



Juba College of Nursing and Midwifery, Republic of South Sudan

Date: May 1 st , 2014	Prepared by: Dr. Taban Martin Vitale and Okang Wilson Ezekiel
1. City & State	
Juba, Central Equatoria State, Republic of South Sudan	
2. Organization:	
Real Medicine Foundation, South Sudan (www.realmedicinefoundation.org) World Children's Fund (www.worldchildrensfund.net)	
3. Project Title:	
Juba College of Nursing and Midwifery (JCONAM)	
4. Reporting Period:	
January 1 st – March 31 st 2013	
5. Project Location (region & city/town/village):	
Juba Teaching Hospital, Juba County, Central Equatoria State, Republic of South Sudan	
6. Target Population:	
<p>The Juba College of Nursing and Midwifery (JCONAM) have a direct target population of between 40 and 60 students for every annual intake for the Registered Nursing and Midwifery Diploma course. The 2010 intake admitted 36 students (18 nursing students and 18 midwifery students). 30 of those students had progressed into their final year and graduated on the August 29, 2013. A second class of 61 students started training in January of 2012 and 53 had progressed into their final year. 54 students were admitted at the beginning of 2013 and 47 had progressed to second year. During the 2013 intake, 60 nursing and 60 midwifery students were selected who will start in June 2014. The graduated students are to be deployed to their respective state hospitals, county hospitals and primary health care centers to bridge the gap between demand for skilled services and available service providers.</p> <p>The growing population of Juba City is now estimated to be 444,680 projected from Population and Housing Census conducted in 2008 (140,396 inhabitants in Juba and the immediate surrounding areas at that time). The College educates candidates from all the ten states and serves as the first College of its kind exclusively operated by South Sudanese and in South Sudan educating professionals to serve the country population of 9.86 million.</p>	
II. Project Information	
7. Project Goals:	
<p>To improve the quality of and access to professional health care services by imparting the necessary skills through a three-year diploma program in either nursing or midwifery at the first College of Nursing and Midwifery in South Sudan accredited by the Ministry of Higher Education and Juba University, offering a diploma of Registered Nursing and Midwifery Status. The College will contribute to reducing the maternal and child mortality in South Sudan in accordance with Millennium Development Goals (MDGs) 4 and 5.</p>	
8. Project Objectives:	
<ol style="list-style-type: none"> 1. Provide model courses in Registered Nursing and Registered Midwifery in the first National Health Training Diploma Institute in South Sudan 2. Provide a curriculum recognized by all ministries associated with education in the Republic of South Sudan (RSS) 3. Provide leading edge skills laboratory and library for the students 4. Provide improved clinical setting for student training 5. Provide highly qualified instructors and tutors for the duration of the three year program 6. Provide an unprecedented model of health care sector capacity building for South Sudan 	

7. Provide a sustainable solution to South Sudan's Maternal and Infant Mortality Rate, the former, which is the highest in the world at 2,054/100,000 as per the 2006 South Sudan Household Survey. Approximately 200,000 women die each year giving birth.

9. Summary of RMF/WCF-sponsored activities carried out during the reporting period under each project objective (note any changes from original plans):

The fighting in Juba which erupted on December 15th, 2013 and later spilled over to other states in South Sudan made it difficult for the JCONAM college staff and the students to return to their various homes for the break, as it happened right at the time the college had just closed for Christmas holiday. Many of the students were stranded on campus or within Juba, but are all now back on campus after the break completed and a ceasefire has held. The school is still waiting for all of the teaching staff to return but has been able to start the semester again with less staff.

Implemented activities in line with RMF sponsored activities and project objectives include:

1. Supported two JCONAM students who were badly affected by the fighting between government and opposition forces which took place in January 2014 in Malakal and Balliet counties, Upper Nile State.
2. Continued support of high speed WIFI internet services for JCONAM.
3. Developed Respectful Maternity Care (RMC) supervisory checklist to be used in maternity unit of JTH and neighboring PHCCs within Juba city.
4. Formed joint JCONAM-JTH committee aimed at improving the clinical skills of the students during their practice in different departments of JTH.
5. Prepared next steps to hire a second RMF supported national clinical instructor in the second quarter of 2014.
6. Facilitated the visit of RMF CEO Dr. Martina Fuchs during the reporting quarter.
7. Facilitated the reprinting of JCONAM partner's signboard.
8. Support to the National Ministry of Health, Republic of South Sudan and project partners in the coordination and implementation of project activities over the reporting period. Also in line with the approved College annual work plan.
9. Continued facilitation of inter-linkages with UNFPA, MOH, IMC and other stakeholders in ensuring quality assurance in the implementation of both nursing and midwifery curricula in the diploma program.
10. Coordination of RMF activities with other organizations and UN agencies supporting the Juba College of Nursing and Midwifery by participating in meetings and conferences.
11. Sponsorship of second and third year nursing and midwifery students at the Juba College of Nursing and Midwifery through provision of uniforms, skills laboratory equipment, clinical training equipment, books, stationery and Information Technology (IT) equipment.

