

TIMMY

GLOBAL HEALTH

MEDICAL SERVICE TRIP REPORT

***BOISE STATE UNIVERSITY AND
BULTER UNIVERSITY***

11-18 JANUARY 2014

MONTECRISTI | DOMINICAN REPUBLIC



MEDICAL SERVICE TEAM

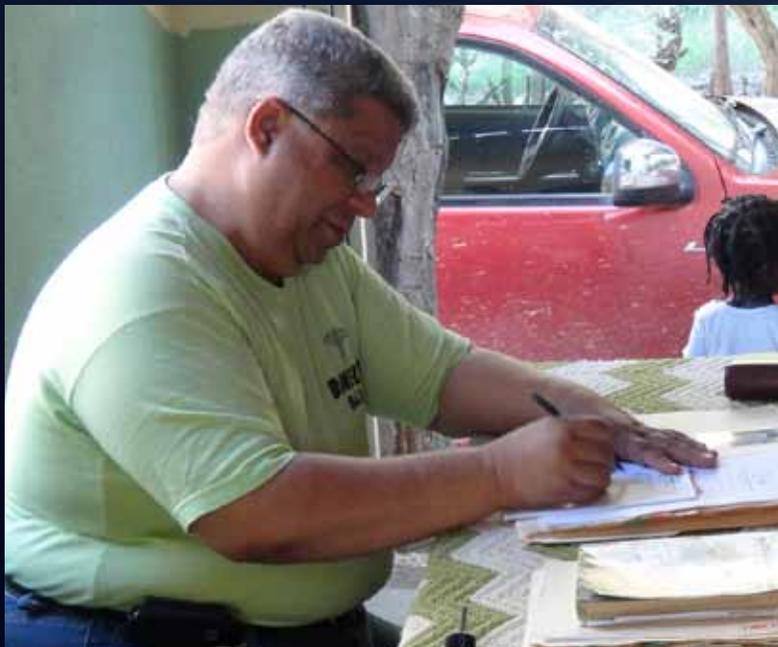
MONTECRISTI, DOMINICAN REPUBLIC

BANELINO is a fair trade banana cooperative working in the northwestern Dominican provinces of Montecristi and Valverde. Its membership is comprised of both male and female landowners. Through its fair trade model, BANELINO receives USD \$1.00 for every box of bananas that is exported, mainly to the European market. Funds accumulated from its fair trade model are fed into social programming including education, recreation and health. BANELINO's health program provides services to the workers and the families of the cooperative living in rural and marginalized communities, also known as bateys.

Bateys are comprised of stagnant Dominican families and Haitian migrant families working in banana plantations. Families living in these communities lack social support. Communities are accessed through unpaved dirt roads, have variable electricity and some have no potable water. Further disparity is experienced by peoples of Haitian descent, whose access to the school system and health services becomes more difficult due to lack of documentation status and Spanish proficiency.

BANELINO's health program in Montecristi counts on the support of one doctor, one nurse, and a team of community health workers. BANELINO conducts community visits in the bateys of Montecristi four times per week, reaching 10 communities every month.

In the Dominican Republic, Timmy collaborates with BANELINO. This partnership began in January of 2012, with its first medical brigade in May of that year. Timmy/BANELINO brigades are held five times a year in the same five communities.



The Timmy/BANELINO partnership has been strengthened through the implementation of a patient referral program, Timmy long-term volunteer involvement and integration of TimmyCare, Timmy's EMR system.

ATTENDING PHYSICIANS

Nicole DeGreg NP

Jeffrey Jones MD

Allyson Reynolds NP

Mercy Obeime MD

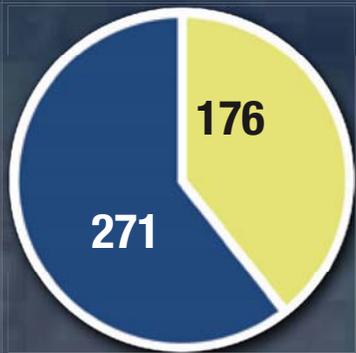
CLINICAL PROFILE

Powered by TIMMYCARE

5 partner communities were served in mobile medical clinics.

