

Global Wellness Mission Report Guyana, 2020:

Country Demographic Information:

Though rich in oil and minerals, Guyana is one of the poorest countries in both CARICOM and South America. (USAIDS Statistics, 2003). For much of the last several decades, the field of global health has focused on the material aspects of healthcare delivery in poor countries: building clinics and hospitals, increasing access to cheap medications and vaccinations, distributing bed nets to prevent malaria or packets of oral rehydration solution to treat diarrhea. All of these things are incredibly important and have certainly saved many millions of lives, but in recent years there has been an increasing focus on what is arguably the most valuable resource within any healthcare system: human resources. All the medications and supplies in the world won't do patients much good if there aren't doctors and nurses and paramedical staff and community health workers trained to use them, and to teach patients to use them.

Unfortunately, in much of the developing world which includes Guyana, these very same healthcare workers are in incredibly short supply. It has been incredibly heartening over the years to slowly watch the level of medical care reach new heights at hospitals such as Georgetown Public Hospital, New Amsterdam Public Hospital, Linden Hospital and Bartica Hospital. One of the amazing aspects about knowledge and training is that they are inherently renewable resources. Unlike drugs and equipment, knowledge never has a stock-out, never breaks down, and never stops working when the power goes out. In my experience, improving medical provider training also has the effect of improving other components of the healthcare system, since trained doctors and nurses feel empowered to demand the medications, equipment, and efficient systems that they know they need in order to save patients' lives.

NATIONAL HEALTH CONCERNS: HIV/AIDS AND CERVICAL CANCER

Simpson noted that while Guyana has been making progress in fighting mother-to-child transmission and stabilizing infection rates, key vulnerable segments of the population such as male homosexuals, transgender persons, sex workers, drug users and youths. "Some of those groups have as high as twenty percent prevalence rates in those communities so HIV is still very much a crucial issue for Guyana," said the gay rights activist. Experts say the incidence of cervical cancer in Guyana is double that in the Caribbean and Latin America and 10 times higher than in the United States.

Guyana has shown that it does not have the capacity to bring prior health development programs to scale at the national level, such as a recent program to train community health workers in all of its regions, with maximal efficiency and limited corruption. Taking notes of strategies that have and have not been successful in the past and determine new directions that key stakeholders believe will be more effective.

DESKAN'S ROLE :

DESKAN INSTITUTE & TRAINING, Inc., a non-profit organization formed in 1989, with a strong

history of service to the community nationally and internationally, is embarking on its 12th Medical Mission and Continuing Medical Education Training from 2014-2020.

Goal

The goal of this mission is designed (a) to build the capacity of leaders and their organizations under taking sustainable programs that address cutting-edge-issues and (b) to provide the space for networking and the building of strategic partnerships that will broaden the impact of responses to all social issues. (SUB) The goal is to demonstrate the organization's commitment to excellence in medical education for their physicians and other health care professionals.

OUR JOURNEY

So on July 20th, 2020 the Deskan Institute group of various professionals, including doctors, nurses, teachers, and healthcare professionals, arrived in Guyana, South America to give support and provide medical services. While in Guyana, we recruited a few more volunteers to help support our mission's efforts. In an effort to carry out our mission's activities and purpose, we traveled extensively by all means of transportation to both desolate and revolutionized communities; as well as poverty stricken and well-to- do ones. Prior to starting our mission day, all in attendance was greeted with heartfelt melody, praise, worship, hospitality and support from the various youth groups, missionaries, and pastors of respective churches in Guyana. They all came together as one to provide a union of fellowship, and friendship between the mission volunteers and those in attendance.

Planning and Organization Day of Global Wellness and Medical Mission,2014-2020.

DESKAN INSTITUE & TRAINING, INC: Sunday July 21, 2014-2020. Official Opening Day of Deskan Global Wellness and Medical Mission: Sunday Planning and Organization Day at Project Dawn, Lilliendaal, East Coast Demerara.



Demonstrating how to position the ECG leads with Dr. Joan Liverpool and Faqueeda Watson

Monday July 21, 2014 !!NOW IT IS TIME TO SORT MEDICATIONS at Project Dawn



STACY NOBLE, JOSHUA RAIMAH and KWAME MAKINI and Team Deskan sort

medications at Project Dawn



The University of Guyana 4th Year medical Student Joshua Rainah and Patrice Douglas sort and label medications.

There is a great need to review : How to monitor their blood sugar.

How to take their Blood Pressure: How to Do Breast Self-Exam and yes learning how to live with their stress. This is the least I could do to help our first people of Guyana.

On Monday day August 22st, 2020, a day of leisure and preparation for day outreach mission some members of the team.. During the evening, some members of the team were invited an evening of sightsee and learning more about , Georgetown Guyana and it night life.. It was a time of celebration and a time to remember, the people of Guyana.

Wed. July 23rd 2014: Cotton Tree Health Center

Medical Outreach :COTTON TREE

Over 800 residents of the Cotton Tree, Corentyne area benefitted from free medical care last Sunday when Deskan Institute &Training, Inc., as the leading NGO collaborated with other NGO's from the USA, Canada and local Guyana NGO conducted an outreach. The event was coordinated with the doctors in Region Six – East Berbice-Corentyne.

The clinic which was held in collaboration with the Ministry of Health and the Guyana Defence Force saw patients who were suffering from conditions including diabetes, hypertension, renal failure, eye diseases and stroke.“It was very comforting to see many old and young persons coming out to benefit from this free outreach clinic... The response was excellent.

DESKAN Medical Mission Outreach



Weavers Society Building





Registration



Medical outreach in West Berbice: EYE CARE

EYE CARE TEAM OVER 200 patients seen and received EYE Glasses..





Medical outreach in West Berbice



Medical Students from the University of Guyana – in Prayers



University of Guyana School of Social Work.



