**Juba College of Nursing and Midwifery, Republic of South Sudan**

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<th>Date: January 31st, 2014</th>
<th>Prepared by: Dr. Taban Martin Vitale and Okang Wilson Ezekiel</th>
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1. **City & State**
   
   Juba, Central Equatoria State, Republic of South Sudan

2. **Organization:**
   
   Real Medicine Foundation, South Sudan ([www.realmedicinefoundation.org](http://www.realmedicinefoundation.org))
   
   World Children’s Fund ([www.worldchildrensfund.net](http://www.worldchildrensfund.net))

3. **Project Title:**
   
   Juba College of Nursing and Midwifery (JCONAM)

4. **Reporting Period:**
   
   October 1st – December 31st, 2014

5. **Project Location (region & city/town/village):**
   
   Juba Teaching Hospital, Juba County, Central Equatoria State, Republic of South Sudan

6. **Target Population:**
   
   The Juba College of Nursing and Midwifery (JCONAM) has 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 progressed into their final year and graduated on August 29, 2013. A second class of 61 students started training in January 2012 and 45 (23 nurses and 22 midwives) progressed into their final year, completed the course and graduated in December 2014. 54 students were admitted at the beginning of 2013 and 40 progressed to second year. A first year class of 54 students started classes in June 2014 and by the end of this reporting quarter the class had 51 students. The graduated students have been 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.

   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 ten states and serves as the first College of its kind exclusively operated by South Sudanese in South Sudan educating professionals to serve the country population of 9.86 million.

II. **Project Information**

7. **Project Goals:**
   
   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.

8. **Project Objectives:**
   
   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.

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

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

1. 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.
2. 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.
3. Coordination of RMF activities with other organizations and UN agencies supporting the Juba College of Nursing and Midwifery by participating in meetings and conferences.
4. Sponsorship of first, 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.
5. Continued support of human resources through payment of salary for national tutors.
6. Continued support of high-speed WIFI internet services for JCONAM.
7. Purchased and delivered essential drugs for the college, students and staff.

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

1. The second batches of JCONAM students consisting of 23 nurses and 22 midwives successfully completed their training and are to officially graduate in Q 1, 2015.
2. The college students, tutors and the supporting staff are still benefitting from the essential medicines provided by RMF in the last quarter, reducing the financial burden on the tutors/students/implementing partner (IMC) in purchasing essential drugs for simple medical cases.
3. 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.
4. The college students are now getting good support and mentorship from JTH staff and college tutors while in clinical practice following the formation of a joint JCONAM-JTH committee, which enhances the relationship between JCONAM and JTH administration.
5. Coordination of RMF activities and participation in meetings/workshops together with NGOs and UN agencies supporting JCONAM and other National Health Training Institutes (NHTIs).

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

1. The Diploma in Nursing/Midwifery Curriculum is approved by the Ministry of Health and is being 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 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 136 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 involved in training, 30 nursing and 30 midwifery students were selected and 54 reported and started classes in June, as per the end of this reporting quarter the number of year one dropped to 51.

The year three class consisting of 23 nurses and 22 midwives successfully completed the three years course and are to graduate in quarter 1, 2015.

The table below shows the actual number of students present at the college during the reporting quarter.

<table>
<thead>
<tr>
<th>Year</th>
<th>No. Nursing Students</th>
<th>No. Midwifery Students</th>
<th>Total</th>
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<tbody>
<tr>
<td>Year 1</td>
<td>27</td>
<td>24</td>
<td>51</td>
</tr>
<tr>
<td>Year 2</td>
<td>24</td>
<td>16</td>
<td>40</td>
</tr>
<tr>
<td>Year 3</td>
<td>23</td>
<td>22</td>
<td>45</td>
</tr>
<tr>
<td>Total</td>
<td>74</td>
<td>62</td>
<td>136</td>
</tr>
</tbody>
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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 following 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 on 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 are 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. Year one students for 2015 were not recruited in December 2014 as planned due to lack of funding from the partners to support the new students, which will create a gap in the College.
2. The lack of new commitments from the health partners for JCONAM is creating many unmet needs for the College.
3. The graduation celebration of the second batch of the 23 nurses and 22 midwives was postponed by the MOH and will take place in Q 1, 2015. This was discouraging for the young finalists who were looking forward to that moment before deployment to their work facilities.
4. Frequent electricity interruptions, making work difficult for RMF coordination office.
5. 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.
6. Lack of a medical plans/insurance for the students considering their exposure to infections and other general illnesses in the workplace
7. Lack of extra-curricular activities for the students to engage in during their free time and weekends, i.e. outdoor sports and games
8. The College lacks critical support and administrative staff, such as a finance officer and an administrator.
9. Limited technical and financial commitment and support to the Ministry of Health by the stakeholders for the review of the diploma nursing curriculum
10. 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. Support the upcoming second graduation ceremony for the finalists to take place in Q 1, 2015.

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:

See Annex

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.

Detailed financial report sent separately on monthly basis

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**Project photos**

1. JCONAM midwifery student giving a polio vaccine to a neonate in MCH clinic.
2. JCONAM midwifery student administering BCG vaccine to a neonate in MCH clinic.
JCONAM midwifery student inserting IV cannula for a mother in first stage of labour

JCONAM midwifery student monitoring a mother who is in first stage of labour

JCONAM midwifery students taking the weight of a mother in ANC

JCONAM midwifery student encouraging a woman who had undergone VVF repair

JCONAM nursing student (R) and an intern nurse (L) dressing a diabetic foot

JCONAM nursing student dressing wound sustained during domestic violence
JCONAM nursing student reviewing an elderly woman on medication for cardiac disease

JCONAM nursing student washing the beddings of a burn patient

JCONAM nursing and midwifery students in the campus

JCONAM nursing and midwifery students in the computer lab