

Progress Report of Kurin clinic

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|--------------------|---------------------------------|
| Organization Name: | Syrian American Medical Society |
| Progress Report # | Final Report |

A. Project Application Summary

Reporting Period Start Date: 7/1/2016

Reporting Period End Date: 6/30/2017

B. High-Level Updates

- Summary Results:

SAMS, under RCRT fund, provided medical care services in Kurin PHC in Ariha - Idlib governorate. It included internal medicine, women's health, dental services, pediatrics, including vaccinations, and emergency care.

- Key Achievements:

- The supported facility has been providing healthcare all though the reporting period to beneficiaries in the catchment area. The quality and quantity of services provided were successfully improved as the project proceeded. The facility started with as few staff as eight personnel; a GP, a dentist, a midwife, a pharmacy technician, two nurses, a security guard and a Janitor. However, the gap in staff was filled in September by hiring a pediatrician, additional nurses dedicated to women and child care, and a financial officer. As the support with medication and medical consumables began to increase, and adequate inventory was maintained, the number of consultations started to rise and the facility was being visited by communities as far as Ain shab (5.32 KM), Bab Allah (13.8 KM), Burj Hab (4.2 KM), Mokebla (4.32 KM) and Birawi (3.51 KM). See the map below

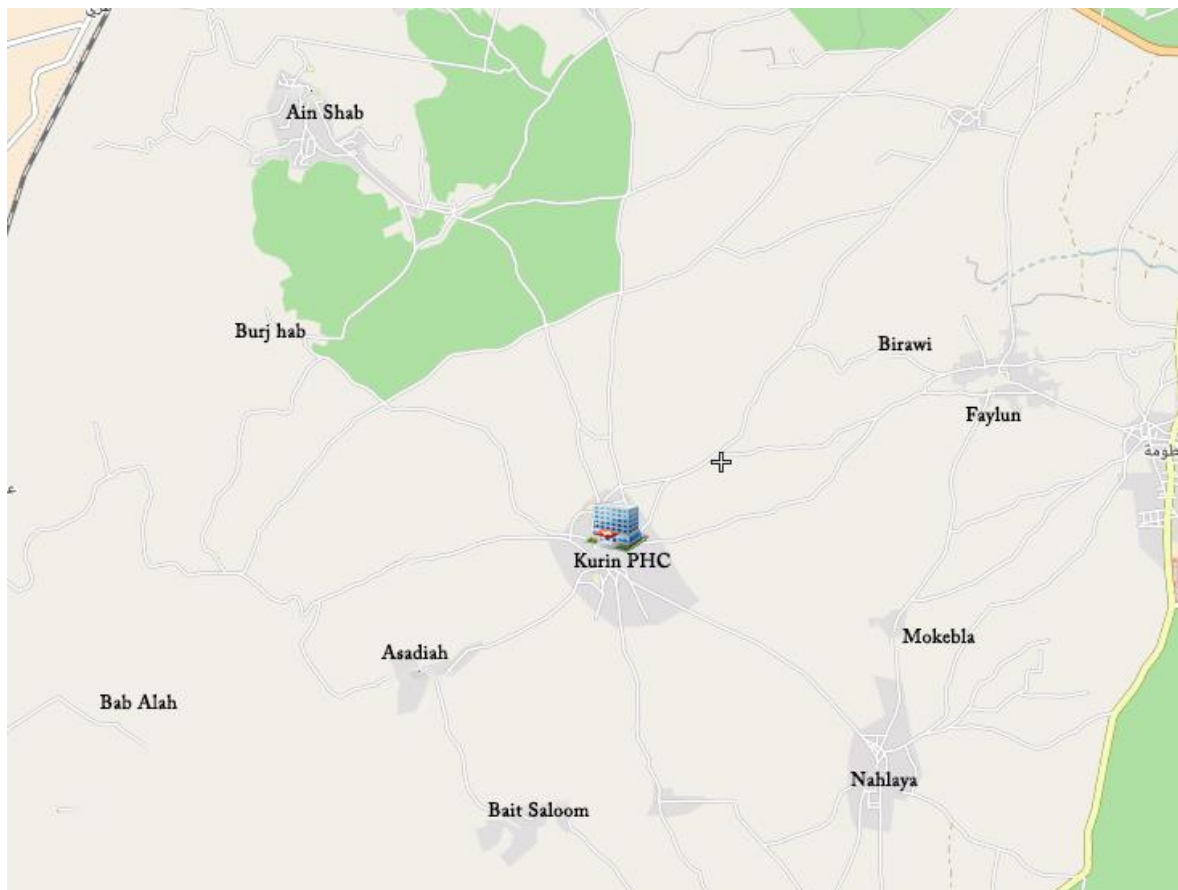


Figure 1 map of catchment area of Korin PHC

- The following chart shows there numbers of beneficiaries segregated by months and gender.