GUYANA DEFENCE FORCE AT WORK



MEDICAL TEAM AT WORK



Dr. Modupe AinaAkinpelu Examin

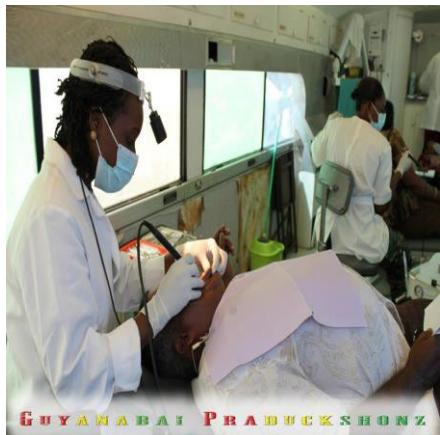


Patients came by foot, wheel chair, bus, car and bicycle.



GUYANABAI PRADUCKSHONZ

A dentist along with dental assistants from the Guyana Defence Force (GDF) also provided dental services from its mobile dental bus.



GUYANABAI PRADUCKSHONZ

Many of the persons who were waiting for medical attention were senior citizens of that and surrounding communities. I was tasked with the responsibility of education and counseling. One of the most startling facts that I noticed was many of those who were present especially the elderly, suffers from high blood pressure and sugar, even though they were members of the local clinic. Many complained that the clinic is never open or have medicine.

Thu. July 24th 2014: Mahaicony Health Center for medical Outreach

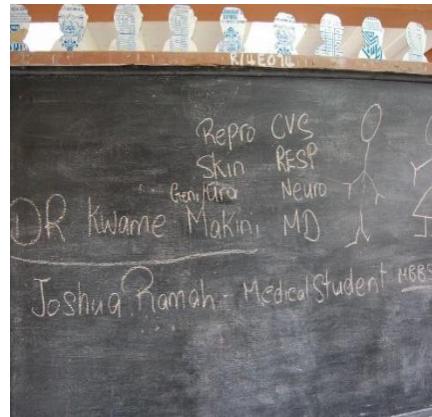
MEDICAL TEAM:MAHAICONY

Mahaicony is a community that is made up several villages on the East Coast of Demerara -- Region 5 (Mahaica Berbice) in Guyana. Mahaicony's physical boundaries on the coast is from De Hoop village in the west to Calcutta village in the east.



REGISTRATION TIME....HEIGHT & WEIGHT Mahaicony

On Saturday, July 26, another 400 residents at Mahaicony, gained medical and dental treatment. Dental Care was offered by the Guyana Defence Force.



SOCIAL SERVICE SUPPORT

EYE CARE CENTER

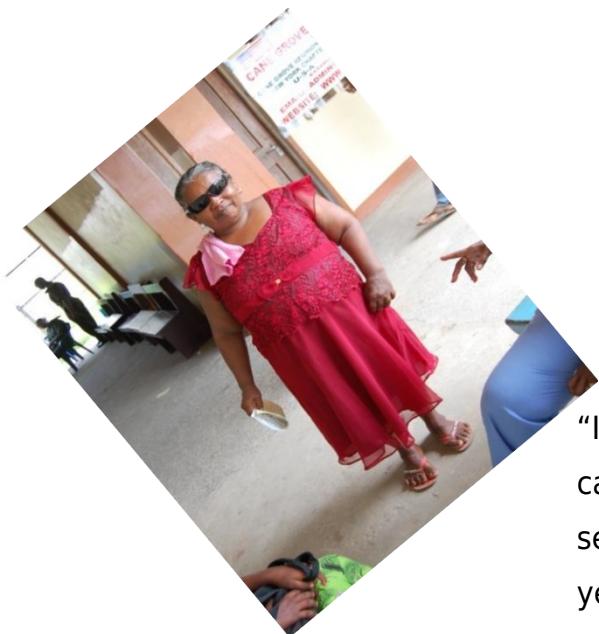
The team which had seen over 400 patients was again greeted with an overwhelming crowd of people who sought the need to capitalize on the free medical and eye care services. The patients were screened and treated with a high percentage receiving free reading glasses based on their eye care needs. Glaucoma, keratoconus and cataracts were among the popular cases observed, then referred to their doctors or the Hospital for follow-up care.

Medical Student Tweedy, a third year medical student who hails from the University of Winsor, expressed similar sentiments. She said despite the venture was a tedious one, it paid off in the end with hundreds benefiting from improved vision. "At the end, watching kids faces light up, light up just because we give them glasses made it all worth it." Alex , a high school student, said she now feels empowered, noting the mission was an eye opener with new knowledge gained.

She said despite lacking certain equipment, optometrists should strive to deliver the best service to patients. "It's all about making a difference in the lives of people. That is why we came!! A total of 149 Reading glasses, 75 Frames and 33 Sun Glasses.

The below picture and personal experience is one such documentation captured by Deskan Mission 2104.

SUCCESS STORY



A Success Story

"I waited a whole Year for this: Last year when you all came I did not get one. Oh! I am so happy. Look I can see better. I will go home now. Thanks so much. Next year I will get another one", said this patient...

MAHAICONY: Selected CASE REPORT Submitted by Our student :

Mrs. Singh is a 29 year old female who presented with a pain and swelling of the right side behind the ear, right groin and right breast. She had no past significant medical history. Examination of the patient revealed swollen post-auricular lymph on the right as well as right sided groin lymph swelling and right

sided axillary swelling. The left side of the neck was grossly swollen with limited range of motion with flexion, extension and lateral rotation. Retro auricular, axillary and groin lymph nodes were palpable. The patient was febrile to touch with a temperature of 99.60 F.

Lymphadenopathy in this patient is most likely due to a viral infectious process vs. a malignant one given the history and physical examination findings. The fact that the nodes were tender, painful and enlarged within a few days strongly suggests an inflammatory process in the area drained by these nodes. In this case, virus caused enlargement of the draining lymph nodes of the affected areas. The patient was treated with oral naproxen 75 mg which is a non-steroidal anti-inflammatory drug for a course of two weeks and referred to New Amsterdam Public Hospital for further blood testing.

Generalized lymphadenopathy can be defined as enlargement of more than two non-contiguous lymph node groups. Lymph nodes have a considerable capacity to increase in size. Their size depends on the individual's age, their location and any immune activity in which they may be involved. Most generalized lymphadenopathy is due to benign self-limited disease, such as viral or bacterial infection but it can be caused by a wide range of conditions.



