

Safe Delivery Initiative for the Pakistan 2010 Flood Affected

Tides Foundation Grant Identification Number:-

TFR10-01992

Background of Naya Jeevan:-

Naya Jeevan is a California based not for profit 501(c)(3) organization (Tax ID Number :- 26-0551721) working to provide health insurance through established underwriters to the marginalized and socioeconomically disadvantaged Pakistanis.

For premiums averaging 150-200 rupees/month (usually paid by employers/organizations but co-payments encouraged), beneficiaries are provided cashless card based services in close to 150 hospitals across Pakistan. The coverage limit is 150,000 rupees/annum(the benchmark for cardiac surgery in the network hospitals).The plan covers emergencies, surgeries, and hospitalization. More details can be found on the website: <http://www.njfk.org> .

Flood Relief Efforts:-

Naya Jeevan has been involved in flood relief efforts over the past nine months in the following ways

a) Safe Delivery Initiative:-

High risk third trimester pregnancies were offered the chance to deliver at the nearest high quality network hospital in the presence of doctors and OT facilities. Currently, 115 deliveries have been catered to in the Jamshoro/Hyderabad region (Collaboration with FLP; <http://flp.org.pk/>), Thatta region (Collaboration with HANDS; <http://www.hands.org.pk/>), and Keamari/Hawks Bay camp in the outskirts of Karachi.

The rationale of choosing private hospitals for deliveries was that the Government hospitals were over-burdened and had very high turnovers. Some even had to make women share beds. Our intervention would make sure that high risk deliveries did not suffer from lack of care or hurried care. For many women this was also their first experience of giving birth at a hospital and we wanted to make sure the first experience was a nice one.

b) NGO school Initiative :-

Just before the floods Naya Jeevan had launched a calendar campaign to raise money to provide health care coverage to children at NGO schools. With the advent of floods it was decided that Naya Jeevan would try to help out children at NGO schools in flood affected areas as they would have health needs because of being in areas recently devastated by floods (e.g increased outbreaks of diarrheal diseases, respiratory diseases, skin diseases, etc).

3,888 school children affiliated with the NGO school system DIL (<http://dil.org/>) in Khairpur have been given a health plan for the year 2011 to deal with in-patient and out-patient expenses.

c) *Medical Camps:-*

Thanks to the medications donated by GlaxoSmithKline Pakistan (<http://gsk.com.pk/>), Naya Jeevan was able to hold several medical camps in flood-affected areas while registering pregnancies. Majority of the patients seen were women and children.

d) *Medicine/Clothing in flood affected areas:-*

Dr.Hina Chaudry of Mount Sinai Hospital in New York arranged a hundred kilograms of vital medicines in September 2010 for the flood affected. These medicines were flown free by Pakistan International Airlines (PIA) and were delivered to UM Health Care Trust, near Mardan.

Similarly medications and clothing were arranged by Mr. Zahid Nomani from the US in December 2010. Naya Jeevan helped channel these flood-relief goods to flood affected families in Sind through the efforts of PK Ambassador to the UN, Abdullah Hussain Haroon.

Safe Delivery Initiative Narrative:-

After Naya Jeevan's upcountry visit in August 2010 to UM Health Care Trust and CDRS joint flood relief camp in village Meoli near Charsadda it was apparent that women and children were the most vulnerable. Several reports from interior Sindh also started circulating in the public health and disaster management community about the dangers of delivering in an unsafe environment for the large number of women that had been displaced.

At this critical juncture the Tides Foundation stepped up and gave Naya Jeevan a grant of \$25,000 for flood relief efforts. Naya Jeevan decided that it would like to work on ensuring safe deliveries in flood affected areas. At this point several documentaries surfaced showing the plight of pregnant women. (http://www.pbs.org/newshour/bb/asia/july-dec10/pakistan_11-09.html).