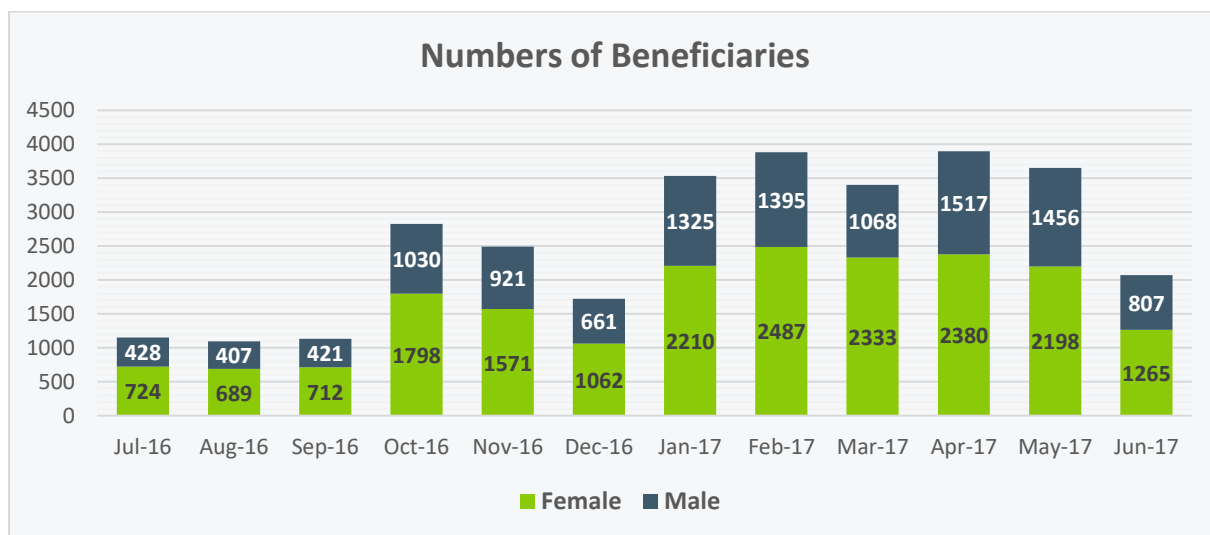


Table 1 numbers of beneficiaries

- During the grant period, the clinic provided a total of 36,941 consultations. The monthly consultations started as low as 1554 per month in July 2016 and reached its peak in April 2017 at the number of 4662 consultations (+ %300).
- See table below.