PRIMARY Healthcare is needed in Guyana.

CANE GROVE



CONSULTATION TIME: MAHAICONY





**HOW ONE YEAR CAN
MAKE A
WORLD OF A DIFFERENCE: Success at last. Job in the social services. SUCCESS:**





LEONIA KYT

WELCOME TO GUYANA

WELCOME TO GUYANA

Guyana (full name is Co-operative Republic of Guyana) is a tropical country situated on the northern coast of South America. It is the only country in South America where English is the official language. It is bordered by Venezuela on the west, Suriname on the east, Brazil on the south and the Atlantic Ocean on the north.

Guyana has an area of 214,969 sq km (83,000 sq mi), about the size of Great Britain.

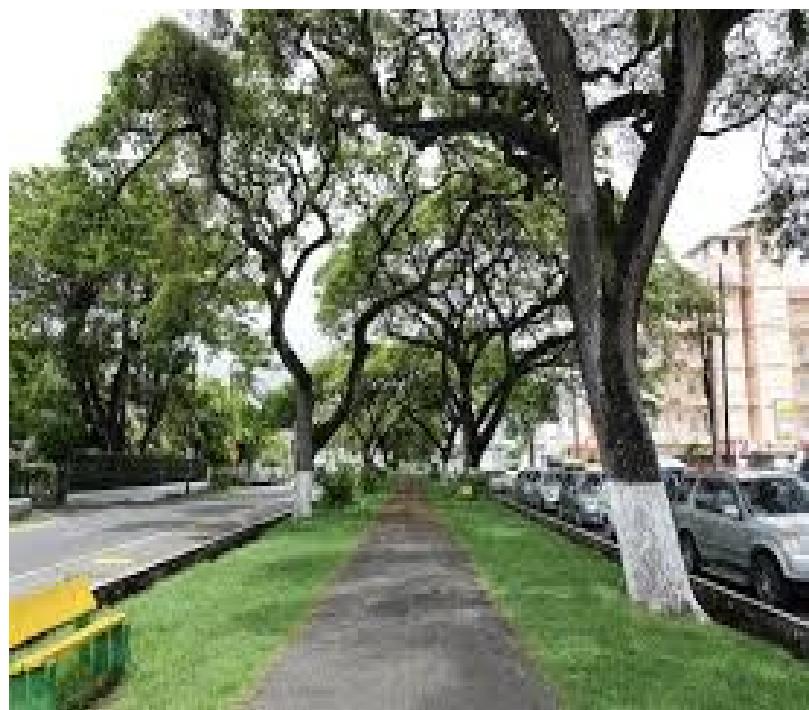
The name Guyana is an Amerindian word meaning Land Of Many Waters. We are known as the country of Six People- Africans, Amerindians, Chinese, East Indians, Europeans and Portuguese. Guyana is notably famous for Kaieteur Falls, which is situated on the Potaro River, where that river falls off the Pakaraima Plateau. Kaieteur Falls

Kaieteur is one of the highest waterfalls in the world, being nearly five times as high as the Niagara Falls in North America. Our Falls have a clear drop of 741 feet, then a further drop of 81 feet over the great rocks at the bottom. Kaieteur was discovered in 1870 by C. Barrington Brown, who also discovered Orinduik and Kuribrong Falls. The name Kaieteur is an Amerindian word, and the falls should properly be called Kai-Tuk.

Georgetown being the chief port and capital is situated on the right bank of the Demerara River estuary. In Georgetown, familiar landmarks include the lively Stabroek Market, the sea-wall and the Anglican cathedral of St George, the tallest wooden building in the world.

Guyana Tourist Attractions





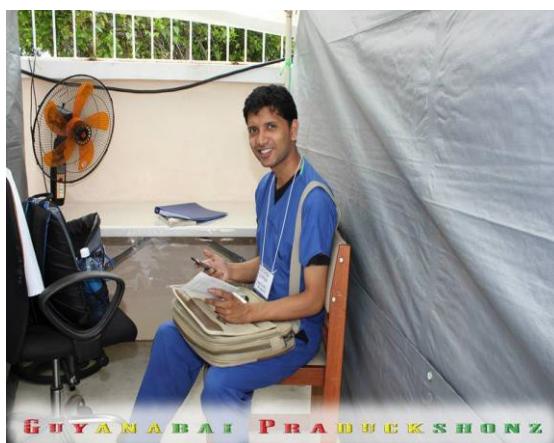
Celebrations



Foods



WELCOME TO # 9. VILLAGE BERBICE Mon. July 2014: No#9 Village Berbice, Health Outreach



On Wednesday, August 4th, 2014

The team traveled to No 9 Village, West Coast Berbice. We arrived at about 9:30 a.m. where we were greeted by many members of the church and other villagers of the Community. About and seventy six (76) persons, to include adults and children as well as young people attended the clinic. They were all educated and counseled by the Doctors, nurses and volunteer workers on the prevention of HIV/AIDS, Cancer, Domestic Violence and other ailments which they may have encountered. It was well attended, and persons willingly opened up themselves to the health workers, and clinic went on very smoothly. All who attended were treated and sent home. Many welcomed the opportunity knowing that the medical care, educational information, booklets, materials and talks were free of charge and they were all happy about it.

Selected CASE REPORT :

GLOBAL HEALTH & WELLNESS MEDICAL MISSION

Deskan Restoring Hope Through Compassion...

GLOBAL MEDICAL OUTREACH

JUN
Sunday
9TH June



ALL HEALTH CHECKS
ARE FREE!!

9TH

GOAL OF MISSION

Build the capacity of leaders and their organizations undertaking sustainable programs that address cutting edge issues

To provide the space for networking and the building of strategic partnerships that will broaden the impact of responses for all

Clinical Updates in Healthcare Delivery
June 14th - 15th, 2019



For CME Credits Register at:
www.bridgesglobalmedicalmissions.org



Help Sponsor a Medical
/Freshman College Student
www.deskan.net

ASK THE EXPERTS ABOUT:

- ▶ Cervical & Prostate Cancer
- ▶ Headache & Dementia
- ▶ Infectious Disease
- ▶ & Much More



Plaisance Market, E.C.D
Time: 8am - 12pm

DESKAN INSTITUTE & TRAINING, INC.

