the MPD-4-QED data to facilitate activities and report on accurate statistics that led to sound policy recommendations.

There is no doubt that the MPD-4-QED platform has been of tremendous benefit to the UNIMEDTHC bearing in mind the latter is one of the busiest facilities enrolled. The hospital management is committed to supporting the program as improving the quality of care of patients through ready access to data is in line with the facility's vision and mission statement.

4. Experience of Aminu Kano Teaching Hospital being involved in the MPD-4-QED programme

Prof Jamilu Tukur (National Coordinator) and Dr Labaran Aliyu (Hospital Coordinator)

The role of AKTH as national coordinating unit

The Aminu Kano Teaching Hospital (AKTH), located in Kano State Northwest Nigeria, is one of the early beneficiaries of the MPD-4-QED programme. The national coordinating center (consisting of the office of the national coordinator and the data analyst) as well as the regional coordinating office for the Northwest are all domiciled in AKTH. The national coordinating office is located in the African Center of Excellence for Population Health and Policy within AKTH. This is due to the cooperation granted the programme by the hospital's management from inception of the programme.

At the commencement of the programme in early 2019, the management indicated its interest to host the programme in the institution due to the several advantages of a national maternal and perinatal database. In addition, several presentations were made to various stakeholders including the departments of Obstetrics and Gynecology, Pediatrics and Medical records. The purpose of the presentations were to intimate all members about the project, its objectives and its modus operandi and the role each individual will play for the success of the project. The Management of AKTH has shown interest since the inception of the MPD-4-QED programme and has cooperated with the national and regional team to ensure the success of the programme. It has also maintained a key interest in the indicators being generated by the platform. Among the indicators being used by the hospital to improve care are the maternal mortality rates and their causes, perinatal mortality rates and their causes as well as the quality of care indicators.



Representatives of the Federal Ministry of Health, National Primary Health Care Development Agency, Kano State Hospital Management Board, MPD-4-QED collaborators and the World Health Organization on a courtesy visit to the Chief Medical Officer Director and management team of Amino Kano Teaching Hospital.

Recently a team from the Federal Ministry of Health (FMoH), officials of the National Primary Health Care Development Agency, Kano State Hospital Management Board, World Health Organization (WHO), some regional coordinators, national coordinating team and other collaborators visited the management of AKTH to thank them for the cooperation that has so far been granted to the national coordinating center. The hospital management was happy to host the national programme and pledged full cooperation to the FMoH and the WHO towards the reduction of maternal and perinatal mortality in Nigeria.

Success and challenges

At the beginning, MROs were slow at entering patients' information accurately on the platform but with time, this has improved and the experience gained using the platform has helped improve the quality of the record system of the hospital.