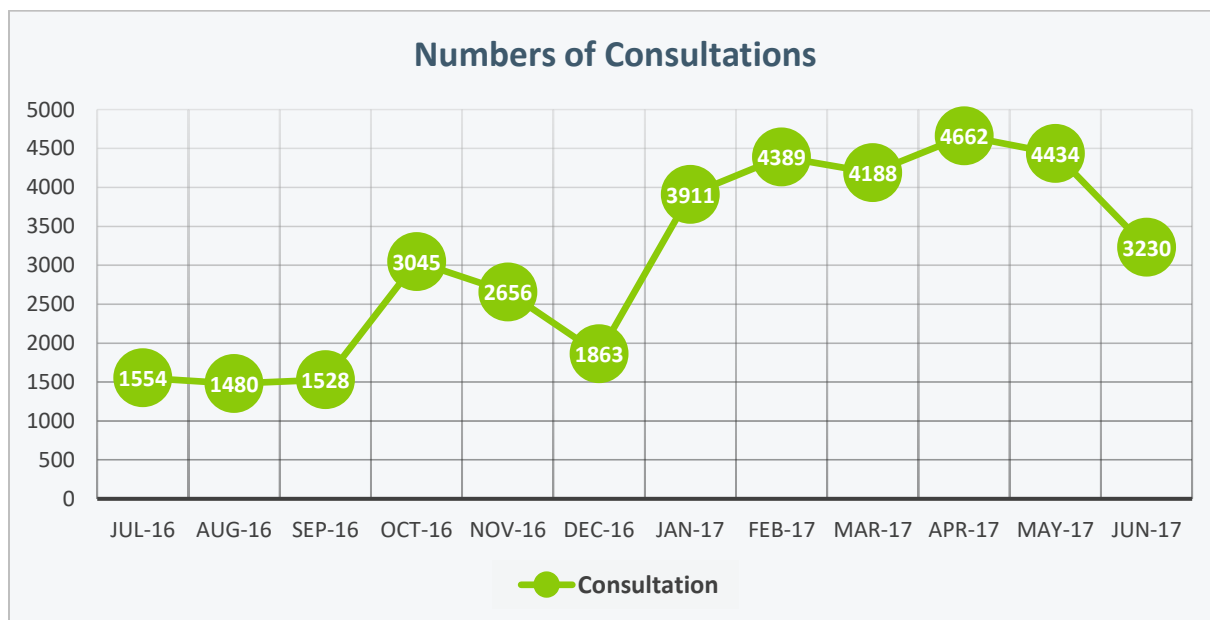


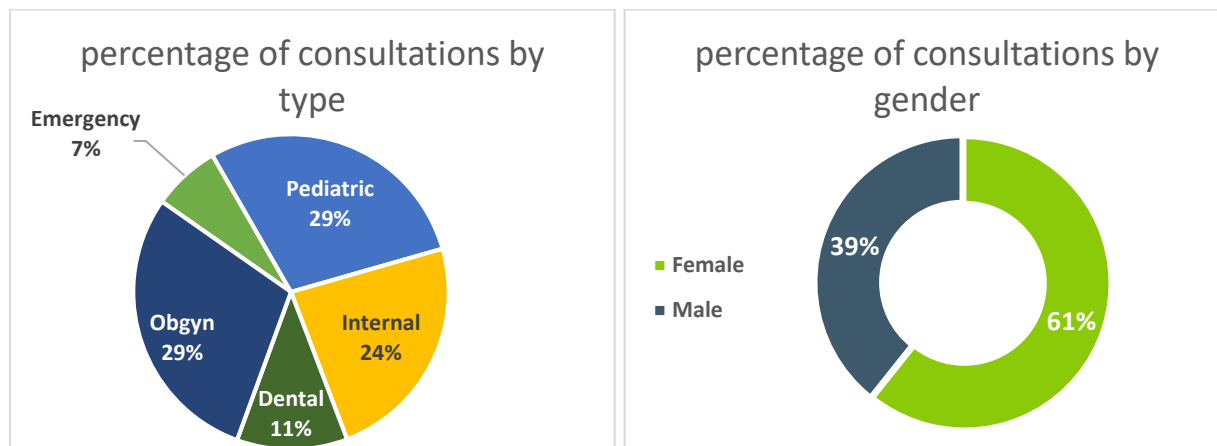
Table 2 total numbers of consultations

Note: 25% of consultations were for IDP while 75% were for host communities.

- During the project life, there were some fluctuation in numbers of consultations (as well as beneficiaries) due to many reasons. In the first quarter of the project, the medical staff was not completely hired and procurement and delivery of medications to the facility took time. The area around the facility was targeted many times one of which was 50 meters from the facility. All these factors played a prominent role in limiting the number of beneficiaries initially. In December, the security situation deteriorated once again and an airstrike with phosphorus bombs led to big displacement of the population who fled to

nearby areas for fear of other attacks. Since the beginning of 2017 – and for the first five months – the security situation became relatively stable in the area and the medications and medical consumables were fully available at the facility. Therefore, it was visited by people who had already fled from the area but came back in addition to many beneficiaries who came from nearby villages as shown in the map above. In June, the numbers slightly decreased due to the fasting days of Ramadan.

- The top consultations were in OB-GYN and Pediatrics.