Building Bridges of Hope and Dignity
through Empowerment and Knowledge

CME: WOMEN'S HEALTH LEARNING INSTITUTE

- Imaging as a tool to reduce mortality rate
- Fever in the tropics by BGMMCO

Mrs. Barrat is a 59 year old female with a past medical history of uncontrolled diabetes, uncontrolled hypertension, who presented with complaints of generalized pruritus, polyuria, polyphagia and polydipsia of three month duration and itchy rash on both feet for the last three years. She had a GMR of > 319 mg/dl on the day of slides. Based on the fact that this patient was symptomatic and had a GMR of greater than 300 mg/dl, a diagnosis of uncontrolled diabetes mellitus was made. A fasting blood sugar and an elevated HbA1c will be able to confirm.

The patient was given Metformin 500 mg bid stat to bring her blood glucose as close to normal as possible. She was also given Captopril 25 mg sublingual stat and Furosemide 40 mg PO in an attempt to bring her blood pressure as close to normal as possible. The patient was also given Miconazole nitrate 2% ointment to apply to the tineapedis. She was educated about life style changes such as weight loss and exercise as well as maintaining a diabetic and hypertensive diet. She was also educated on the importance of medication compliance and the importance of taking the medication everyday as prescribed.

Diabetes Mellitus is a group of metabolic disorders sharing the common underlying feature of hyperglycemia. It is the leading cause of end stage renal disease, adult onset blindness and non-traumatic lower extremity amputation.

The pathogenic process involved in the development of hyperglycemia varies widely. Type 1 diabetes is characterized by an absolute deficiency of insulin caused by pancreatic B cell destruction and account for 15% of cases of diabetes. It most commonly affects individuals at time of puberty, but can occur at any age. The loss of B cell function is usually ascribed to autoimmune mediated processes directed against the B-cells and may be triggered by an invasion of viruses or action of chemical toxins. The autoimmune disease is caused primarily by T lymphocytes reacting against poorly defined B cell antigens which start years before the disease becomes evident. The classic manifestation of type 1 diabetes is hyperglycemia

and ketosis which occurs late in its course after more than 90% of the B cells have been destroyed. Type 1 diabetes requires exogenous insulin to avoid the catabolic state that results from hyperglycemia and life threatening ketoacidosis.

The metabolic defects that are characteristic of type 2 diabetes are:

- A decreased ability of the peripheral tissues to respond to insulin (insulin resistance)
- B cell dysfunction that is manifested as inadequate insulin secretion in the face of insulin resistance and hyperglycemia.

Risk factors for type 2 diabetes include obesity, sedentary lifestyle, unhealthy eating habits, family history and genetics, increased age, hypertension, hypercholesterolemia, race, history of smoking and alcohol use and a history of gestational diabetes.

The onset of diabetes is marked by polyuria, polydipsia, polyphagia, and glycosuria and with extreme derangement, ketoacidosis.

Complications of diabetes include cardiovascular events such as MI, renal vascular insufficiency, cerebrovascular accidents and lower extremity gangrene. The effects of diabetes on the microvascular circulation are most profound in the retina, kidneys and peripheral nerves resulting in diabetic retinopathy, nephropathy and neuropathy respectively.

The diagnosis of diabetes is established by noting the elevation of blood glucose by the following criteria:

1. Fasting blood glucose $\geq 126\text{mg/dl}$ on more than one occasion
 2. An abnormal oral glucose tolerance test in which glucose is $\geq 200\text{ mg/dl}$
 3. A random blood glucose of $> 200\text{ mg/dl}$ with classical signs and symptoms and 4.
- HbA1c $> 6.5\%$

Type 1 diabetics must rely on exogenous insulin to control hyperglycemia, avoid ketoacidosis and maintain acceptable levels of glycosylated hemoglobin. Weight reduction, exercise and dietary

modification decrease insulin resistance and correct the hyperglycemia of type 2 diabetes in some patients. Most patients are however dependent on oral hypoglycemic agents, but as the disease progresses, B cell function declines and insulin therapy is often required to achieve satisfactory serum glucose levels.

Tineapedis, otherwise known as ringworm is a common and contagious dermatophytic fungal infection of the skin that causes scaling, flaking, and itching of the affected areas. Symptoms are caused by fungi such as *Epidermophyton floccosum* or fungi in the *Trichophyton* genus such as *T. Rubrum* or *T. Mentagrophytes*.

The disease is typically transmitted in moist communal areas where people walk barefoot, such as showers or bathhouses, and requires a warm moist environment, to incubate.

The condition typically affects the feet, but may infect or spread to other areas of the body such as the groin and tends to spread to areas of skin that are kept hot and moist, such as with insulation, body heat, and sweat. The fungal agents responsible for infection may be picked up by walking barefoot in an infected area or using an infected towel. Infection can be prevented by limiting the use of occlusive footwear and remaining barefoot. Globally, it affects about 15% of the population.

The fungal infection causing athlete's foot may spread to other areas of the body and is known by a different name after spreading to another region. For example, the infection may be known as tineacorporis when the body or limbs are affected or tineacruris when the groin is affected. Athlete's foot most often manifests between the toes, with the space between the fourth and fifth digits most commonly afflicted.

The most common complications of athlete's foot are onychomycosis and cellulitis. Some individuals may experience an allergic response to the fungus called an id reaction in which blisters or vesicles can appear in areas such as the hands, chest, and arms. Treatment of the underlying infection typically results in the disappearance of the id reaction.