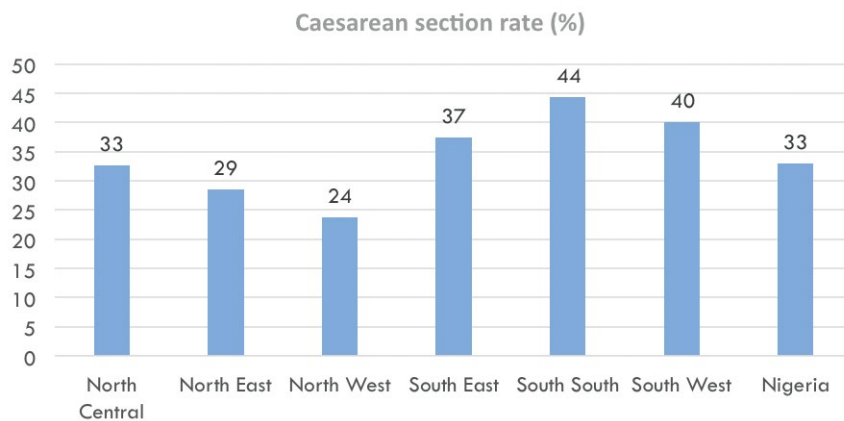
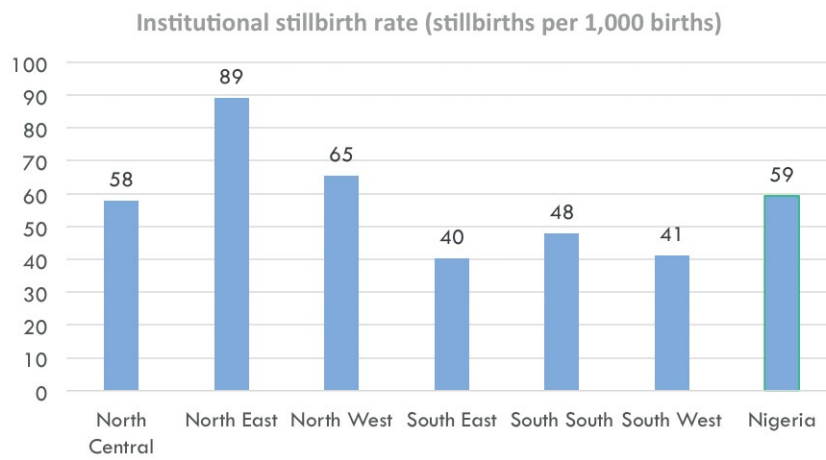
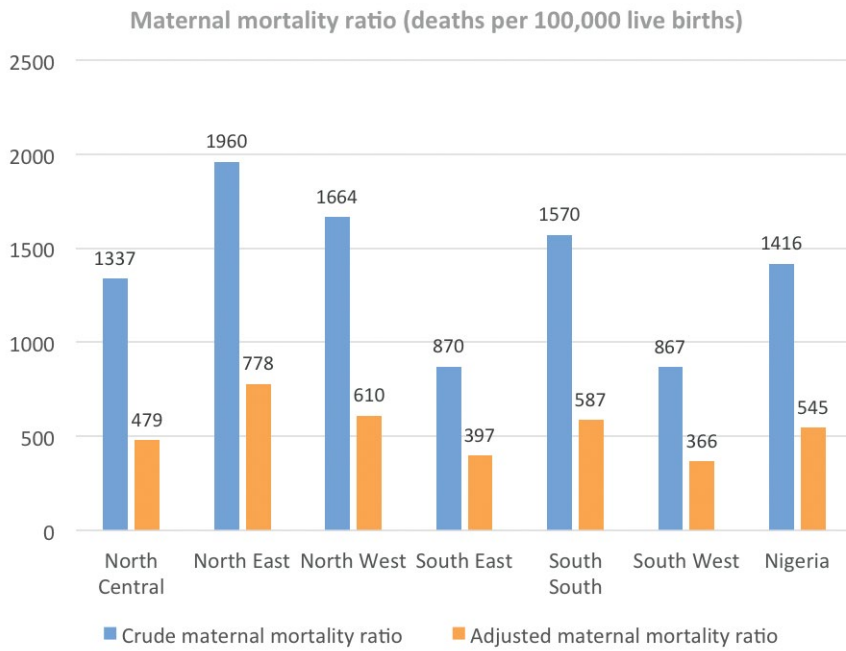
For the medical record officers and other record officers, the program has helped to improve their work and sometimes they even use the MPD-4-QED platform to access patient's information when they cannot easily get it from their archives.