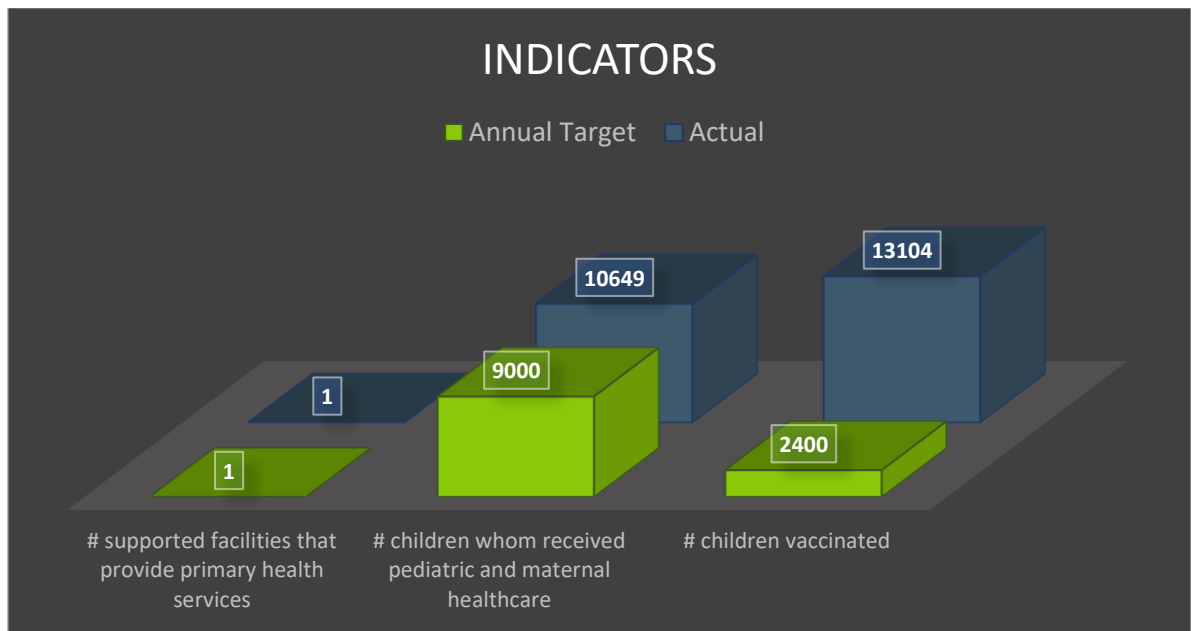


| | Jul-16 | Aug-16 | Sep-16 | Oct-16 | Nov-16 | Dec-16 | Jan-17 | Feb-17 | Mar-17 | Apr-17 | May-17 | Jun-17 | Total |
|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| Emergency | 94 | 90 | 93 | 221 | 202 | 171 | 216 | 252 | 264 | 348 | 399 | 227 | 2577 |
| Pediatric | 373 | 356 | 367 | 794 | 705 | 477 | 1313 | 1555 | 1334 | 1513 | 896 | 985 | 10668 |
| Internal | 423 | 402 | 415 | 728 | 568 | 432 | 922 | 842 | 832 | 1042 | 1361 | 762 | 8729 |
| Dental | 203 | 194 | 200 | 416 | 381 | 255 | 413 | 439 | 453 | 468 | 441 | 332 | 4195 |
| OB-GYN | 461 | 439 | 453 | 886 | 800 | 528 | 1047 | 1301 | 1305 | 1291 | 1337 | 924 | 10772 |
| TOTAL | 1554 | 1480 | 1528 | 3045 | 2656 | 1863 | 3911 | 4389 | 4188 | 4662 | 4434 | 3230 | 36941 |

Table 3 numbers of consultations segregated by type

Note: Numbers of beneficiaries and consultations in March and April are updated here in the table since SAMS HIS (Health information system) was being promoted and the numbers were not finalized at the time. Those numbers are the finals.

- The facility provided total of 13,104 childhood vaccinations doses for children under the age of five through vaccination campaigns. The first one was between Aug 23 and Sep 3, 2016, during which 8750 vaccinations were provided. The second campaign was between Nov 12 and 22, 2017 and 4354 vaccinations were provided. The vaccines were: Penta (DTP, HepB, Hib) IPV/OPV, Measles.
Currently, the clinic is a site for vaccination awareness and is paired with Ariha PHC, a larger center that is a selected site for the Expanded Program on Immunization, EPI, supported by WHO and UNICEF. Children will be referred there for the proper vaccination. The vaccination service is no longer available at Korin PHC since Idleb Health Directorate has initiated this new vaccination center.