Prior to starting our day in Berbice, everyone in attendance was greeted with heartfelt melody, praise, worship, hospitality and support from the various youth groups, missionaries, and pastors of respective churches in Berbice. They all came together as one to provide a union of fellowship, and friendship between the mission volunteers and those in attendance. THANKS

Brief History of DURBAN: A SUGAR CANE FARM

DURBAND BACKLANDS: A SUGAR CANE FARM: This is an area that is in desperate need of help. This infusion would aid it to become more resilient in nature so that its physical, social and economic challenges can be more in line with the growth for the 21st century. This area has limited resources and an

array of complex social, economic and environmental challenges. The area is plagued with high unemployment, no transportation system, endemic violence, chronic food and water shortages. Massive health challenges abound and no electricity is supplied on a regulated basis. About one-third of the Guyanese population lives below the poverty line; indigenous people are disproportionately affected. Guyana's economy is closely tied to its sugar industry, which supports about 80 percent of the population. Most of the sugar jobs are low-paying field work. With a minimum wage of 50 cents a day, many people find it difficult to pay for transportation to and from work.



DURBAND BACK LANDS

A University of Guyana 4th
year Student Faqueeda Watson
Conducts pre-screening



A Windsor University Third year Medical School Student
Talitha Tweedy conducts examinations





REGISTRATION>>>>LINE TO PHARMACY



Dr. Modupe examines patient

Deskan Volunteer-Charles Liverpool provides
Building materials for home



THE PROCESS >>STOP

MEDIA TIME:MEDIA RELEASE

DESKAN MEDICAL MISSION TEAM, SUNDAY, AUGUST 6-18, 2004



DESKAN WAS FEATURED IN MEDIA: NEWSPAPER & CHANNEL #9

Benschop Foundation offers medical outreach

JULY

in order to access free medical services provided by the Deskan Institute and Training Medical Mission.
30, 2014 | BY KNEWS | FILED UNDER NEWS

Squatters residing in the area aback of the Botanical Gardens turned up in their numbers yesterday



A doctor examining a child

The Medical outreach was held in collaboration with the Benschop Foundation.

Deskan Institute is a non-governmental organization which strives to assist organizations to strengthen their capacity, provide services and to enhance the work environment with the objective of expanding the delivery of health education and health promotion. Although the team has been travelling to Guyana to render their assistance for the past several years, yesterday was the first time they visited the residents in that small community.

The team did mostly physical examinations on children and adults. They distributed medication they brought from their homeland, the United States of America. In some cases, patients were advised to visit the Georgetown Public Hospital Corporation (GPHC) to seek further attention.

According to one of the doctors, Joan Liverpool, her colleagues have observed a lot of persons suffering from High Blood Pressure, High Cholesterol, skin rashes and diabetes among other illnesses. She told Kaieteur News that in one instance a seven-year-old child appeared to be suffering from some form of heart complication. The parent of that child was advised to take her to the GPHC to do an EKG (electrocardiogram). “These patients are lacking medical care and education. We have seen patients with heart problems, uncontrolled diabetes, high blood pressure and so on. We come every year to help the Guyanese people and today (yesterday) we have come here to assist,” Dr. Liverpool said.

Head of the Benschop Foundation, Mark Benschop said that Dr. Liverpool contacted him and asked in what way she could assist the entity. “Right away I told her about the people from the back of the Chinese Embassy and she agreed and I think we should have more persons coming on board to assist these people,” Benschop said.

MENTAL HEALTH DAY



Close to 40% of all Guyanese people live in poverty with a minimum wage of 50 cents a day, many people find it difficult to pay for basics in life.

DESKAN INSTITUTE & TRAINING, INC partnered with The BENCHOP FOUNDATION to distribute food and school supplies to the children of Bare Root, East Coast Demerara. This village consists of 70 double-unit houses, sanitation blocks, a community center, a school with 12 computer

workstations, several neighborhood retail shops, access to potable water, and a community garden area to grow food..



Pictured below are Teneassa Francis off to Annandale and Samantha Bevaney off to Bishop's Hugh School





Children of Bare Root Community waiting on their school supplies.





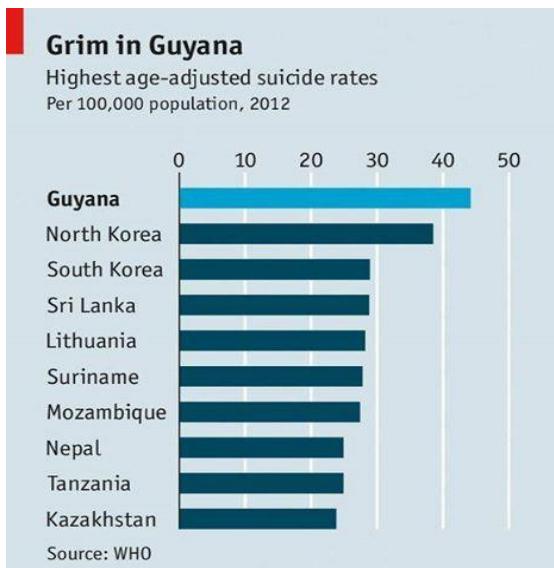
About one-third of the Guyanese population lives below the poverty line:

Poverty in Guyana affects both the urban slums and indigent farming communities with about one-third of the Guyanese population living below the poverty line. Both communities suffer from inadequate healthcare and poor educational facilities. The rural poor have access to land for crops and for building small homes, but they have a difficult time moving around and making use of government services. The urban poor face different problems, with families often living in crowded, unsanitary conditions.

Deskan Institute &Training, Inc

Health Concerns of Guyana:Leading causes of death

Suicide in Guyana is interconnected to poor coping skills associated with a cycle of violence that includes murder-suicide, interpersonal violence, corporal punishment, and child sexual abuse. The World Health Organization (WHO) announced recently that Guyana is ranked as having the highest suicide rate in the world. Posted by Centre for Social Justice and Development Inc.



