Project Medishare For Haiti

ANNUAL REPORT

2014

www.projectmedishare.org
Who we Are: Project Medishare has been working in Haiti for almost 20 years providing comprehensive community healthcare and development services in rural areas. After the Earthquake, Project Medishare responded immediately by opening a field hospital in partnership with University of Miami, treating more than 30,000 patients in 5 months. In May 2010, the equipment and personnel moved to a community hospital in Port-au-Prince called Hospital Bernard Mevs (HBM). It is currently the premier critical care, trauma and rehabilitation hospital in Haiti. Project Medishare works with community and government leaders to define our program priorities and missions, aiming for Haitian-run, sustainable programs.
As we pass the fifth anniversary of the earthquake, I am excited to update you on our programs and some of Project Medishare’s most significant accomplishments in 2014. Our community health, trauma and educational projects continue to grow and leave a lasting impact on the communities we serve in Haiti.

Since the earthquake, Hospital Bernard Mevs, with Project Medishare’s support, has treated over 300,000 people as the only trauma/critical care hospital in Haiti with adult, pediatric and neonatal ICUs. International volunteers now serve as mentors to the full-time Haitian staff of physicians, nurses and allied healthcare professionals. Our services to the impoverished community in the Central Plateau continue to grow, and we are proud to boast a vaccination rate of over 95% in our catchment area of 100,000 people. We inaugurated a medical complex in Marmont which hosts a new maternity clinic to further serve women and children in the region, as well as a newly constructed community health clinic.

What’s in store for 2015? In the Central Plateau, we plan to fulfill our commitment to the communities by further expanding our services to orphan and vulnerable children and piloting a school lunch program, while continuing to address poverty, the root cause of poor health.

In Port-au-Prince, 2015 is the year for the groundbreaking of a new National Critical Care and Trauma Complex, including a Training and Education Center and a Helicopter Air Rescue Facility in partnership with the Haiti Air Ambulance (HAA). This effort is being co-sponsored by the Haitian government and of equal importance, by the Haitian business community, as both realize that a historic public/private partnership is necessary to provide this safety net of national healthcare security that will allow Haiti to achieve its post-earthquake goals of industrialization and decentralization. The second phase of this plan will be the creation of Level II critical care and trauma annexes throughout the ten departments of Haiti and the training and equipping of a national emergency medical service and a well-organized disaster recovery plan. Unique opportunities, such as electronic medical records and telemedicine, will provide the citizens of Haiti, as well as its tourists and visitors, with the resources necessary to deal with the five preventable causes of death today in Haiti: heart attack, stroke, major trauma, severe burns and maternal emergencies.

The most important part of this strategy is that not only does it represent a historic public/private partnership, but also incorporates a plan for self-sustainability. That is what Project Medishare is all about – empowering the Haitian people by creating capacity in the healthcare sector and creating sustainable infrastructure and programs.

Thank you for undergoing this journey with us and supporting our vision for a healthy Haiti.

Best regards,

Barth A. Green, M.D.
On January 12th, 2010, Project Medishare was running a series of community health programs in
the Central Plateau which are still part of our crucial mission today. January 12th changed the lives
of many Haitians and the country forever. It also left a lasting need for improving the country’s
emergency services. For Project Medishare, the emergency relief effort took the form of a large 300-
bed tent hospital just hours after the disas-
ter. This has evolved into a long-term
training and capacity building project for
Haiti’s trauma system.

The last five years heralded a remarkable
transformation at Hospital Bernard Mevs
from an all international staff of physi-
cians and nurses to a completely Haitian
team staffing this 24/7 facility. This trans-
formation was possible due to generous
donors and the 6,400 volunteers who
dedicated their time and effort to saving
lives and educating Haitian medical pro-
essionals in intensive care and new surgic-
al techniques.

Medishare moved the tent hospital operations to Hospital Bernard Mevs in 2010. In the past 4.5
years, since the start of the partnership with Medishare, HBM has treated over 300,000 patients and
paved the way for trauma and critical care in Haiti. They showed
that a Haitian-run and operated
facility is capable of operating an intensive care unit to a high standard and saving some of the tini-
est infants.

Projects born out of the relief effort such as our amputee and prosthetics programs and spinal injury
unit contributed to Bernard Mevs’ reputation as one of the best rehabilitative resources in the region.
Haitians who lost their limbs in the earthquake are now manufacturing and fitting limbs for their fel-
low Haitian citizens. Over 1000 prosthetics have been fitted at HBM.

In the past year, the Haitian government and Haitian private sector came together to take the next
step in the amazing vision to offer first world care in Haiti - the development of a National Critical
Care and Trauma Complex and national trauma network. We look forward to this ground-breaking in
2015, just steps away from where Project Medishare treated victims of the 2010 earthquake.
Community Health

Background: Project Medishare provides comprehensive community healthcare and development services in rural Haiti, most specifically in the communes of Thomonde, Lahaye and Marmont and develops intervention strategies for priorities determined by the community. The population served by these programs mostly live in poor, rural, mountainous and widely isolated villages with dispersed habitat. Medishare has 4 major programs in this region: community health, maternity, school health and the orphans and vulnerable children (OVC).

Project Medishare continues with a stronger than ever commitment to the relatively isolated Department of the Central Plateau. Our community health programs serve over 100,000 men, women and children from birth to death by utilizing well-trained community health agents and birthing agents in cooperation with our multiple NGO organizations, partners, and most importantly, serving the national strategy of the Ministry of Health.

In 2014, we opened the Miss Marie Medical Complex in memory of our former country director, Marie Chery, who passed away earlier this year. The Medical Complex includes a newly built Marmont Medical Clinic, run in partnership with the Haitian Ministry of Health which replaces an older building damaged by the 2010 earthquake. Our long-time partner in the orphans and vulnerable children program, Cross Outreach International funded the construction.