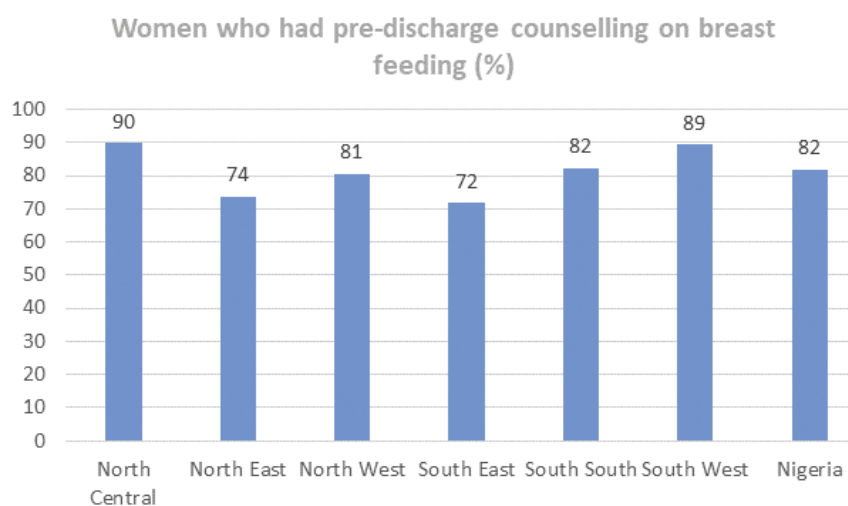
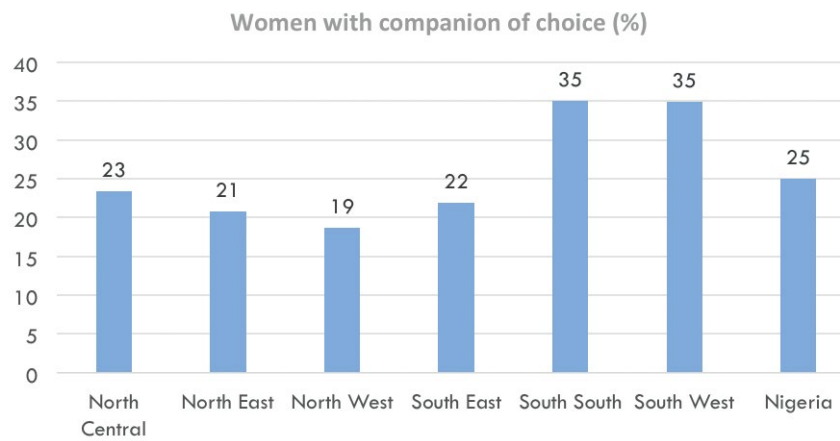
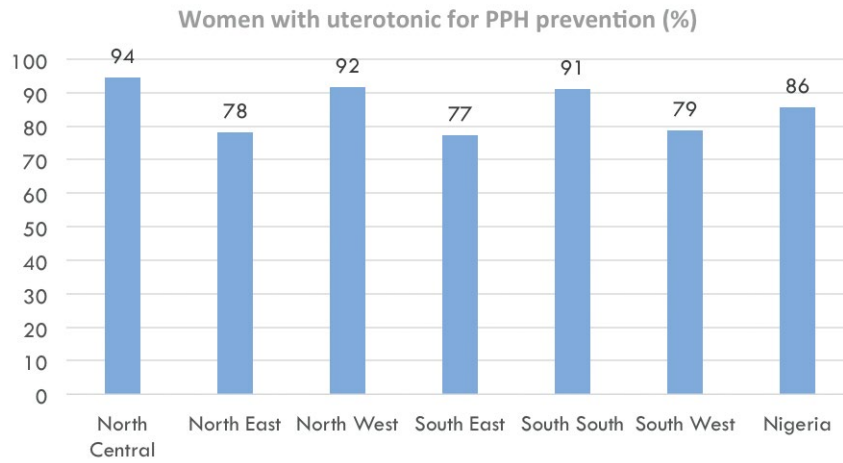
Initially, the MROs encountered problems retrieving patients' files for entry and auditing which created a lot of missing audits which required a meeting of the team from which new strategies to mitigate this evolved. These included, among other things, auditing in the first 24 hours after any maternal and /or perinatal death and marking audited patients' files for easy tracing in case more information is needed.

Towards the end of the second year the group met with the Chairman Medical Advisory Committee (CMAC) to inform him that the project was about to come to an end and enquired about plans by the hospital management to seamlessly continue using the platform. The CMAC responded that the management is planning to organize a training for all medical record staff on how the platform operates and how it is going to replace the old system the hospital has been using in data collection and management. It is hoped that the hospital will continue this programme in order to benefit from its various advantages.

5. National and regional QED indicators on the MPD-4-QED programme

(1 September 2019 to 31 October 2021)





6. Outstanding achievement of Medical Record Officers

The MPD-4-QED programme would like to recognize the outstanding achievement of the following Medical Record Officers who contribute to the programme: Umar Adamu Akoshi, Azeezat Temitope Nurudeen, Ali Yahuza, Hussaini Sulaiman, Edna Obi, Muhammad Nasiru Wamakko, Anyalagbuna Catherine Chidiebere, Chukwunonso Favour Ogechukwu, Aghayore Itohan Oasis, Ejefii Ufuoma, Adeoye Abiola Elizabeth and Oyeyemi Taiwo Marufat. Here we hear about the experience of each of the MROs.