Age Group	Leading causes of death
Under 5	Perinatal, ARI1, ADD1, accidents/injuries, HIV/AIDS
5 - 15	Accidents/injuries, AR1, ADD1, cancer, malnutrition/anaemia
15 - 44	HIV/AIDS, accidents/injuries, suicide, ARI2/ADD2
45 - 64	Heart disease, cerebrovascular disease (stroke), diabetes, cancer
Major Causes	

Emerging Infectious Disease Outbreaks in Guyana

The New Healthcare Crisis: Explosive spread of Ebola

Ebola or Ebola hemorrhagic fever is caused by direct contact with blood or body fluids of a person or animal who is infected with the Ebola virus. Symptoms can include the sudden onset of fever, headache, joint and muscle aches, sore throat, weakness, diarrhea, vomiting, and stomach pain. Other symptoms can include a skin rash, red eyes, and internal and external bleeding.

When the experts describe the Ebola disaster, they do so with numbers. The statistics include not just the obvious ones such as caseloads, deaths and the rate of infection, but also the ones that describe the speed of the global response. Right now, the math still favors the virus.

Global health officials are looking closely at the “reproduction number,” which estimates how many people, on average, will catch the virus from each person stricken with Ebola. The epidemic will begin to decline when that number falls below one. A recent analysis estimated the number 1.5 to two.

Ebola cases in West Africa have been doubling about every three weeks, and no data suggests a major change in that trend line.

“The speed at which things are moving on the ground, it’s hard for people to get their minds around. People don’t understand the concept of exponential growth,” said Tom Frieden, director of the U.S. Centers for Disease Control and Prevention. “Exponential growth in the context of three weeks means, ‘If I know that X needs to be done, and I work my butt off and get it done in three weeks, it’s now half as good as it needs to be.’”

Guyana says it is barring citizens from four African countries to fend off Ebola
(Reuters) - Guyana said on Thursday it has denied entry to citizens from four Ebola-hit West African nations for the past five weeks, in an effort to stop the disease from entering the small South American nation.

Guyana stopped issuing visas to citizens from Guinea, Liberia, Sierra Leone and Nigeria on Sept. 9, said Foreign Affairs Minister Carolyn Rodrigues-Birkette. In addition to the visa denials in Guyana, health officials will screen anyone who traveled to those four African countries in the six weeks prior to their arrival in Guyana.

Guyanese health services are unable to test for Ebola, but around 1,600 health workers are being trained to detect cases, the government added.

(Writing by Alexandra Ulmer; Editing by Frances Kerry)

Chikungunya virus - more typically found in Africa, Asia, Europe, and the Indian and Pacific Oceans, this mosquito-borne viral disease has been found in some Caribbean islands since 2013. Symptoms of Chikungunya can include high fever, rash, severe joint pain (arthralgia), and arthritis, and often last for about 7 to 10 days. Chikungunya can rarely lead to serious complications, including myocarditis and Guillain-Barré syndrome and joint symptoms can sometimes relapse or become persistent for months to years.

Dengue is probably the most common infection that you have never heard of. Up to 100 million people around the world are infected with dengue viruses each year, although it is rare in the continental United States. A mosquito-borne illness, infected people can develop symptoms of dengue fever (high fever, severe headache, muscle and joint pains, and a rash, etc.) or dengue hemorrhagic fever, a more severe, life-threatening disease. About 22,000 people die from dengue each year, mostly children.

Bridges 2014 Medical Mission Building & Making a Difference.

Project Dawn – Lilliendaal:***Deskan Institute & Training, Inc.***

Continue Education Training for Healthcare Professionals in Guyana: Effective Communication for Intensive Care Unit Trained Nurses:

BRIDGES 2014: Georgetown Hospital:

Patient Education & Outreach

A primary goal for BRIDGES 2014 is to educate patients and local healthcare providers in order to improve the existing quality of healthcare at that locale. **Each patient considered for surgery received individual consultation with the surgeons and anesthesiologists.** Each session allowed for review of disease pathophysiology, surgical options and preoperative studies. Following surgery, patients were seen by the surgical team to review postoperative care.

LINDEN PUBLIC HOSPITAL

BRIDGE-DESKAN took the lead in this One week Medical Outreach Deskan's mission 2014 addressed the following and provided prevention educational and wellness clinics for 4 days in many of these communities so as to increase awareness and impart knowledge in the area of hypertension, cholesterol, cervix cancer, tuberculosis and diabetes, and much, much more.

Continue Medical Education: Linden & Georgetown Public Hospital.

- The Continuing Medical Education for local physicians and nurses was held at Linden Hospital and at Georgetown Public Hospital Complex. Addressing high numbers of heart attacks and prostate cancer, trauma and mis-diagnosis .



AWARDS slides 2014



Receiving certificates of Appreciation: Left to Right: Medical Student Faqueeda Watson,

AWARD slides for Teachers:



Backyard visitors always welcome, Stone Mountain, GA

1ST ANNUAL TEACHERS' APPRECIATION DINNER, TIPPERARY HALL, BUXTON, EAST COAST DEMERARA

This Teachers' Appreciation Dinner evolved out of my interest to salute the Teachers in Buxton/Friendship.

The occasion, as you can see from the pictures, was a resounding success, even though we were not able to reach all teachers.

Of special note here is the fact that I received critical help and guidance from Teacher Collis Nicholson. He was

particularly intrigued with the idea, and therefore, took it upon himself to manage the Events' plans in Guyana. For this and

all that you do, Collis, I very much appreciate your continued commitment to Education.

Those who attended in the group of almost 150, were treated to an evening of fun, salutations from the Chief Education Officer,

Mr. Olatu Sam and Mr. _____, Vice Chancellor of the University of Guyana, and expressions of admiration from Village resident, Ms. Alero Blair.

One note of caution, though this first Event honored the Teachers of Company Road Primary School, it is our intention to extend

Invitations to Teachers in all the Schools in Buxton/Friendship for future events.

Another friendly reminder is that Teachers and other Educators from various other Institutions were also invited and were present.

Our Buxton Pride Steel Orchestra provided background music as Awards were presented by Mr. _____

of UG

and Dr. Kwame Makini who travelled with Team Deskan from the USA.

In addition to the Teachers' Awards, I am proud to also report that since 2011, I have been providing a Transportation and Snack Stipend to (8) Students from the Class of 2011,

from Company Road Primary School. This amount to date totals \$2,560 USD or \$512,000 GVD. All in aid of Education.