In total, we treated

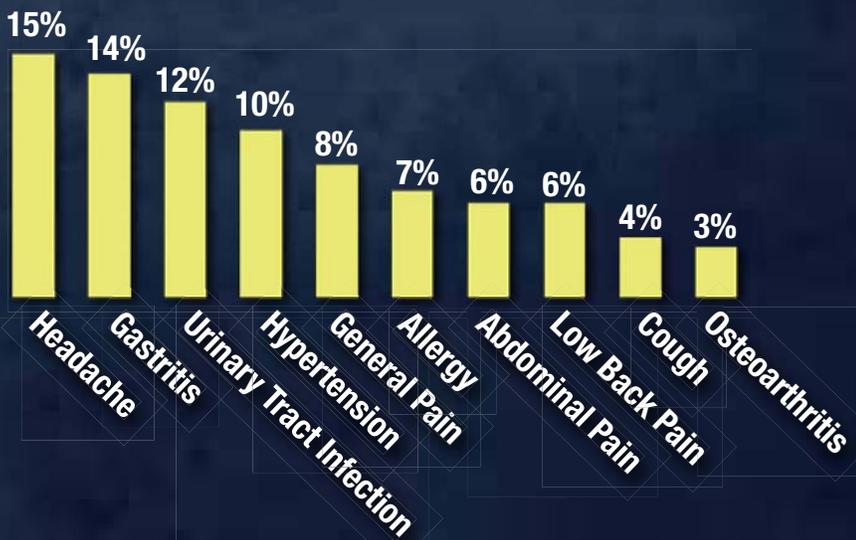
447
PATIENTS



■ WOMEN
■ MEN



TOP DIAGNOSES



POPULAR PRESCRIPTIONS

MEDICATION	TIMES PRESCRIBED
Acetaminophen	194
Ibuprofen	100
Ranitidine	56
Albendazole	43
Guaifenesin DM	37
Calcium Antacid	34
Loratadine	31
Naproxen	27
Atenolol	24
Enalapril	23

1

How many patients were referred to a partner hospital for further treatment?



82

2

What percent of patients have chronic conditions, requiring regular care?



33%

3

How many community patients were returning for care after previous visits?



48%



MEDICAL REFERRALS with HEALTH PARTNERS

MONTECRISTI REFERRAL SYSTEM

Timmy and BANELINO display commitment to continuous healthcare through its referral program. The referral program provides visiting physicians the option of referring patients for items such as additional testing not offered during medical clinics such as sonograms, x-rays, and lab work. A physician may also refer for minor and major surgeries. Our physician with BANELINO, Dr. Garcia, provides follow up to referral cases to insure proper procedure.

Patients are referred to specialists working in Montecristi and the nearby city of Santiago at both public and private facilities. Public facilities, such as the Padre Fantino Public Hospital in Montecristi, offer free health services to patients. Besides public institutions, patients may be referred to private clinics, such as Clinica Dra. Suero in Montecristi, to receive more personalized care.

Through funding from the referral program, patients receive 100% coverage for medical procedures. Some patients are provided with further incentive to cover transportation, food and housing if necessary for the procedure.

REFERRALS WRITTEN

18% of total clinical population



Of the 82 referrals made, 3 cases were labeled high priority. 51 referral patients were female and 31 were male.





OUR PARTNER COMMUNITIES

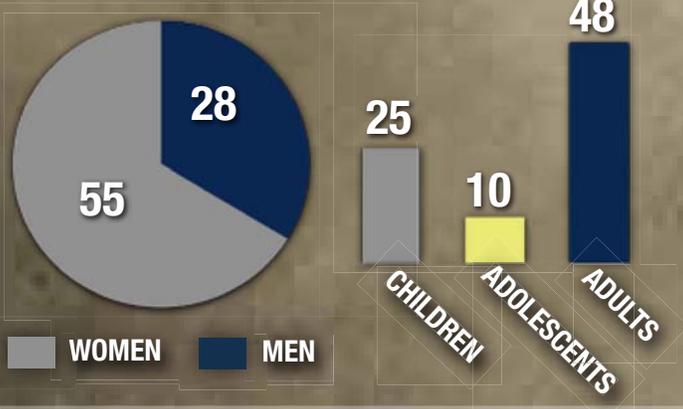
ISABEL - MAGUACA - WALTERIO - MADRE

Four of the communities served are predominantly Dominican. This includes Isabel, Maguaca, Walterio and Madre. Isabel and Maguaca host no people of Haitian descent. Madre and Walterio have some people of Haitian descent. Isabel and Maguaca are the two largest bateys, with populations around 600 people each. Madre is the smallest community with about 150 inhabitants. Due to its centralized location, Madre hosts a community library (no books are available) and the only rural community health clinic. Maguaca's name comes from an indigenous word meaning 'a large body of water.' The four bateys fall along the same dirt road leading to the highway, with Isabel being the farthest from the highway, then Maguaca, Madre and Walterio each progressively closer to the highway. All four of these bateys host small grocery stores, primary schools, and include a baseball field in the center of the community.