- The facility was also provided with medication and medical consumables through this grant. The medications were being delivered on monthly basis, except for the first three month that witnessed delay in procurements. During most of the project period, the facility did not face serious shortage of medication or medical consumables.
- The grant also included procurement of equipment. The generator was secured at the facility. In the same context, there were a saving in the budget after the third quarter of the reporting period. This saving was generated from salaries, medicine supplies, direct costs, office supplies and communications. The total sum was \$10,035. After communicating with the donor and counselling the facility for its priority of needs, we received and approval from the donor to purchase 8 medical equipment: an ultrasound machine, a Portable suction device (received on March 21), an ECG Machine, a pulse oximeter (finger type), a wrist blood pressure monitor, a nebulizer, an otoscope and a baby scale (received on May 31). They were procured and delivered to the facility in a smooth manner due to the direct and effective communication between project, grant, procurement, operation, and logistic departments. Having such equipment at the facility had a positive effect on the quality and quantity of the health services provided. The average number of beneficiaries from ECG Machine is around 50 per month; while for ultrasound machine the number reached up to 200 as it is used in internal medicine, pediatric, women health and emergency departments. The otoscope and baby scale helped the pediatrician conduct more accurate checks on children while portable suction device and wrist blood pressure monitor improved health care services especially in the emergency or complicated cases that may endanger lives.
- All other direct costs were provided to the facility and the following table shows a brief summary of the budget.

| | Description | Total Budgeted / USD | Actual / USD |
|-------|--------------------|----------------------|--------------|
| A. | Personnel Costs | 68,100 | 67,535.00 |
| F. | Equipment | 10,035 | 7,558.50 |
| B. | Medicine Supplies | 30,700 | 30,693.50 |
| C. | Other Direct Costs | 12,900 | 17,213.00 |
| D. | Office Supplies | 1,500 | 700.00 |
| E. | Communication | 765 | 300.00 |
| Total | | | 124,000.00 |

- One of the remarkable achievements of Kurin PHC clinic is its constant community outreach and public health messages through awareness raising campaigns and regular visits to schools to check and provide advice about communicable, non-communicable and epidemic diseases and instructing people on healthy practices. In the fourth quarter of the project, the facility identified increasing incidents of cases of diarrhea that can be related to contaminated water supplies, and lice, such cases are known to be contagious. Those cases were reported to Kurin Local Medical Council for proper actions.

C. Challenges encountered:

The main prevailing challenge during this project was the constant threat of airstrikes especially in the first quarter that witnessed escalation of shelling and bombardments on medical facilities in Idlib governorate. The facility was closed on December 26 2016 for one day for security reasons.

Few breakdown in the equipment especially the generator and dental equipment were challenging for the staff as the equipment is inevitable for provision of healthcare. The staff worked of many methods to mitigate such challenges by either securing spares or sending the equipment to specialized technicians affiliated with SAMS. Procuring medications was a bit challenging at the beginning since it faced delay in processes. Both SAMS procurement teams in Syria and Turkey agreed on procuring medication and medical consumables from Turkish and Syrian markets in a plan that helped to provide the facility with medication as fast as possible. Procurements from both markets reduced the shortage of medication to minimum.

The data entry in the facility faced difficulties in entering consultations on the HIS, which resulted in some delays in receiving final numbers of consultations and beneficiaries. The main reason was the poor internet access that is available in the area. Adding to that, SAMS Information Management Unit (IMU) launched new upgrades to HIS that required training. The Unit team worked hard to train the data entry employee and to design an offline data service that eventually solved this problem.

D. Lessons learned and suggestions

Good tracking of the budget, forecasting saving in the budget associated with effective and timely communication with the donor helps to manage the project course to reach its outcome.