Teachers and other Educators who were honored at the 1st Annual Appreciation Dinner, July 25, 2014



Charles Liverpool presents Award to Head Teacher Gidel Austin / Marilyn Wills receives Award from UG



Proud Recipients: Tracy Abdullah and Marilyn Wills



Teacher Tricia Short displays her Award



CEO Olato Sam presents Award to Bonita Hope



Charles Liverpool presents Award to Collis Nicholson / Teachers and Volunteers are flanked by Charles Liverpool and Dr. Joan Liverpool



Dr. Kwami Mikini presents Awards to Ms. Neolia Austin



Buxton Pride Steel Orchestra provides stimulating music for the Evening's Activities.

DESKAN HANDING OVER DONATED MEDICATION TO ADMINISTRAT OF THE LION



MEDICATION DONATION: LIONS

HEALTH CLINIC

The Lions Club of Durban Park will be holding a General Health Clinic for members of the community.

Date: Sunday, October 19, 2014

Venue: East La Penitence Health Centre, Lot 1 Mayor and City Council Reserve, Vlissengen Road

Time: 11:00am to 2:00pm

Medical services will be provided by a number of Physicians; Eye Screenings and Dental services to be provided through the Rotary Club of Georgetown Central.

Please come and bring along any family member who may need medical attention.
Please also bring clean bottles for your medication

CLOSING CEREMONY 2014



Team Deskan Members relax at Pool side / Dr. Cindi Marks and Leona Kyte enjoy the moment



Volunteers join Leona in setting up Tables and Chairs / Team with Community Organizer Mark Benschop at Pool side, enjoying the fun.

SUMMARY of Deskan's 2014 Medical Mission to Guyana

How has the work of the organization impacted the lives of those living in Guyana (success stories)?

- a. Deskan Institute and Deskan Bridges have had much success in impacting the lives of the people of Guyana since before 2003, when we actively began visiting and caring for our fellow citizens. Our work has improved the health and well-being of thousands of residents in the areas listed above.
 - b. Our Team of specialists that consists mostly of medical practitioners, pediatricians, cardiologist, surgeon, neurologist, nurses, health educators, counselors, have provided countless hours of care and treatment for the people of Guyana whom we have served.
2. **What do you hope to accomplish through the organization?**
 - a. Deskan hopes to continue to promote health education, health care, medical awareness, Medical Conferences and Seminars which provide CME (Continuing Medical Education) and Continuing Education Units (CEU) Credits to Doctors, Nurses, Health Educators and Counselors.
 - b. Deskan also intends to collaborate with the Ministry of Health, the University of Guyana, the Georgetown Public Hospital and other NGO's to promote health education, awareness and prevention techniques in the critical areas of health and well-being.
 - c. Promotion of Education through the ages: Adult Literacy, Scholarships, School Supplies, After-school Lessons/Tutoring are also initiatives that are supported by our Mission.

COUNSELLING AND AWARENESS TO PREVENT TEENAGE PREGNANCY



Cont: Summary Points of 2014 Deskan Medical Mission to Guyana

Summary Statement of Mission Deskan 2014

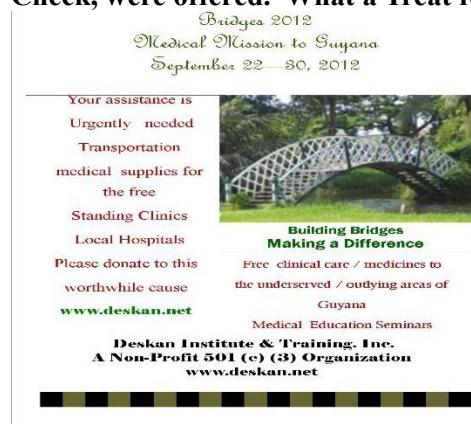
- This year the Deskan Medical Mission Team of 5 healthcare professionals from USA, England, Canada, Barbados, and Guyana treated over 1000 Guyanese patients.
- The mission assists Guyana's Ministry of Health to strengthen a decentralized primary health care program that faces serious economic, material and human resource shortages.
- Volunteers work directly with health centers in **Regions 4, 5 and 6** and other communities to help them identify local and national resources, facilitate community health assessments, design and implement health education projects, and train health center staff and community leaders.

BRIDGES DESKAN Mission 2014

Location of Linden

- **Linden** is the second largest town in G uya na after Ge o rge tow n, and capital of the Uppe r De me ra ra - Be rb ic e region.
- Located at 6°N 58. 3°W with an altitude of 48 meters (160 feet), the town has a population of roughly 60,000.
- Linden was declared a town in 1970.
- It includes the communities of McKenzie and Wismar.

A total of 300 patients received Cardiovascular Check-Up, EKG, ECKO Check, Cholesterol Monitor Check, were offered. What a Treat for this year mission for the people of Guyana!



Cardiovascular Disease/ Cardiovascular Check-Up held at Project Dawn

According to Dr. D. Wallerson, a visiting Cardiology and Internal Medicine Physician to Guyana, S.A., “Heart attacks and stroke are particularly tragic as they often strike down the victim in their productive years of life, removing the breadwinner from families.” When non-fatal they often result in severe disability and consequent impoverishment for entire families. The total direct and indirect costs of death and disability from heart disease and stroke are more than 1 billion per annum. A report released this month, entitled ‘Heart Disease in Guyana, South America’, based on research carried out on heart disease in Guyana , revealed shocking statistics requiring urgent intervention.

“Up to 80% of heart disease and stroke could be prevented by setting up healthy habits for life with a good diet, exercise and avoiding smoking.” Dr. Donald Wallerson, Visiting Cardiologist to Guyana. During our mission journey Dr. Wallerson treated more than 100 patients. “I will be back next year”, he reiterated.

