Project Title

Cystic Fibrosis Rehabilitation Clinic

Caritas Baby Hospital / Bethlehem

Medical Director: Dr. Hiyam Marzouqa
Administrative director: Mr. Edward Dabdoub
Medical Laboratory Director: Dr. Musa Hindyeh

Palestinian Health Sector Reform and Development Project (" the Flagship Project")

Reporting Period: October 1st, 2010 - October 31st, 2010
Date Report is submitted: November 8th, 2010
Organization Name: Caritas Baby Hospital / Bethlehem
Author of the report: George Zoughbi, B.Sc. M.D. / Pediatrician & Project Manager

Section I: Organization General Information

Name of Organization	CARITAS BABY HOSPITAL
Mailing Address	P. O. BOX 11535. Jerusalem; ISRAEL - 91114
Physical Location	Bethlehem, West-Bank / Palestinian Territories
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Organization's Contact Person	Dr. George Zoughbi / Pediatrician & Project Manager
Grants Tracking Number	SGA 10-10
Title of Activity	Cystic Fibrosis Rehabilitation Clinic
Start Date of Reporting Period	October 1st, 2010
End Date of Reporting Period	October 31st, 2010
Date Report is Submitted	November 8th, 2010

Section II: Reporting Period Background Summary

- "Mrs. Wafa' Qumsieh" (Social worker)➔ Made calls to all known CF patients to let them know about the availability of free services at our hospital. She is also facilitating their visit to the hospital by creating special cards to help identify them as CF patients.
- Pharmacist (Mrs. Hiyam Zoughbi)➔ Continues to supply donated vitamins and medications which were donated from Italy and Germany for CF patients use.
- Our physiotherapists "Mrs. Asma Siman" and "Ms. Amal Nassar"➔ Provided over 144 physical therapy sessions for 7 hospitalized CF patients receiving treatment during the month of October. Twenty three patients were seen in the outpatient physiotherapy clinic during this period and underwent chest physical therapy as well.
- "Ms. Amal Nassar"➔ Also provided yoga classes and moral support to the 23 CF patients seen outpatient. She obtained 10 sputum samples from these patients for screening and performed 13 Quality of Life Questionnaires. She also participated in obtaining blood samples from CF patients for Genetic Analysis.
- Pediatrician "George Zoughbi"➔ Conducted physical exams and provided dietary counseling for 11 patients during this month and supervised the inpatient care of CF patients. Genetic counseling was provided to the family of one newly diagnosed CF patient.
- Medical laboratory "Dr. Musa Hindyeh" ➔ Have started processing blood samples from 15 CF-patients along with their 27 family members (Parents and siblings) in preparation for genetic testing.

- Chief Accountant "Ms. Therese Maria" ➔ Prepared financial statements and continues to track expenditures
- Personnel Chief "Mrs. Ellen Kort" ➔ Continues to keep track of employees' hours and time sheets
- IT Department "Mr Atallah El-Araj & Mr. Michael Sleibi" ➔ Continue to work on the CF electronic database

Section III: Outputs Achieved during this Reporting Period

(Please provide a detailed account of each output achieved during this reporting period)

- 11 dietary counseling sessions were provided during this period to 11 patients and their families during outpatient visits with Pediatrician George Zoughbi
- 1 New CF patient has been diagnosed and treated at our hospital. Family received dietary and genetic counseling by pediatrician.
- 23 chest physiotherapy sessions and yoga classes were provided to 23 patients during outpatient physiotherapy sessions (*This is a noticeable increase in Outpatient physical therapy sessions which shows a better compliance with treatment and less hospital admissions*)
- 144 chest physiotherapy sessions were provided to 7 patients admitted to our hospital for inpatient care (Two of these patients were admitted during the previous period and discharged home during this period "October" after completion of their treatment).
- 13 Quality of Life Questionnaires were administered during this period to 13 CF patients, and there was a noticeable improvement in psychosocial status as well as improved appetite and good weight gain in our previously hospitalized CF patients.