Naya Jeevan initially wanted to channel high-risk third trimester pregnancies to the nearest network hospital and hire skilled birthing attendants for normal vaginal delivery in the camps. It decided to partner with FLP (Future Leaders of Pakistan) since they already had established flood relief camps across Sindh and had rapport in the community. During the first site assessment visit in Jamshoro, it became clear that even normal deliveries in the camp posed a high risk because of lack of water and sanitary conditions. It was decided that all pregnant women in their third trimester would be deemed high-risk and offered a chance to deliver in a hospital. A quick survey of the camp and our conversation with the camp showed us the willingness of the community to deliver in a hospital setting. A few days after the initial pre-assessment survey a medical camp was held at the Jamshoro Toll Plaza camp and pregnancies were registered and given iron and folate supplements. They were also given Naya Jeevan's helpline to communicate any problems during pregnancy. A school teacher was chosen as

the designated focal person to help the community in connecting with Naya Jeevan in case of any problems.

Naya Jeevan decided to roll out the initiative in three phases with FLP. In Phase one Hyderabad/Jomshoro would be serviced. As soon as this was up and running, the network in Thatta would be built, and then the remaining camps would be offered this facility. Hyderabad/Jamshoro were chosen first because of proximity to Karachi (a two hour drive) and the availability of network hospitals. This would allow Naya Jeevan to test feasibility before moving to the more remote regions in Sindh.

An internal target of catering to five hundred (500) pregnancies was set. Additional money was raised through fundraising events and social media networks.

The setup turned out to be more difficult than first thought. Edhi Ambulance services in Hyderabad quickly agreed to offer emergency pick and drop services for the women free of cost. However meeting hospital administrators was a hassle and several trips had to be made before an agreement was reached with two hospitals in Hyderabad, WaliBhai Rajputana Hospital and Isra University Hospital. By this time a couple of deliveries had taken place at the Jamshoro Toll Plaza camp.

Lal Bibi was the first delivery that took place under Naya Jeevan's safe delivery Initiative on 4th of November, 2010. A total of five pregnancies have been catered to from the Jamshoro toll plaza campsite since then. In addition prenatal services were availed by two women and neonatal re-admission was required for newborn for jaundice. All deliveries so far in this region have been normal vaginal deliveries.

While waiting for us to be introduced to the other camps in Hyderabad and Jamshoro by FLP who themselves were stretched thin by their massive flood relief efforts and hindered by the fact that this was a purely volunteer organization, Naya Jeevan decided to research Thatta and save time in hospital negotiations. It was found that HANDS was working on a very similar initiative in Thatta (NARI project) funded by the Packard Foundation (<http://www.packard.org/>). They were channeling deliveries to two hospitals; Al Shafee hospital and Taluka Hospital since October 2010. Naya Jeevan decided to plug in the FLP camps into the NARI project. 100 pregnancies from FLP set up camps would be catered to by HANDS. One FLP camp in Sujjawal Bund was surveyed and a medical camp held. Twelve pregnancies were found.

However soon it was realized that there was too much mobility and a hundred pregnancies just from the FLP camps would not be possible. We asked HANDS to cater to any pregnancy that their field staff encountered during their visits. A total of 109 pregnancies were catered to by the end of March, 2011 by HANDS on behalf of Naya Jeevan.

In the meanwhile, students working in the Keamari Hawkes Bay camp contacted Naya Jeevan to inform us that several neonatal deaths had occurred in the camp over the week and that women were delivering in the camps in the presence of traditional birth attendants known as "dais". Naya Jeevan visited the area and interacted with the men and women there. We were told that during the first two months some organization had deposited money in a nearby hospital, Murshid Hospital. However once the funds ran out they were no longer entertained. They were from the Jacobabad district and did not want to go back because they didn't have the money to pay the landlords for the loss of machinery and crops in the floods. The in-camp traditional birth attendant told us that she couldn't deal with cases of post partum hemorrhage that were occurring in the camp. We asked if they had been

satisfied with the services of Murshid Hospital previously and were told that they didn't face any problems as long as the funds lasted. Funds were deposited at Murshid hospital by Naya Jeevan to restart the safe delivery initiative

A survey revealed fifty one pregnancies and an elderly lady with congestive heart failure with severe respiratory distress. The elderly lady was transferred to Murshid Hospital urgently where she remained in the intensive care unit followed by the general ward for a week. Unfortunately, when she came back to her camp she had recurrence of her symptoms and passed away in the camp.

A total of three deliveries and one prenatal visit have been entertained so far in Murshid Hospital.