ISABEL

January 13

Number of patients seen: 83
 Percent of total who were returning patients: 48%
 Rate of patients referred: 11%



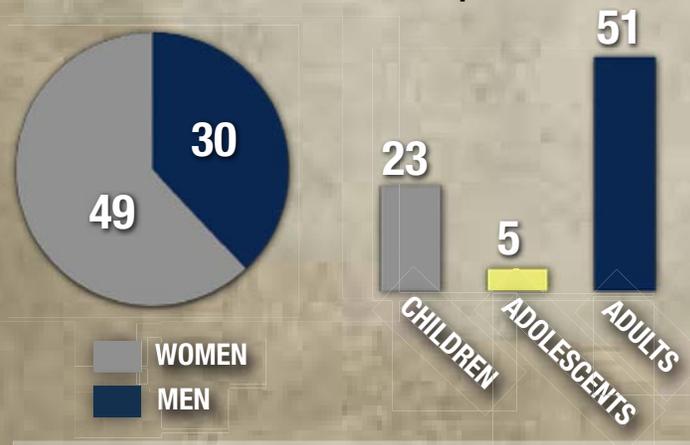
SIGNIFICANT DIAGNOSES

URI (non-spec) 20%	Asthma 12%
Headache 18%	Hypertension 12%
Gastritis 17%	Abdominal Pain 10%

MAGUACA

January 14

Number of patients seen: 79
 Percent of total who were returning patients: 34%
 Rate of patients referred: 24%



SIGNIFICANT DIAGNOSES

Headache 23%	Hypertension 19%
URI (non-spec) 20%	Allergy 10%
Gastritis 19%	General Pain 10%

WALTERIO

January 15

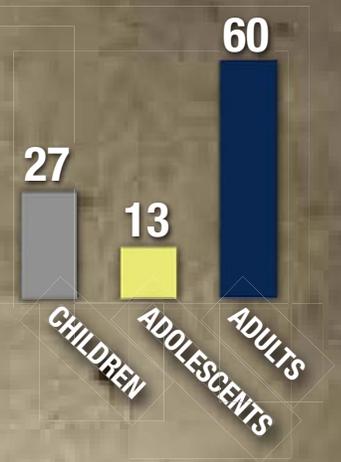
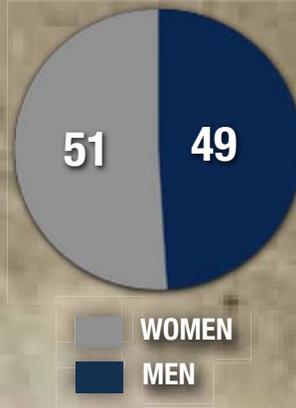
Number of patients seen: 100

Percent of total who were returning patients: 47%

Rate of patients referred: 15%

SIGNIFICANT DIAGNOSES

Headache 23%	Hypertension 16%
URI (non-spec) 18%	General Pain 13%
Gastritis 16%	Allergy 11%



THE BATEY SYSTEM AND BANELINO

The Dominican Republic is known for its batey system. The bateys were constructed as housing projects for farm workers and their families. Land owners would employ workers in large plantations of sugar, coffee and other agriculture. Originally, Dominicans settled into barrack style housing. Afterwards, Haitian migrants would cross the border to seek out work in agriculture. In the northwestern region, banana production is the most popular. One of the communities served during medical brigades, Jaramillo, was named after a Colombian who, after sailing over flat land next to the ocean, deemed it prime location for banana production under the infamous United Fruit Company.

Today, plantation style work under one private landowner no longer exists. Large private production firms passed on their roles to the government with the pressures of the Trujillo dictatorship from the 1930's to early 60's. Afterwards, control of the bateys was retained by the government and went through waves of varying productivity under unstable political administrations. Today, the government still owns most of the land, but some has gone into the hands of private landowners, including those with membership in BANELINO.