Section IV: Summary of Major Accomplishments / Unexpected outputs

The issue of Reproduction of the WHO Educational brochures for distribution to CF patients and their families has been finally resolved, and reproduction will begin the next period.

Bids for Project equipment have been approved and orders have been placed; we are currently awaiting the arrival of the equipment.

We are clearly seeing an increase in compliance with the recommended treatment in our CF patients as they continue to show-up for their scheduled visits and therapy sessions.

Section V: Comparison of Actual vs. Planned Activities

(Please compare actual work accomplish vs. planned activities, noting that any deviation between implementation and the agreement must be approved by Flagship Grants Manager)

Activity No.	Activity Title	Planned	Accomplished	Reason behind discrepancy
1.	*CF Patient recruitment*	*Yes*	*Yes*	*N.A.*
2.	*Patients Home Visits*	*Yes*	***No***	*Services not fully operational yet*
3.	*DNA and genetic testing*	*Yes*	***In progress*** – Blood samples are now being processed	*Awaiting arrival of laboratory expendable supplies*
4.	*Quality of Life Questionnaires*	*Yes*	*Yes*	*N.A.*
5.	*Dietary and psychosocial counseling*	*Yes*	*Yes*	*N.A.*
6.	*Inpatient treatment of CF patients*	*Yes*	*Yes*	*N.A.*
7.	*Pulmonary Function Testing*	*Yes*	***No***	*Ordered Spirometer has not arrived*
8.	*Educational workshops for health Care providers about our newly established services*	*Yes*	***No***	*Awaiting the arrival of project equipment*
9.	*CF Database creation*	*Yes*	*In progress*	*N.A.*

Section VI: Monitoring and Evaluation Tracker

Objective	*Result*	*Indicator*	*Output /Outcome*	*Data Source*	*Frequency*	*Responsible Person/Team*	*Baseline Value (7/8/10)*	*Target Value (7/8/11)*	*Actual Value* (31/10/10)
Increasing Awareness	Increased	# of counseling sessions	Output	CF Team	Monthly	George Zoughbi Wafa Qumsieh	Zero	100	40
		# of Brochures distributed	Output	CF Team	Monthly	Wafa Qumsieh	Zero	3000	0
		# of Physical therapy sessions	Output	Physical Therapy Dept.	Monthly	Asma Siman Amal Nassar	Zero	2800 (Total inpatient and outpatient sessions)	54 Outpatient 510 Inpatient sessions
Provision of a new service	Dietary counseling	# of patients counseled	Output	George Zoughbi	Monthly	George Zoughbi	Zero	100	45
	Quality of Life Questionnaire	# of Quality of life questionnaires done	Output	CF patients and their families	Every 3 months	Amal Nassar Asma Siman	Zero	100	34
	Genetic Testing	Discovery of Mutations causing CF in the Palestinian population	Outcome	Medical Laboratory	Every 3 months	Musa Hindyeh	Zero	100	0
	Pulmonary Function Testing	Improvement or Worsening	Outcome	Spirometer Results	Quarterly	George Zoughbi	Zero	100	0
Engagement of MOH doctors and health professionals	Establishment of linkage with regional healthcare workers	# of health professionals attending our **12-workshops**	Output	Workshops' Sign-in sheets	Every 3 months	Caritas Hospital CF team	Zero	200	0
		# of outside referrals	Output	CF Team	Every 3 months	Caritas Hospital CF team	Zero	280	4

Section VII: Outstanding Issues and Solutions

(*Please indicate any outstanding issues and implementations problems faced during the implementation periods and options for resolving these issues and problems)*

Activity	Challenges/Issues/Problems	Factors that contributed to challenges/issues/problems	Possible Solutions
1.	Cannot start home visits and educational workshops without having all services in place	• Proposed equipment have been ordered and we are awaiting their arrival	
2.	Pulmonary Function Testing not started yet	• Spirometer machine ordered but not yet available	
3.	Genetic analysis not yet started by our medical laboratory	• Some expendable supplies and other laboratory equipment which have been ordered are not yet available	**In order to compensate for the lost time, blood samples are being obtained from patients and their families and stored, in preparation for DNA testing**
4.	Educational brochures not printed yet	• The issue of modifying a WHO-copyrighted material is unresolved yet	

Section VIII: Sustainability of Efforts

Caritas Baby Hospital will be purchasing 2 electronic chest vests for use in CF patients to help in airway clearance and improve breathing. The vests will be a great asset to our physical therapy department in the upcoming months.