Trauma Surgery in Guyana: Linden & Georgetown Public Hospital

While the surgical team had scheduled several general surgery and urology procedures for the week, there was one unexpected procedure that was performed on the first operating day in Linden

Hospital and Georgetown Public Hospital. An 18-year-old boy had been struck by his horse. With a low blood pressure, abdominal pain and imaging showing evidence of active bleeding, he was taken emergently to the operating room with the Guyanese general surgery team. He was found to have a ruptured spleen that was bleeding uncontrollably. Dr. Vaziri and the DI team were called in to help control the bleeding. The DI team and Guyanese doctors worked together until the bleeding was controlled and spleen was safely removed.

Clinic Chief’s Record of Patients’ Ailments

Elderly, Adults and Young Adults

- 800 elderly patients ranging from ages 63-75 complained of Stroke, Heart Disease, Back Pain, Dematis, Dental Caries, Asthma and Diabetes.
- 110 adults from ages 51-59 complained of Diabetes and Vision problems, such as loss of vision in one eye, reading problems, inability to afford reading glasses, sugar problems, etc.
- 66 young adults to adults, aged 18-50 years, complained of Hypertension, Prostate Cancer, Cervical cancer, suicide, Fibroids, UTI/STI, Kidney problem, Liver Failure, COPD and Hemorrhoids.

Deskan forged new partnerships with other missionary organizations

- **Medical Experience**
 - As a fourth year medical students, this trip was an out-of-body experience. Meeting my people at that level was a blessing from God. The learning experience was beyond what words can explain. We met people with diverse complaints: from a simple cough, diabetes, hypertension, allergies to STIs and the most remarkable to me polio (a lady who suffered with polio since a child) and it brought pain to my heart knowing that there was nothing I can do as a future doctor. (PD)
 - I am overwhelmed to report that when a patient's sight was restored or improved by one of the glasses we distributed; the joy and contentment that it brought to them made each moment we volunteered much more worthwhile. Generally, with the resources available to us, we could not have done a better job. But truly, it's quite sad to know that we could not have been of more assistance to the people of
 - The experience was one of a life time and it has left me with a burning desire, to do more, give more and strive to be best I can be in my future endeavors.
- Ms.

Friendship & Communication:

I have Learned the importance of Communication

What we saw

Chief Complaints

Elderly, Adults

and Young

Adults

- **A total of 800 Elderly patient ranging from Age 63-75 with complaints of Stroke, Heart Disease, Asthma and Diabetes, and Vision problem, such as loss of vision in one eye, reading problems, can not afford to buy reading glasses, sugar problem ,etc**
-
- **A total 116 of Young adults to adults age 18-50 years with complaints of, Hypertension, Prostate Cancer, Cervical cancer, suicide, Fibroids, UTI/STI, Kidney problem, Polio and Clubfoot. SEVERAL CASES of CHICKENGUNA**

What we saw:**Chief Complaints: ADULTS & Pediatrics**

Chief Complaint (Most frequent)	(Other)
1) Heart Murmmur, Tachycardia, Congenital Heart Disease Scabies/Impetigo, HERNIA<	Allergic conjunctivitis, EYE Disease, THIRD DEGREE BURN, AMPUTATION,
2) Worms, RINGWORM	Varicella
4) Reproductive health (female), DENTAL CARIES, HIV, APPENDIATIATICS, CANCER,	Asthma
5) Occupational back pain, GEARD OBESITY, STOMACK PAIN,	Foot deformity with pain
6) Decreased appetite, ACID REFUX	Systemic Lupus Erythematos
7) Fever	Dehydration (mild)
8) Upper Respiratory Infection	Pharyngitis
9)Sinusitis	Developmental Hip Dysplasia
10) Strabismus	History of kerosene ingestion Otitis externa Well Newborn

**69 Pediatrics: Patients
14 days old to 22 years old**

Age groups	Number served
Infancy (0 - 11months)	9
Early Childhood (1 – 4 yrs)	7
Middle Childhood (5 – 10 yrs)	16
Adolescence (11- 21 yrs)	15
Young Adult (> 21 -25 yrs)	22

July 31, 2014.



“Iguana Man” Charles, not exactly: In Parika / Resplendent Water Lillies flourish in streams

Many Thanks to all of whom that made this year’s mission a success!!!

Thanks to our sponsorship and shared collaboration of members in partnerships with Guyana Medical Relief, Inc, Los Angeles, CA; The University of Guyana School of Social Work. The University of Guyana Medical School, Texial Medical School , The Guyana Cultural Association of Brooklyn, NY, The Ministry of Health Guyana, Freedom Life Ministries, Direct Relief, Global Christian Network Ministries, NY, and supporters from Atlanta, New York, New Jersey, Washington, and Guyana, 2014. Special Thanks to Volunteer Youth Corps for its collaborative efforts in this mission. Without the many volunteers, such as Leona, Stacy, Nicolette, Alex, Denese, Dr. Cindi Marks, and nurses who did follow-up Clinic in Berbice and all others. This Mission would not have been accomplished without your hard work and commitment to serve others. Much Thanks to You Deskan’s Guyana volunteers: Dillion and (Teachers of Company Road Primary School, Collis Nicholson and Tricia Short and 2014 Honorees who were responsible for decorations and set-up).

Patient Survey Satisfaction were collected.

- Why did you choose to come to this clinic today instead of going to the local health center?
- How far did you travel to get to clinic today?
- What mode of transportation did you use to get here?
- Were you happy with the service/treatment that you received?
- How long did you have to wait before you saw the doctor?
- Did you think that was too long to wait?

.....
would you have liked us to help you with?

□ 2014-15 PALAS TOP PERFORMERS STORY (3 of 5)...JULENE M. BARRETT of Kingston, Jamaica : Medical Student at University of Technology, GUYANA with 4.0/4.0 ("A") average in medical school. Holds a Bachelor's Degree in Pharmacology with 1st Class Honors. Conferred with the University of Guyana Award & Guild of Graduates Award ...she has 18 CXC/CAPE passes with 10 distinctions

- Would you like to talk to a health educator or counselor before you leave today?
- Have you ever received health education or counseling?
- Do you have any suggestions for how we can make this a better experience for you?
- If doctor refers you to the hospital for testing or follow up, do you intend to do it? Would it be easy for you to do?

VOLUNTEER PROFILE
Anna Forbes & Arletha Roberts



