Dining for Women

Super-nurses for maternal health: Kenya’s first Nurse Mentor Training Center

July 2020 interim report
Background: There is a pressing need to improve the life-saving skills of maternity nurses in Kenya through training at the facility.

The Challenge

- 61% of moms in Kenya deliver in healthcare facilities\(^1\)

- Nurses attend to ~90% of the deliveries in facilities

- Inadequate skills and monitoring account for >50% of maternal deaths\(^2\)

- Sub-standard care is identified in **9 out of 10** maternal deaths\(^2\)

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\(^1\) Kenya DHS report 2014
\(^2\) Kenya Ministry of Health, Confidential enquiry into Maternal Deaths (CEMD) Report, 2017
Thousands of nurses in Kenya have received Emergency Obstetric and Newborn Care (EmONC) training in off-site workshops, yet nurses still score <50% on skills in assessments.

Jacaranda believes that clinical skill improvement must take place at the facility.

Frontline providers need coaching from experienced peers, or mentors, to help them improve their skills.
Nurse Mentorship takes the classroom to public facilities

Mentors build the capacity of nurses at public hospitals through the provision of:

- Standardize curriculum which can be delivered at the facility using **lectures** and **simulated emergencies**
- Data-driven approach to bedside coaching for **context-specific skill improvement**
How we are sustaining maternity nurse skills across the country

The quality of our program depends heavily on the excellence of Jacaranda Nurse Mentors. We recognized the need for standardization in identifying, recruiting and training midwives who are passionate about teaching and equipping them with the skills to be able to train government staff to become mentors.

Our Nurse Mentor Training Centre acts as the hub for training these exceptional nurse champions.
A new set of drills being conducted to include the participation of a medical doctor, this simulation is for emergency cesarean section.

A baby mannequin being resuscitated. Neonatal resuscitation is an essential skill for every maternity nurse.
In-facility nurse mentors conducting a CME on partography, an essential life-saving obstetric module

In-facility nurse mentors simulate shoulder dystocia drill on womb/uterus simulation mannequin
Dining for Women’s Nurse Mentor Training Center grant: 2020 Progress

NOV - FEB 2020

EXPANSION

Project Update

• Launched training center for emergency obstetric training and simulations
• Received Nursing Council of Kenya accreditation to offer continuous professional development credits to nurses
  ○ Core milestone for achieving project objectives
  ○ Accreditation adds to credibility and recognition of the center
• Expanded course content
  ○ Finalized 8 core obstetric and newborn modules
  ○ New content creation covering core topics, Breastfeeding, Group prenatal care
• Expansion into 2 new counties, adding 65 new in-facility mentors
Turning Essential Content into Digital Modules during COVID–19

- Social distancing guidelines have made it difficult for providers to be trained in person.

- We believe that knowledge improvement can still occur through digital support.

- In April 2020, we contracted an education tech company with expertise in adapting learning content to short “micro-courses” that can be delivered through SMS or the app Telegram.

Our Nurse Mentor team is now adapting our essential CME modules (EmONC topics) and a module on COVID–19 for interactive delivery through cell phones.
Short-term Pivot & Long-term Plans

**COVID-19 RESPONSE**

**APRIL – JULY 2020**

**SHORT TERM PIVOT**

- Leverage the accreditation to create e-learning tools, which also provide CPD opportunities
- Exploring the feasibility of revenue through adapted digital e-learning approach - tested digital modules with 100 nurses.

**AUG – DEC 2020**

**LONG TERM**

- Roll out digital e-learning content to expanded group of frontline nurses
- Measure the impact of digital content
- Re-engage training institutions (universities, medical colleges) to explore partnerships for training
We are now piloting the 9 scenario-based modules with **100 of our in-facility mentors** around the country. We will be able to observe knowledge gaps, improvements, and receive weekly reports on user statistics.

These modules can be accessed anytime, anywhere for on-the-go learning!
Nurse Mentorship Program: Key Results

8 mentors fully trained utilizing nurse mentor training center

50+ providers have undergone specialized training within nurse mentor training center:
- Lactation support
- Group prenatal care
- Crisis Counselling

Jacaranda Health mentors deployed in 71 healthcare facilities across 5 Kenyan Counties

112 in-facility mentors trained by Jacar anda Health mentors
Nov 2019: 53 mentors

1600 nurses/frontline providers trained in their facilities through mentorship program

Conducting 75,000 deliveries annually with adequate EmONC skills
Impact to Date

112 in-facility mentors have mentored 1600+ providers conducting 75,000 deliveries

- 90% Of the essential steps performed during every delivery by mentored providers
- 50% Increase in neonatal resuscitation skills
- 45% Cost share of programs by Counties
- 20% reduction in neonatal deaths
We thank Dining for Women for making this work possible.