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Lt. Gen. Theophilus Yakubu Danjuma (Rtd.) GCON is the Chairman and Founder of TY Danjuma Foundation. He is from Takum Local Government Area in Taraba State. Lt. Gen. Danjuma had an illustrious career in the Nigerian army retiring as Chief of Army Staff. He has also held top advisory positions to previous and the current president of Nigeria as Chairman of Presidential Advisory Councils. Lt. Gen. TY Danjuma is an astute, successful businessman and philanthropist. It is his impressive track record of philanthropic giving that culminated in the establishment of the TY Danjuma Foundation.

His Excellency, Arc. Darius Dickson Ishaku was elected into office in 2015. He was born in Lupwe in present Ussa Local Government Area of Taraba State on 30th July, 1954 to the family of Mr. and Mrs. Naomi and Ishaku Istifanus. In the area of community service and health care, His Excellency has been passionate and committed. This was affirmed through the support and collaboration with the TY Danjuma Foundation and Development Africa (NGO) to reduce infant mortality in the State and improve maternal health in rural areas. For this purpose, the Taraba State Government provided the land for the Rufkatu Danjuma Maternity, sponsored a laboratory, seconded State medical personnel and provided four additional accommodation units for doctors and medical personnel at the RDM.
**INTRODUCTION**

**HIGHLIGHTS**

**IMPACT HIGHLIGHTS: DECEMBER 2017 - NOVEMBER 2019**

**Year 1 & Year 2 Combined Highlights**

- Patient registrations: 4,481
- Patient consultations: 9,121
- Admissions: 1,769
- Infants delivered: 777
- Sets of twins/triplets delivered: 17
- Caesarean sections: 174
- Surgical procedures (other): 205
- Ultrasound scans: 1,954
- Immunisations given: 10,100
- Laboratory tests performed: 15,331
- EMT Keke ambulance trips: 1,009
Between December 2018 and November 2019, 2,357 new patients have registered, bringing the total number of patient registrations at the Rufkatu Danjuma Maternity (RDM) to 4,314. There have been 4,294 patient consultations, 1,040 admissions (including 222 blood transfusions), 420 deliveries (including 114 operative deliveries), and 10,602 laboratory tests. 187 surgical procedures were done with the overwhelming majority of those surgeries involving operative deliveries. 1,234 patients had ultrasound scans within the period under review. More than 7,525 people were immunized.

From its inception in December 2017 the Rufkatu Danjuma Maternity has provided exceptional maternity and under-5 care and services to the people of Takum and its environs. The goal of the RDM is to provide affordable and quality health care to improve the lives of the women and children in Takum and Taraba State.
The RDM is operated by a team of 38 doctors, midwives, nurses, sonographer, laboratory scientist and technician, administrative and other support staff. In addition, a consultant Obstetrician/Gynaecologist, Medical Officer and two nurses have been seconded to the RDM from Taraba State Ministry of Health.

As the RDM is equipped with high-quality medical equipment, the medical team have the tools they need to provide efficient, effective and quality health care services to the patients. With the addition of the blood bank by T.Y. Danjuma Foundation and a fully equipped laboratory sponsored by Taraba State Government, the RDM provides all investigative and blood supply/storage services on the premises. This further elevates the hospital’s capacity to provide optimal and comprehensive maternal and child medical care for this region of Taraba State.
Training sessions are periodically organized at the RDM for its members of staff as a means of updating their clinical knowledge and skills, as they pertain to the management of obstetric and associated conditions. As best practice conventions evolve globally, they are taught to members of staff at the RDM so that they are continually equipped with the information they need to give our patients the very best care that they deserve.

The RDM participates in the training of students attending the College of Health Technology in Takum. Students from the college are posted to the RDM for internships. One group of students has successfully completed their internship and a second group is now being trained within the premises.

The Taraba State Government donated an additional Emergency Mobile Transport (EMT) Keke ambulance to the RDM to convey women in labour or very ill patients to the hospital. These vehicles also transport patients who are weak but otherwise fit for discharge from hospital to their homes. 686 trips were made with the keke ambulances from December 2018 to November 2019.
The RDM facility is open every day, including weekends and public holidays. It is open 24-hours and attends to outpatients, inpatients and emergencies that are related to pregnant women and children aged 0-5.
Patient care is front and centre of the thoughts of the RDM staff. This is why, at the laboratory, the ultrasound room, the lying-in wards, the vital signs room, the delivery suite, and in the consulting rooms, the staff continually ensure that the patients who visit the facility get the best care and counselling possible using the most appropriate personnel and technology.
The equipping of the laboratory was approved by H.E. the Executive Governor of Taraba State, and its installation began in October 2018. This was completed and the laboratory was commissioned for use in January 2019.