This new complex is also home to a new maternity center, which provides pre- and post-natal care, delivery and women’s health care. Construction for this center was generously funded by the Greig Family Foundation. This area of Haiti has one of the highest maternal mortality rates. This center will be the frontline for saving the lives of mothers and their children. With almost 400 births in the area every month, this center will be very busy in the years to come.
Community Health

Our school based health programs and orphan and vulnerable children (OVC) programs highlight our commitment to children, the community and the goal of raising the health of subsequent generations. We will commence a pilot school lunch program in the coming year to combat malnutrition and ensure the retention of vulnerable students. The OVC program provides healthcare, birth certificates, school fees and livelihood opportunities to vulnerable families living near Haiti’s border with the Dominican Republic. The community health program extends services from Medishare clinics to the communities by doing house to house visits and rally posts to assure good vaccination coverage and access to care for those for whom the journey to nearby clinics is difficult. In 2014, more than 40,000 people attended rally posts provided by Medishare’s community health workers. This led to a rise in the number of children vaccinated across our programs.

Graph 1.: Type and number of vaccines administered in Medishare programs in 2014 for children aged 0-11 months

<table>
<thead>
<tr>
<th>Vaccine Type</th>
<th>1st quarter</th>
<th>2nd quarter</th>
<th>3rd quarter</th>
<th>4th quarter</th>
</tr>
</thead>
<tbody>
<tr>
<td>BCG dose unique</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Polio 3</td>
<td></td>
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<td>Penta3</td>
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<tr>
<td>RR (measles/Rubella)</td>
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<tr>
<td>Complete Immunization</td>
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Our partnerships with universities based in the United States continue to bring medical teams and students to our programs. These partnerships are enriching for all involved: the community by providing medical education and care and the teams by exposing the next generation of public health professionals to our qualified Haitian and American staff.

SNAPSHOT 2014

Numbers treated at Rally Posts: 40,000

Number of Children vaccinated: 7,500

Number of Children in the orphans and vulnerable children program: 387

# of births at the Marmont Maternity Center: 386
Hospital Bernard Mevs

Background: Hospital Bernard Mevs is a 50-bed trauma and critical care hospital which employs more than 160 Haitian medical and support staff. In 2013, the hospital operations were supported by Project Medishare, the Haitian government and private Haitian donors. HBM in partnership with PM provides comprehensive, specialty, critical care and trauma services to all Haitians regardless of their financial resources and treats 65,000 patients annually.

Hospital Bernard Mevs, the premier critical care and trauma hospital in Haiti, has intensive care units specially designed to provide state of the art treatment for newborns, children and adults. It is a busy trauma center, treating emergencies from all over Haiti. In 2014, the hospital saw over 65,000 patients, up from 60,000 in 2013 and is strategizing for self-sufficiency by expanding services to the private sector and offering insurance.

To meet increased demand, the hospital is also expanding its wards.

In 2014, the outpatient and urgent care facilities underwent renovation and expansion. A new building housing volunteer quarters and private rooms will open in the coming year as will an expanded adult intensive care unit.

Project Medishare’s Boule Training and Education Center is also undergoing a transformation. It will soon house specialized outpatient clinics with world-class expertise in ophthalmology, wound healing, women’s cancer, infectious disease and pediatrics. Medishare’s Pediatric Residency Program is ongoing at Bernard Mevs and affiliate institutions and will be joined by residency programs in Neurosurgery and Orthopedic Surgery in 2015. All three programs are in collaboration with and under the guidance of the Haitian Ministry of Health.

The Breast Cancer Program has treated over 200 women with breast and cervical cancer since it opening in 2013. In January 2015, the program will host training in partnership with the Haitian Ministry of Health to expand cancer services outside the capital, Port-au-Prince.

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Hospital Bernard Mevs

Hospital Bernard Mevs continues to be a magnet for specialty surgical teams and performs over 1,400 surgeries every year. A specialty orthopedic team from Canada at HBM collaborated with General Hospital (HUEH) to perform 100 orthopedic surgeries at HBM in October and November. The team continues to support the orthopedic residents with a telemedicine teaching program in collaboration with HBM and the dean of HUEH.

The long-running hydrocephalus program treated more than 200 children with the debilitating disease in 2014 with teams from Miami Children’s Hospital, the University of Miami, University of Texas Health Science Center at Houston Children’s Memorial Hermann Hospital, Mischer Neuroscience Institute and Washington University.

Over 900 medical volunteers visited HBM in 2014. Our volunteers continue to provide bedside training but in fewer numbers as the Haitian staff excel at learning the specialty skills required in a trauma and critical care setting. HBM’s staff is now teaching the next generation of Haitian health professionals.

### No. of patients treated annually in

<table>
<thead>
<tr>
<th>No. of patients treated annually in</th>
<th>No. of elective operations performed</th>
<th>No. of children treated annually in</th>
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</thead>
<tbody>
<tr>
<td>Urgent Care: 5,630</td>
<td>1,480</td>
<td>PICU: 722</td>
</tr>
<tr>
<td>ER: 1,524</td>
<td></td>
<td>ICU: 275</td>
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<tr>
<td>Trauma: 2,458</td>
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<td>Respiratory Isolation: 76</td>
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*Project Medishare for Haiti*
We would like to recognize those who support Project Medishare by donating funds and volunteering time with us. We could not perform these life-changing and life-saving activities without you. 2015 will be a promising year for all our programs and we look forward to taking the next steps with you.

Best wishes,

Project Medishare for Haiti

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