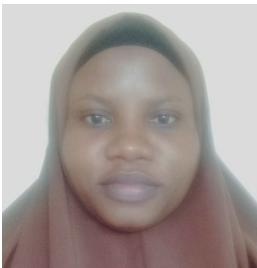
“What I like about the MPD-4-QED program is the way it is built to assess or evaluate the quality of medical attention given to pregnant women and their babies, through data collected from different hospitals.”

Aghayore Itohan Oasis (Medical Records Officer at the University of Benin Teaching Hospital, Benin City)



Umar Adamu Akoshi is a Senior Medical Records Technician and Assistant Disease Surveillance Notification Officer courtesy of WHO. He is also the MRO in charge of Obstetrics and Gynecology Clinic at Dalhatu Araf Specialist Hospital Lafia Nasarawa State and an active MRO for MPD-4-QED programme. He obtained his certificate in National Diploma In Health Information Management and Diploma In Computer.

“What I like most about MPD-4-QED platform is that it compiles and analyzes data from different health facilities across the nation into the database with the aim to ensure quality services are provided to patients in order to develop proper solutions on maternal and perinatal mortality.”



Mrs. Azeezat Temitope Nurudeen is a Senior Health Records Officer at the University of Ilorin Teaching Hospital (UIITH), Ilorin, Nigeria. She holds a Higher National Diploma in Health Information Management with Distinction at the School of Health Information Management, Ilorin, Nigeria. She is a Community Immunity Ambassador having attended a certificate course at the Mohammed Bin Rashid University of Medicine and Health Sciences, United Arab Emirates. Also, she holds a short course certificate of the prestigious London School of Hygiene & Tropical Medicine, United Kingdom in 2020. She has participated at several workshops and seminars including the workshop organized by World Health Organization (WHO) with the theme “Introduction to Go.Data – Field data collection.



Ali Yahuza is a Medical Record Officer from University of Maiduguri Teaching hospital, Maiduguri, Borno State in department of health information management.

“I have a secondary school certificate and one year working experience in health information management. He is the MRO for MPD-4-QED Programme. The MPD-4-QED platform is a very easy to use platform.”



Hussaini Sulaiman is a Medical Records Officer working at Abubakar Tafawa Balewa University Teaching Hospital Bauchi.

His Qualifications are B.Tech Information Technology from Abubakar Tafawa University, Diploma in Science Laboratory Technology from ATBU, Bauchi and a Professional Diploma in Web Design and Diploma in Computer Operations.

“What I like about the MPD4QED Project is the effort been made by WHO to ensure the reduction of maternal and perinatal death and to improve the quality of health care service delivery by collecting the maternal and perinatal data across the six geopolitical zones of the country.”



Edna Obi is Medical Record Officer at Aminu Kano Teaching Hospital, Kano Nigeria. She obtained her Diploma in information technology application (HiiT) Higher National Diploma in Health Management Technology and Post-graduate Diploma In Health Economics. She participated in UNICEF National program in hypertensive disorder in pregnancy (HPDS).

She is the Medical Record Officer for MPD-4-QED programme at Aminu Kano Teaching Hospital, Kano State.



Muhammad Nasiru Wamakko is a Senior Health Record Officer. He holds a Bsc Certificate In Health Information Management and works at the Usmanu Danfodio University Teaching Hospital, Sokoto. He is Medical Record Officer for MPD-4-QED Programme. He works hard to ensure that he collects accurate data for the programme.



Anyalagbuna Catherine Chidiebere she is in the Statistics Unit, Health Records Department (Out patients statistics precisely) working in Federal Medical Centre, Owerri Imo State.

She obtained her Higher National Diploma in Health Information Management and is one of the MROs trainee in data collection of the MPD-4-QED Programme.

"MPD-4-QED is a means of collecting data making sure all data are correctly entered and to enhance appropriate policies made in reducing perinatal and maternal morbidity and mortality rate in the world."