10. Results and/or accomplishments achieved during this reporting period:

1. The two college students who were badly affected by the fighting which took in place in Malakal and Balliet are now settled and concentrating on their studies following emotional and monetary support offered to them by RMF.
2. All the tutors and the nursing/midwifery students are able to access internet services at the College without interruption, providing them improved access to online learning materials and communications.
3. The college students are now getting good support and mentorship from JTH staff and college tutors while in clinical practice following the formation of joint JCONAM-JTH committee which enhances relationship between JCONAM and JTH administration.
4. The third year midwifery students trained on RMC in 2013 continued to practice and disseminate the basic concepts of RMC to other students and maternity staff hence improving patient's outcome positively.
5. RMF and its Donor World Children's Fund (WCF) are better represented in the JCONAM partner's signboard following RMF's support in reprinting the sign.
6. The college students and the tutors are still benefiting from the essentials medicines provided by

RMF, this reduces the financial burden on the tutors/students/implementing partner (IMC) in purchasing essential drugs for simple medical cases.

7. Created student database for easy monitoring and follow up.
8. Coordination of RMF activities and participation in meetings/workshops together with NGOs and UN agencies supporting JCONAM and other National Health Training Institutes (NHTIs).
9. The visit by RMF CEO Dr. Martina Fuchs during that critical moment when most partners left the country due to deteriorating security situation generated hope and confidence among the college staff and the students.

11. Impact this project has on the community (who is benefiting and how):

1. The Diploma in Nursing/Midwifery Curriculum approved by the Ministry of Health will be used as a model document alongside the College structures for replication in other states.
2. The Ministry of Health through the support of RMF and other stakeholders is working on replicating the College in other states. This will translate into the continued growth in the number of nursing and midwifery diploma institutes in South Sudan and potentially new Nursing/Midwifery College partnerships for RMF.
3. Stakeholders in nursing and midwifery education and services are undertaking the development of a bridge course for Community/Enrolled Midwives for acceptance into diploma training to complete the course in less than 3 years.
4. It is currently estimated that it will take close to 66 years for South Sudan to establish a professional and sustained capacity to address maternal mortality issues in a region with the highest ratio of 2,054 for every 100,000 live births, as per the MOH. In addition to establishing other diploma institutes in South Sudan, the MOH is working on bilateral agreements with neighboring countries to send out qualified South Sudanese to train as nurses and midwives in order to establish a critical mass in the next 10 years.
5. Several years of experience derived from working with JCONAM and other partners has enabled RMF to develop a vision of increasing its level of support in South Sudan. By virtue of its registration and autonomy, RMF will seek to partner with organizations/agencies, and most importantly, government elements in the areas of health systems strengthening and sustainable economic empowerment as witnessed in its projects in other countries.

12. Number served/number of direct project beneficiaries:

1. Through the support of the consortium of partners, currently 84 students are fully sponsored for the three-year education program. This includes the provision of school uniforms, books, stationery, tutors and monthly allowances. Year one students were recruited in December 2013 following rigorous interview conducted by MoH; department of training and professional development together with partners involve in training, 60 nursing and 60 midwifery students were selected and are to report in June 2014. The table below shows the actual number of students present at the college during the reporting quarter.

<i>Year</i>	<i>No. Nursing Students</i>	<i>No. Midwifery Students</i>	<i>Total</i>
Year 1	0	0	0
Year 2	23	16	39
Year 3	22	23	45
Total	45	39	84

2. The project provides employment opportunities for both the teaching and non-teaching staff. This provides economic sustainability for the staff and their families.
3. JCONAM was established in 2010 by the consortium of partners on behalf of the Ministry of Health, Republic of South Sudan. To date, project activities have been implemented with a planned exit strategy, working toward turning over complete implementation of these projects by the Ministry of Health. This is to ensure each project's sustainable development and continuity by the relevant office in the Ministry of Health.

4. Upon graduation after the three-year course, the registered nurses and midwives will provide a much-needed service within the states and counties at facilities level. The services offered by this cadre of graduates are also expected to extend into the community through health education, community mobilization and home care, among others.
5. With the inclusion of the second year midwifery students into the maternity ward delivery roster, the students are able to conduct/participate in 10-20 supervised deliveries per day. These numbers are however meant to increase as the College looks into expanding the number of practice sites in the near future.

13. Number of indirect project beneficiaries (geographic coverage):

9.86 million South Sudanese. It is the intention of the consortium to provide a scalable working model for a Government Nursing and Midwifery College that may be extended to strategic locations with the highest demand for these services throughout the country. The school accepts applicants from all 10 states to optimize the distribution of newly qualified health care personnel. Subsequent years will witness satellite campuses in other states.