With the commissioning of the laboratory, equipped with modern equipment relevant to the health needs of the community, the laboratory team began conducting numerous haematological and chemical investigations. These services are provided at minimal rates to ensure the continued access of community members to good quality maternal and paediatric healthcare. Test methods and quality control methods employed ensure that test results generated are reliable and error-free. Since the deployment of the laboratory, 10,602 tests have been performed, with the clear majority (about 17%) of these tests being Packed Cell Volume estimations. About 10% of tests so far performed have been blood haemoglobin genotype determinations, with hepatitis B serology, VDRL determination, and HIV serology each making up about 10% of tests performed.

Lt. General T.Y. Danjuma approved and facilitated the installation of a modern blood banking facility at the RDM. The equipment installed and the capacity it has brought ensures that at all times the RDM is capable of testing potential donors for transmissible diseases and infections, as well as confirming that such donors can safely donate blood to intended recipients. This bank has ensured that blood is always available in the facility for the appropriate handling of any emergencies that may arise in the context of the management of the pregnant woman, the new mother, the new-born, or the child. 222 transfusions have been carried out at the facility.
The immunization of women and children at the RDM has recorded tremendous success under the year in review. More chairs were purchased to accommodate the ever increasing number of mothers who bring their children to the RDM for vaccination against killer diseases. Working in collaboration with the government immunization team, we have immunized a total of 7,525 people between December 2018 and November 2019. These services are provided to all attendees for free. Beneficiaries do not have to be registered patients of the RDM.
The Rufkatu Danjuma Maternity in Takum has improved the access of citizens to good quality and timely health care delivery and has prevented many avoidable deaths of women and children. Some stories worthy of mention include:

Mrs Maigida Blessing Rimamshong is a known diabetic and hypertensive with a BMI of 43kg/m². She had delivered through caesarean section in 2016 on account of fetal macrosomia. When she presented in labour and due to her several comorbid conditions, a decision was taken that an elective caesarean section should be done on account of her pre-gestational diabetes, one previous caesarean section and a fetal macrosomia. A healthy baby was delivered weighing 4kg. Both mother and child are alive and well.
Mrs Kabiru Usman Bikira heard about the RDM and came in for ANC booking when the medical staff discovered that she had lost two previous pregnancies. The first, in 2014, ended with intrauterine fetal demise (or stillbirth) at 9 months gestation. She had to have a caesarean section to deliver but sadly the fetus had demised. Following the surgery, she had her first episode of seizure. The subsequent pregnancy, in 2016, ended in a preterm Cesarean delivery at 7 month gestation. Once again, the baby did not survive.

When she became pregnant for a third time she registered with the RDM for the first time. The pregnancy was difficult and she was admitted and eventually had to be kept under observation at the RDM for 2 months where she received all the necessary care. She had a repeat caesarean section at 34 weeks gestational age and the mother and baby are alive and well. She is currently receiving the needed care for her seizure disorder at a neuropsychiatry hospital where she was referred to.

Mrs Magaji Patience Tanimu is a 30 year old now mother of five, who came to the RDM seeking a second opinion after her previous pregnancy was delivered via a caesarean section with post surgical complications. She presented at about 17 weeks gestational age, with complaints of an unusually enlarged abdomen and generalised abdominal pain. An obstetric ultrasound scan done at booking revealed twin gestation, for which she was subsequently given special attention all through her ANC visits. At 36 weeks gestational age, another scan revealed that both fetuses were in breech presentation. She was scheduled for an elective caesarean section which she had at 38 completed weeks gestational age on account of one previous caesarean section plus twin gestation in breech presentation. She admits that unlike her previous surgery where she was in pain for more than a week, and in which she suffered some post surgical complications including life threatening sepsis and operation site wound breakdown, she was surprised at how she was taken good care of both before and after the operation at the RDM. She was left in awe at the fact that she didn’t feel so much pain and was surprised to be discharged after just 3 days post operation. Presently, Mrs Magaji and her babies are alive and well.
The system provides on-line real-time monitoring of solar strength and energy consumption by the DA management team so that the solar and inverter energy capacity could be optimised fully. Through this, the stand-by generator usage was kept to a minimum, thus limiting the negative impact on the environment as well as economic cost.

IMPACT

RENEWABLE ENERGY

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