Chukwunonso Favour Ogechukwu is a Medical Record Officer working with Federal Medical Centre, Owerri.

She obtained her National Diploma and Higher National Diploma in Health Information Management. She is a Medical record officer working with the MPD-4-QED programme.

"What I like about the platform is the detailed data collection procedure that will enable us make plans in reducing Maternal and Perinatal burden in Nigeria."



Aghayore Itohan Oasis is a Medical Records Officer at the University of Benin Teaching Hospital, Benin City. She obtained her National Diploma and Higher National Diploma in Health Information Management and Post Graduate Diploma in Public Administration.

"What I like about the MPD-4-QED programme is the way it is built to assess or evaluate the quality of medical attention given to pregnant women and their babies, through data collected from different hospitals."

"It also exposes us to the importance of data collection, which eventually gives valid conclusions and relevant recommendations to improve maternal and perinatal health care."



Ejefii Ufuoma is a Health Records Officer at St Philomena Catholic Hospital Benin City.

She obtained her National Diploma and Higher National Diploma in Health Record Management, she is a desk officer collecting data and also Medical Record Officer for MPD-4-QED Programme.

"What I like most about MPD-4-QED programme is that the data generated one day will improve the health system of Pregnancy Woman in Nigeria."



Adeoye Abiola Elizabeth is a principal Medical Records officer working at Adeoyo Maternity Teaching Hospital Yemetu, Ibadan.

She holds the following qualification: Higher National Diploma in medical Records, BSC in Health information management. She is a Medical Record Officer for the MPD-Q-4QED Programme at Adeoyo Maternity Teaching Hospital Ibadan, Oyo state.

"What I like about MPD-Q-4QED, is that, it makes us investigate and resolve information about patients and also to generate accurate data about patients coming to our facility."



Oyeyemi Taiwo Marufat is Medical Record Officer working at State Maternity Hospital Adeoyo Ibadan, Oyo State. She Obtained her Degree in Statistics at University of Ibadan. She is the MRO for MPD-4-QED programme in State Maternity Adeoyo Hospital Ibadan.

“What I like about the platform is the detailed data collection procedure that will enable us make plans in reducing Maternal and Perinatal Death Nigeria.”

ANNOUNCEMENTS

Departure from the Programme

Ishaq Aminu, the Data analyst who has been with the programme from inception, has left for another assignment

Joy Tile of eHealth4everyone has also left for another assignment

Arrival to the Programme



Hasheem Ibrahim Bello is a statistics graduate from the Abubakar Tafawa Balewa University Bauchi, Nigeria. Hasheem joined the MPD-4-QED Programme as a Data Analyst from September, 2021 as a replacement of Ishaq Aminu the previous Data Analyst of the programme. He works closely with all Collaborators of the program (i.e WHO, MPD-4-QED National Coordinating Center Unit, Regional Coordinators, Hospital Coordinators and Medical Record officers) on all aspects of data analysis of the programme. He believes that the Data from MPD-4-QED platform if managed accordingly will greatly help to reduce Maternal and Perinatal Mortality rate in Nigeria.

Joyce Afolabi and **Christian Ekwomadu** have joined the eHealth4everyone team.

Appointments

Prof Jamilu Tukur, the national coordinator of the programme, has been appointed the Provost of the Umaru Musa Yaradua University, Katsina

Dr John Ovuoraye, the Deputy Director Newborn, Federal Ministry of Health, had been promoted to Director in charge of Newborn Health.

Planned Activities

- Secondary data analysis by the various regions
- Monthly Regional Teleconferences for collaborators – November, December 2021

For further information, visit our social media platforms:

Website: <https://www.mpd4qednigeria.com>

Twitter: <https://www.twitter.com/mpd4qednigeria>

Facebook: <https://www.facebook.com/mpd4qednigeria>

This programme is supported by funding from MSD through MSD for mothers, the company’s \$500 million initiative to help create a world where no woman dies giving birth. MSD for Mothers is an initiative of Merck and Co Inc, Kenilworth, NJ, USA; and by the UNDP/UNFPA/ UNICEF/WHO/World Bank Special Programme of Research, Development and Research Training in Human Reproduction (HRP), a co-sponsored programme executed by the World Health Organization.