E. Success story:

On June 15, a young man called Saddam visited Kurin clinic suffering from great pains in his mouth. He had already gone to many dentists but in vain. What made his case worse is that Saddam suffers from Down's syndrome; he was constantly frightened by the dentist's needle and turbine and would not let

any doctor touch his teeth. The dentist in Kurin PHC examined his teeth thoroughly and identified severe cavities ranging between Pit / fissure cavities and root cavities. Saddam also suffered from dental abscess causing acute pains. After several attempts and with the patience of the dentist, all cavities were treated and the severely affected teeth were extracted. The doctor prescribed Spiramycin and Ibuprofen for Saddam who was afterward relieved from his pains.

F. Some photos from the clinic:



Figure 2 the patient Saddam



Figure 3 Ultrasound device



Figure 4 ECG Device

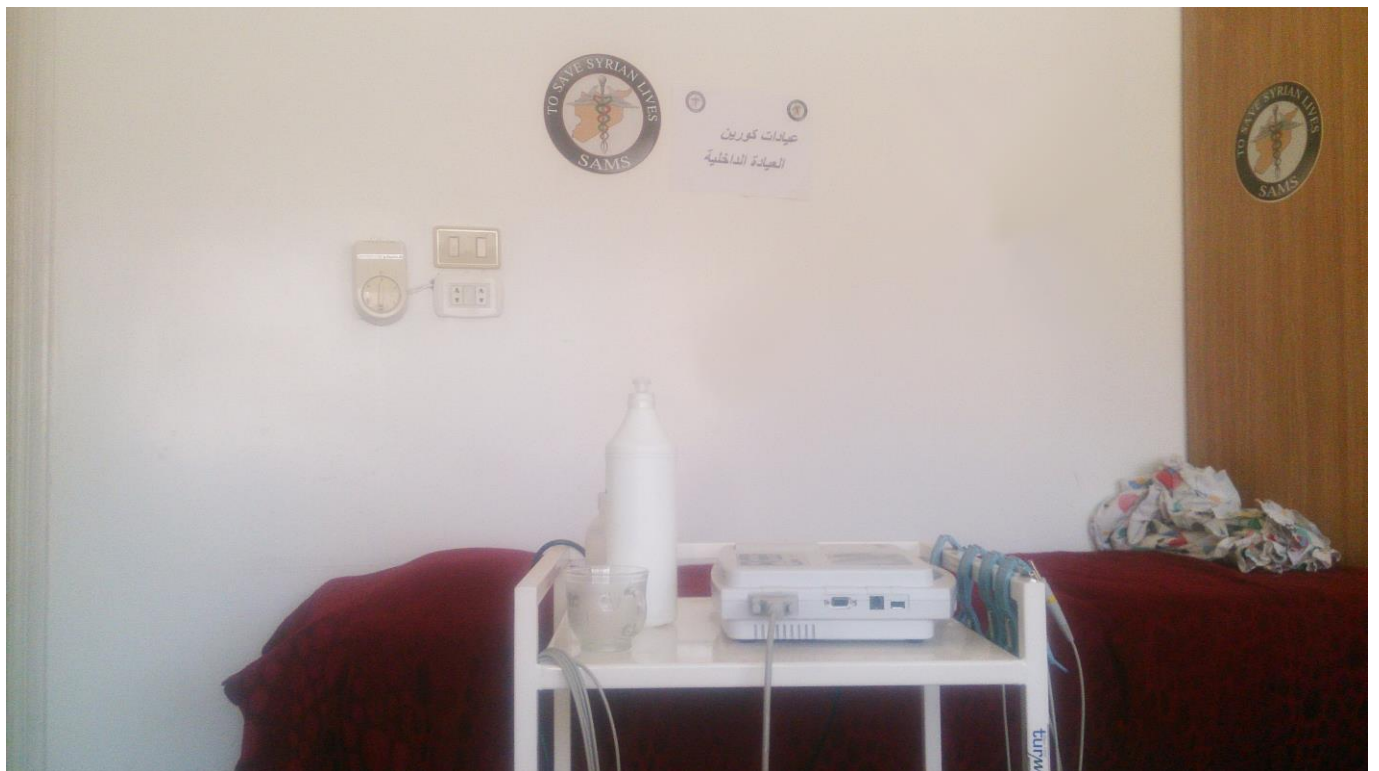


Figure 5 ECG Device



Figure 6 Dental clinic



Figure 7 Pediatric clinic



Figure 8 internal clinic



Figure 9 pharmacy dispenser



Figure 10 using the ultrasounding by the midwife