Flood Relief Timeline - Naya Jeevan:-

August 10, 2010: Naya Jeevan starts soliciting donations to help in the flood relief via partners on ground.

August 13, 2010:- Naya Jeevan starts helping populate the Google Resource Finder with hospitals and spreading the word.

August 24, 2010 :- Naya Jeevan team returns from its visit to Charsadda where they helped out UM Health Care Trust/CDRS cause.

September 20, 2010:- Naya Jeevan starts soliciting funds for the safe delivery initiative.

September 21, 2010:- Google announces grant to charitable organizations (including Naya Jeevan) in Pakistan working in flood relief.

October 11, 2010:- Naya Jeevan's Team Returns from a Safe Delivery Initiative Pre-Assessment Site Visit of FLP's Jomshoro Camp

October 28, 2010: Naya Jeevan's Team in Collaboration with FLP Conducts a Medical Camp at the Jomshoro Relief Camp

November 04, 2010: First Successful Delivery at a Hospital under Naya Jeevan's Safe Delivery Initiative for Flood Impacted Pregnancies

January 12, 2011: MOU signed with HANDS for safe delivery initiative in Thatta.

January 20, 2011: Survey Visit of FLP camp Sujjawal Bund

January 28, 2011: Medical Camp and Hygiene Workshop Sujjawal Bund in collaboration with HANDS

February 09, 2011: 50,000 PKR deposited for the Keamari Town/Hawks Bay Camp at Murshid Hospital

March 03, 2011 :- Fifty one Pregnancies registered in the Keamari Town/Hawkes Bay Camp

March 09, 2011:- First Successful Delivery from Keamari/Hawks Bay camp at Murshid Hospital
Preliminary Data for Pregnancies Shared by FLP:-

Jamshoro Camp One	07
Jamshoro Camp Two	09
Hyderabad Camp One	58
Hyderabad Camp Two	15
Thatta Camp One	45
Thatta Camp Two	02
Thatta Camp Three	230
Thatta Camp Four	08
Thatta Camp Five	12
Thatta Camp Six	26
Thatta Camp Seven	45
Thatta Camp Eight	14
TOTAL	393

Case Summaries:-

Original Target :- 500 deliveries

Total Deliveries Catered To Till April 2011:- 115 deliveries

Average cost of Normal Vaginal Delivery in network hospital:- Rs. 6520 (approx. 76 dollars)

Average cost of C- Section:- Rs.18000 (~\$210)

Range of Cost:- Rs. 5154 – Rs.18541

Status of Project :-

- Ongoing in Keamari Hawks Bay Camp, Karachi.
- Slowly phasing out in Thatta and Jamshoro.
- Expansion Plan to cover pregnancies in Dadu identified by Real Medicine Foundation/Life Bridge who are providing mobile health services to the villagers rebuilding their communities.

Expected Close of Project :- August 2011

Camp	Total Pregnancies
<i>Jamshoro Toll Plaza Camp</i>	05 pregnancies during survey 08 pregnancies during medical camp
<i>Sujawal Bund Camp</i>	11 pregnancies during site survey 12 pregnancies during medical camp
<i>Kemari Town Karachi Camp</i>	51 pregnancies during survey
TOTAL	71 pregnancies registered in database

	Normal Vaginal	C – Section	Total
<i>Isra University Hospital, Hyderabad</i>	2	0	2
<i>WaliBhai Rajputana Hospital, Hyderabad</i>	2	0	2
<i>HOPE Hospital, Thatta</i>	14	33	47
<i>THQ Hospital, Sujawal</i>	62	0	62
<i>Murshid Hospital, Hub</i>	2	0	2

TOTAL	82	33	115
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Learning Experiences and Progress Towards Goals:-