MADRE

January 16

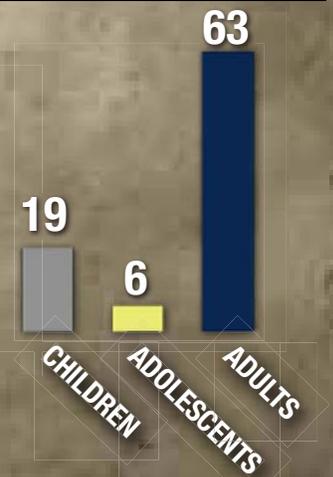
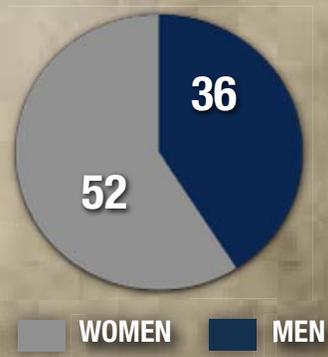
Number of patients seen: 88

Percent of total who were returning patients: 57%

Rate of patients referred: 19%

SIGNIFICANT DIAGNOSES

General Pain 24%	URI (non-spec) 16%
Hypertension 22%	Allergy 8%
Gastritis 21%	Abdominal Pain 7%
Headache 21%	





JULIANA-JARAMILLO BANANA PACKAGING PLANT

Juliana and Jaramillo are independent communities. The BANELINO Juliana/Jaramillo banana packaging plant lies between both communities, and this is where clinic is held for the day. The packaging plant contains a medical dispensary where visits are conducted on Tuesdays, and medications are stocked and distributed by the BANELINO health team in between brigades.

At the Juliana/Jaramillo packaging plant, the majority of patients seen are of Haitian descent. Most of these people of Haitian descent are workers and their families who migrate back and forth across the border.

Jaramillo is divided into three geographical parts: Cequia-La Puerta, Sarna-Batey al medio and Batey Jaramillo. Cequia-La Puerta hosts all Haitian migrants. These people live in the harshest conditions with whole extended families living in one room compartments and no access to potable water. There are very little Haitian migrants living in Sarna-Batey al medio, and only two Dominican families live in Batey Jaramillo.

High migration rates and lack of structural support from local officials leave both Juliana and Jaramillo lagging behind other neighboring bateys. Schools are currently not open for the children in these two communities and infrastructure is lacking with variable electricity and the only water sources being nearby contaminated canals.

Through its work in health services, BANELINO seeks to ameliorate disparity in these communities. With the Timmy/BANELINO partnership, it is intended that health services become more accessible and that specialized care through the referral program becomes an option.

JULIANA

January 17

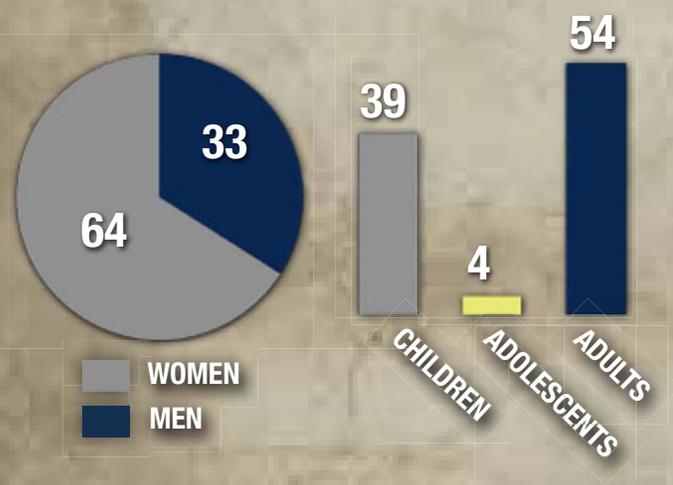
Number of patients seen: 97

Percent of total who were returning patients: 16%

Rate of patients referred: 26%

SIGNIFICANT DIAGNOSES

- Gastritis 26%
- Headahce 23%
- Low Back Pain 18%
- URI (non-spec) 12%
- Abdominal Pain 11%



*A special thanks to all medical professionals
and volunteers for their service and
commitment to improving access to quality
healthcare within our communities.*



TIMMY

GLOBAL HEALTH

www.timmyglobalhealth.org

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