Caritas Hospital is already planning to include the CF clinic in our budget for 2011/2012. Our administration and the Continuing education department is already planning to send a team of doctors and physical therapists from our hospital to other places such as Israel and Europe in order to help them gain more experience in the field of CF treatment.

Section IX: Beneficiaries-

Activity Title	*Number of beneficiaries according to gender & Name of town, village, or refugee camp*
Outpatient Physical Exams by Pediatrician	***7 Females**: 2 From Hebron; 2 from Shioukh; 2 from Hebron; 1 from Fawwar Camp ***4 Males**: 1 from Beit-Sahour; 1 from Kharas; 1 from Deheisheh Camp; 1 from Kharas
Outpatient Physical Therapy sessions	**14 females:** 1 from Bethlehem; 4 from Hebron; 1 from Thahiryeh; 4 from Shioukh; 2 from Kharas; 1 from Fawwar Camp; 1 from 'Arroub Camp; **9 males:** 1 from Fawwar Camp; 2 from Hebron; 1 from Beit-Sahour; 3 from Shioukh; 1 from Kharas; 1 from Deheisheh Camp
Inpatient Treatment	***5 Females:** 3 from Shioukh; 1 from Hebron; 1 from Tarkoumia **2 Males:** 1 from Shioukh; 1 from Hebron **(Both of these male-patients have been admitted to the hospital during September and were discharged home during October)**
Dietary, Genetic and psychosocial Counseling "Quality of Life Questionnaires"	*The 11 patients seen in the outpatient clinic as well as the 5 patients admitted to the hospital, received counseling.
Pulmonary Function Testing (Spirometry)	*Spirometer not yet available*
Genetic Testing (DNA analysis)	*Blood samples have been obtained from 15-patients (9 females ➔ 2 from Hebron; 1 from Fawwar Camp; 4 from Shioukh; 2 from Kharas; 1 from Tarkoumia. 6 Males ➔ 1 from Fawwar Camp; 1 from Shioukh; 1 from Kharas; 1 from Deheisheh camp; 1 from El-Doha)* Blood samples were also obtained from 27 family-members (Parents and Siblings)
Educational Workshops	*Not started yet*

Section X: Impact on participants/beneficiaries

(*Please assess the impact these implemented activities have had on the participants/beneficiaries and the tools used for their measurement.)*

When comparing the responses documented in the Quality of Life Questionnaires, the following information was reported by patients and their families after successful treatment of patients' lung infections:

- Better appetite and improved weight gain
- Improved mood and less anger episodes
- Less absenteeism from school and improved social life
- Greater energy and stamina

Section XI: Beneficiaries Reaction➔

Quote 1:

Name:

[insert a quote from a beneficiary and their picture]

Quote 2:

Name:

[insert a quote from a beneficiary and their picture]

Section XIII: Impact Story Tracker➔

(This tracker is to be used by the grantee staff to track potential written, video and multimedia impact stories that will show the positive affect that project interventions are having on our beneficiaries. This tracker should be submitted to the Flagship Project)

Project Activity	*Story Description*	*Key Messages*	*Key Interviews/Contact information*	*Communication Tools (e.g. written success story, video, radio, press release, etc)*

Section XIII: Media Coverage

(Please include a summary of any press articles, radio, or TV interviews)

Annexes

(Please note that a minimum of five copies of any publication must be included, publications constitute books, brochures, newsletters, bulletins, video cassettes,; and single copies must be included for other products such as newspaper clippings, project announcement, and audited financial statements)

1. ***Trainer Reports***
2. ***Training Manuals***
3. ***Printed Material (ex: brochures, posters, flyers)***
4. ***Pictures***
5. ***News Paper Articles***
6. ***Other : questionnaires, tools, etc***