FLP Identified Camps	<p>Future Leaders of Pakistan has been a wonderful partner in flood relief. The rapport they built in the camps and the amount of work done across Pakistan has been mind boggling.</p> <p>However, in terms of this project due to the fact that it is a purely volunteer based group it was challenging to coordinate site visits for introduction into the community. Only two of the twelve camps were shown to the Naya Jeevan medical team.</p> <p>Naya Jeevan already had the set-ups in place in Hyderabad/Jamshoro and Thatta. More pregnancies could have been shuttled into the program without too much additional logistical burden.</p>
Small Community Approach	<p>One of the reasons Naya Jeevan worked with FLP was because of a similar approach of working with communities through the years rather than a one off program. Naya Jeevan wanted to build trust in the communities that it served so in the future it could follow them with more initiatives with the ultimate long term goal of building a customized health plan for these communities.</p> <p>Naya Jeevan was successful in the communities shown by FLP and will continue with more projects and liaising with other organizations to work in their rehabilitation.</p> <p>In Thatta eventually Naya Jeevan had to abandon the small community approach because of mobility and non – introduction to other camps in favor of the HANDS model of registering pregnancies.</p>
Behavioral Modification	<p>Most of the women were used to delivering at home. The Jamshoro Toll Plaza camp was Baloch in ethnicity (but permanent residents of Hala, Sindh before the floods).</p> <p>FLP mentions that in the beginning they were fiercely protective of their women and told FLP that if the women received ration for the household in the absence of men they would not</p>

	<p>tolerate it.</p> <p>The hard work of FLP is shown by the fact that when Naya Jeevan was shown around the camp, the men took the team and showed them the women and allowed photos. This made the work of Naya Jeevan easy in assessing and explaining the safe delivery initiative in the community.</p> <p>This camp has been very effective in alerting Naya Jeevan if women were experiencing labor pains. This allowed Naya Jeevan time to alert Edhi and the hospital to be ready.</p>
Hospital Stay	<p>Most of the communities showed willingness to deliver in a hospital. However, Naya Jeevan and the hospitals faced problems in convincing the women to stay in the hospital once it was found out that the pains were false labor. In spite of the fact that Naya Jeevan had no issues paying for the additional stay and the hospital also had available beds, the women consistently left against medical advice.</p> <p>In several instances they called a few hours later and had to be shifted again to the hospital.</p> <p>The reasons given were that “We are used to living in the open. We feel claustrophobic here”.</p>

List of Key Funders/Partners – Naya Jeevan Flood Relief:-

Google/Tides Foundation	25,000 dollars
GlaxoSmithKline Pakistan	Free medications including antibiotics, anti parasites and Ventolin. Currently being used in Naya Jeevan Medical camps.
Dr. Hina Chaudhry (Mount Sinai School of Medicine, New York)	100 kilograms of medicine delivered to Naya Jeevan. Medicines transferred to our partners in relief UM Health Care Trust
Pakistan International Airlines	Free transport of medicines from the US
Fauzia Adeel Butt	21,000 dollars from Dubai fundraising
Samar Khan Niazi	6,300 dollars from Singapore fundraising
Future Leaders of Pakistan (FLP)	Identification and facilitation of flood affected camps
HANDS	Conducted Naya Jeevan deliveries in Thatta
Edhi Ambulance Services	Free transport of pregnancies to and from the camp in Hyderabad

In addition there were many contributions through small fund raisers via volunteers across the world. Half the money was reserved for the safe delivery program, while the other half was made available for providing health coverage to DIL school children in Khairpur (a flood affected district).

Financial Summary:-

Medications for Medical Camp (Mainly Iron Supplements, Folate Supplements, Multi-vitamins, Anti-fungals)	Rs. 56,433
Soap Bars to be distributed during Medical Camps	Rs. 6,061
Meals/Drinks for Medical Teams during survey visits and medical camps	Rs. 16,135
Transportation/Car Fuel	Rs. 31,330
Miscellaneous	Rs. 5,467
HANDS deposit	Rs. 1,271,160
Advance Deposit Hyderabad (WaliBhai Rajputana Hospital and Isra University Hospital)	Rs. 100,000
Advance Deposit Hyderabad (Murshid Hospital)	Rs. 100,000 (in two installments)
PLI Fund at Allianz EFU for 3888 DIL school children At Khairpur, Sindh (One year Health Plan)	Rs. 400,000
TOTAL	Rs. 1,986,586 (\$ 23,372)

- Conversion Rate :- One USD equals 85 Pakistan Ruppees
- Remaining money available for further expansion for safe deliveries and insuring NGO school children