14. If applicable, please list the medical services provided:

Procured and stocked the College dispensary with essential medicines; the students and the College staff now receive medication from the College for simple medical conditions.

15. Please list the most common health problems treated through this project.

Under the supervision of their clinical mentors, the nursing students were able to provide support in the treatment and care of patients in the:

- Medical Ward
- Surgical Ward
- Pediatric Ward
- Maternal-Child Health/Family Planning

Midwifery students were supervised in the Maternity Ward that comprised:

- Antenatal Clinic
- Antenatal Ward
- Postnatal Ward
- Gynecology Ward

Health Problems Addressed:

1. Maternal Mortality
2. Infant Mortality
3. Obstetric Fistulae

Indirectly these will be addressed:

4. Malaria
5. Respiratory Tract Infections
6. Intestinal Worms
7. Sexually Transmitted Diseases (including HIV/AIDS)
8. Trauma/Domestic Violence
9. Psychological Trauma (PTSD)
10. Malnutrition
11. Polio

16. Notable project challenges and obstacles:

1. ***The fighting in Juba which erupted on December 15th, 2013 and later spilling to other states made it difficult for the college staff and the students to return to their various home states during the First Quarter since this happened at the time the college had just closed for Christmas holiday.***

2. The deteriorated security situation in some parts of Jonglei, Unity and Upper Nile States following the fighting which erupted in Juba in mid December 2013 caused some students not to report to college and has been very difficult tracing them due to poor communication network.
3. Following the selection of 2014 intake in early December 2013, the final list of the successful students couldn't be circulated to all the States in time due to the fighting in some parts of the country, this caused delay in all the process and now the year one will report in early June 2014, four months late, which may affect the quality of the training.
4. Frequent electricity interruptions, making work difficult for RMF coordination office.
5. Lack of new commitments from the partners in health for JCONAM creating many unmet needs for the College.
6. Lack of qualified personnel within the hospital to supervise the students when they are conducting clinical rounds, i.e. the students are occasionally supervised by traditional birth attendants leading to a discrepancy between skills taught and what is witnessed.
7. Lack of a medical plans/insurance for the students with consideration of their exposure to infections and other general illnesses in the workplace.
8. Lack of extra-curricular activities for the students to engage in during their free time and weekends, i.e. outdoor sports and games.
9. The College lacks critical support and administrative staff, such as a finance officer and an administrator.
10. Limited technical and financial commitment and support to the Ministry of Health by the stakeholders for the review of the diploma nursing curriculum.
11. Lack of financial commitment by stakeholders for the construction of an urgently needed classroom block, students' hostel, tutors' residence and recreational hall.

17. If applicable, plans for next reporting period:

1. RMF will continue to support the College based on our annual implementation plan, which is based on our MOU with the Ministry of Health.
2. Continued sponsorship of JCONAM nursing and midwifery students in the first, second and third year.
3. To hire an additional RMF sponsored national midwifery clinical instructor to support the midwifery students during their clinical practice.
4. RMF will evaluate the general progress of RMC project.

18. If applicable, summary of RMF/WCF-sponsored medical supply distribution and use:

Kept the College dispensary stocked with essential medicines; the students and the College staff now receive medication from the College for simple medical conditions.

19. Success story(s) highlighting project impact:

Annex A

III. Financial Information

20. Detailed summary of expenditures within each budget category as presented in your funded proposal (file attachment is fine). Please note any changes from plans.

Detail of financial report sent separately on monthly basis

Annex A: Success stories

Deborah Mathew

Deborah Mathew is a 25 year old South Sudanese national from Malakal, the State capital of Upper Nile State. She is the current second year midwifery student at JCONAM.

Deborah is an orphan who lost both of her parents at the tender age of 4 and has been raised by her uncle who had three children and has been living with them happily before the war broke out mid December 2013 in Juba.

During the fighting between the government and opposition forces for the control of Malakal town, all of the family of Deborah's uncle were killed in front of her (the uncle, wife and their three children), with the uncle's wife being killed after she resisted being raped. In a similar incident four of her relatives were burnt inside their houses, while others were drowned in the ferry accident which sunk in Nile River on the 12th January with more than 200 people.

Deborah managed to survive by hiding in a dilapidated pit latrine which had been abandoned for some time. She survived there for three days without food or water. On the fourth day she heard voices of women passing by and she screamed for help, lucky enough they came to her rescue and one of them, Nakenisa (a Dinka woman) escorted her to UNMISS camp. Deborah then reconnected with the principal of JCONAM, Petronella, through a phone and the principal worked very hard in collaboration with to ensure that she was booked on a UN flight and flown to Juba.

Deborah has been very frustrated and said in front of us while tears were rolling through her cheeks, *"Now I have lost everything, my parents, uncle and family, my relatives; I am left alone in this world, God why me? My intention was to study and go back and help my community, now where do I go?"*

After hearing Deborah's tragic story, RMF South Sudan responded initially through provision of emotional and social support continuously to enable her concentrate on her studies and achieve her dreamed goal and later monetary support of **1,000SSP (\$330)** to help her purchase essential items like clothes and other basic necessities. Through this support, Deborah has managed to come out of that tragic moment and is now fully concentrating on her studies. She deeply appreciated the support given to her by RMF and promised to work hard in school and conduct delivery professionally with dignity and respect regardless of any ethnicity because "we are all South Sudanese".



(Left) Petronella Wawa the Principal of JCONAM handing over the support given by RMF to (Right) Deborah Mathew

Peter Atiep

Peter Atiep is a South Sudanese national from Upper Nile State, Baliet County. He is married, has 5 children and is currently a second year nursing student at JCONAM. When the fighting broke out in Juba in mid December 2013, Peter and his family were in his home town Baliet, which was eventually overrun by the opposition forces on January 11th, 2014.

As everyone took cover and ran for her/his safety, Peter got separated from the wife. Peter ran with the first three children while the wife ran separately with the last two children. Peter finally made his way to Palogue (Malut County in Upper Nile State) then to Juba on January 19th, 2014 and immediately proceeded to Kakuma refugee camp in Kenya where he left the three children with a relative and returned to Juba to continue with his studies. Fortunately Peter managed to connect with his wife who had taken refuge in Renk County (Upper Nile State) and requested her to come to Palogue where there is operational airport with regular Dar Petroleum flight. Peter desperately wanted to reunite with his wife and children but was unable to afford to air fare for them all.

During this critical moment, RMF stepped in and facilitated the transportation of Peter's wife and the two children from Palogue to Juba by air on March 28th, 2014 and then to Kakuma refugee camp by road on March 30th, 2014.

March 28th, 2014 was a turning point for Peter, on seeing his wife and children at Juba International Airport, the depressed Peter was full of joy, and his wife and children equally delighted to see him. Peter then gathered the family members housing his wife in Juba and said:

*“God bless RMF for doing all this to his family and prayed that RMF grows bigger and bigger. I now know that we the South Sudanese are **ONE** people, it does not matter where you originate from and one's ethnicity should not be a factor when delivering services.”*

He couldn't believe this, his fellow South Sudanese from different regions and ethnicities had coordinated all of this and made sure his wife and children made it safely to Juba and were now going to facilitate their travel to Kakuma Refugee Camp in Kenya. He now believes in really believes in unity and says:

“Every individual is a child of God. God bless you all, the donors and RMF as a whole. Now will concentrate on my studies, will keep updating you about the condition of my families. Thanks and God bless you. Peter then confirmed to RMF the arrival of the wife and the children to Kakuma and the family is doing well after reunion. Peter is now a happy student concentrating on his studies without further disturbances.



(Left) Peter Atiep carrying his 3 year old child Nyalueth and (Right) Peter's wife Ajak Aben Nyok reunited



(Left) Peter's wife Ajak Aben, (Right) A Friend in Juba who received them in her home carrying the 3 months baby.

the reunion.



Dr. Taban (3rd from Right) giving Peter some money for buying milk for the child.

Annex B: Other project photos



JCONAM nursing students arranging patient's file to give them medication in surgical ward 3.



Justina, a Nursing Tutor in white clinical gown with the nursing students in main operation theatre.



JCONAM nursing students explaining to a patient her Ultrasound result.



JCONAM nursing students from surgical ward.



JCONAM students in the computer lab accessing educational materials.



Jubilant JCONAM students at the campus.



JCONAM students attending to mothers at EPI clinic where immunization of all children under 5 are carried out basing on the EPI policy guideline.



(Left) JCONAM student at ANC and (Right) PMTCT counselor



JCOANM midwifery student inserting implanon in Family Planning Clinic after thorough counseling of the couples.



JCONAM midwifery student attending to mothers during antenatal visit.



JCONAM midwifery student reviewing the mother's antenatal card following successful delivery 30 minutes ago, the medical conditions of both the mothers and the neonate is good.



JCONAM midwifery attending to a mother after successful delivery.



JCONAM midwifery students in maternity unit.



(In front) Mother in early stage of labor and (Behind) mother who had just delivered successful who is looked after by JCONAM students. The two mothers are sharing same bed due to shortage of beds and limited space which compromises infection control.



RMF team together with the four RMC master trainers discussing the next step for RMC project



Contractors replacing JCONAM sign.



(Left) New JCONAM sign showing all the partners supporting the college and (Right) RMF signpost



Smoke coming out from JCONAM lecture room which got fire on March 19th, 2014.



Students with security personnel looking through the window after putting on the fire.



Contractor fixing the white board after repairing the burnt lecture room.