

Report on Nigerian Telemedicine Project

Training Team Visit to California, August 22 to September 2, 2015

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Article from the September 15, 2015 Gazette

Submitted by Rotary Club of Sebastopol Sunrise

Report on Nigerian Telemedicine VTT Visit

Global Grant 1417638

The Nigerian Telemedicine Training Team project was approved in April 2015 and the training visit took place August 22 to September 2, 2015 in Sebastopol, Willits, Clearlake and San Francisco.

Princess Dr. Kemelagha, the Nigerian team leader, arrived three days ahead of the rest of the team to help prepare for the training. Dr. Gude, Jeff Dunbar and Mikel Cook went over the plans together with her. On Saturday, August 22 the team arrived at the San Francisco International Airport. They were greeted by Dr. Gude, Mikel Cook the leaders of the team that would conduct the training, and by Princess Kemelagha. The team was taken to Sebastopol to a welcome dinner at the French Garden, an excellent local restaurant.



1 Princess Dr. Kemelagha, Dr. Gude and Mikel Cook leaving for SFO



2 Tired travelers well met at the airport. From the left, Dr. Gude, Dennis Allagoa, Medical Director, Dr. Finomo, Telemedicine Coordinator, Princess Kemelagha, Sherif Hussein, Rtn Project Manager, Adeolu Tella, IT Manager, Dr. Obikeze, Public Health

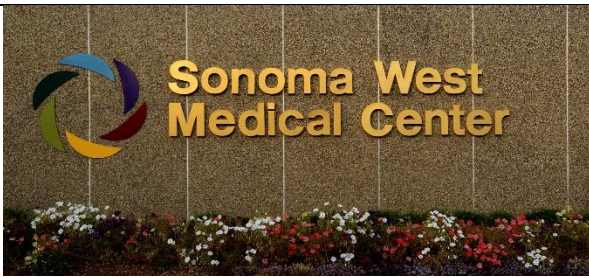


3 Team arriving at the Fairfield Inn in Sebastopol, CA



4 Welcome dinner at the French Garden

After a day of being shown around Sebastopol in the morning, the team was greeted at a public reception held at Sonoma West Medical Center, the training site which is a hospital in Sebastopol. About a hundred local officials and hospital supporters attended and a story about the event was published in the Gazette, a Sonoma County newspaper.



5 Sonoma West Medical Center is the facility that hosted the training



6 The Team Leader addressing reception at Sonoma West Medical Center (SWMC)



7 Reception in garden at SWMC honoring the newly arrived Nigerian Telemedicine Team



8 Dan Smith, Community leader, provides guided tour of facility for the team.

Three days of varied training sessions were presented beginning Monday. A roster of doctors who use telemedicine presented how telemedicine applies to their respective specialties. There was a technical expert from InTouch Health who provided four hands-on sessions on using a telemedicine robot.

(InTouch is donating a telemedicine robot to the project location in Nigeria.)



9 Team arriving for training at SWMC



10 Day 1 of training with Jeff Dunbar

We also provided people who have direct experience with projects in Haiti and Africa to share their experience with how they made it work in their locations and what challenges they face going forward.



11 Dr. Gude gave an overview and introduced each specialist

12 Dr. Freedman presented from New Jersey via robot



13 Dr. Bretan described how telemedicine benefits his urology practice



14 Hands on training on how to control robot in another location

14 Hands on training on how to control robot in another location

15 Jon Putman (in red shirt) presents perspective based on his 10 years' experience with providing telemedicine system



Field Trips to Telemedicine Facilities

The team visited two hospitals that use telemedicine to expand their capabilities. One of the hospitals is the new Howard Memorial Hospital in Willits and the other is the St. Helena Hospital in Clearlake. The CEO and Rotarian Rick Bockmann greeted the team and provided a tour of the facilities at the newly built Howard Memorial Hospital, in Willits on Thursday, Aug 27, 2015.



16 Team arrives at Howard Memorial Hospital in Willits in the company of the CEO



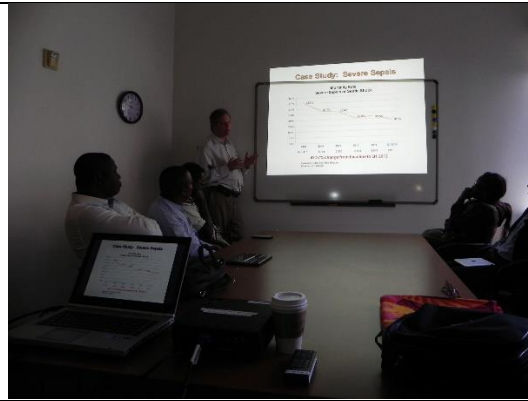
The team visited the St. Helena Hospital in Clearlake, CA the next day.



There was a break in the training for the weekend to have time for enrichment activities such as sightseeing, shopping in Santa Rosa and San Francisco, and a cultural visit to the Disney Museum.

On Monday, training resumed with a visit to the Sutter eICU in San Francisco. That is a central facility that lets critical care professionals monitor patients in the intensive care units (ICU) of over 14 hospitals in Northern California. That visit crowned the tour of telemedicine facilities and was an inspiring look at the potential for telemedicine. Photos below:





Graduation on Sep 1, 2015

On Tuesday, the final day of training, we had Dr. Bikangaga talk about how he sees telemedicine expanding in Uganda and Cathy McCarty spoke about how her hospital in Zimbabwe uses telemedicine and the challenges involved. We presented each team member with a certificate, designated the team leader a telemedicine ambassador for Nigeria and Africa, and declared the hospital in Yenagoa, Nigeria prepared to become a center of telemedicine excellence in Nigeria.

On Wednesday morning the newly certified team presented international grand rounds, exercising their skills.



17 Participants with their certificates



18 Newly designated Telemedicine Ambassador



19 Cake celebrating graduation



20 Graduates in crimson uniform

Rotaract Support for Nigerian Telemedicine (Global Grant 1417631)

There were several ways Rotaract was involved during the Nigerian Telemedicine team visit in August 2015.

Here are several ways Rotaract contributed to the success of the visit:

- SSU Rotaract Past President Keith Riley who is a professional tour guide secured the van for the Nigerian Telemedicine Training Team and drove the van as a volunteer to the airport to greet the team and bring them to the welcome dinner at the French Garden restaurant



- Current SSU Rotaract President and Vice President attended Tuesday evening fellowship meeting with the team at Santa Rosa Evening and both were the program
- Four SSU Rotaractors helped conduct the Sonoma County Association of Rotary Clubs meeting on August 27, where the subject was the meaning of vocational training.



- Five youth exchange students along with the Nigerian VTT attended dinner meeting for final dinner, making eight countries together represented through Rotary: Nigeria, Congo, Brazil, Switzerland, Germany, Spain, Taiwan and Nepal
- Final gift: SSU Rotaract found and donated a new wheel chair for the VTT Team Leader to take back to her nephew in Nigeria
- Rotaract President and President Elect speak at clubs and raise \$1,000 for telemedicine

List of Sponsoring Organizations

The organizations listed here sponsored the Nigerian Telemedicine Training August 22 – September 3, 2015. Thank you to the following for their support!

- The Rotary Foundation
- Rotary District 5130
- Global OffSite Care
- OffSiteCare and Offsite Care Resources
- Heberden Telemedicine Foundation
- Sonoma West Medical Center
- Sonoma West Medical Foundation
- E-Health Records International
- InTouch Health
- The Rotaract Club at Sonoma State University
- Rotary Club of Eleuthera
- The following Rotary clubs in District 5130:
 - Valley of the Moon
 - Sebastopol
 - Sebastopol Sunrise
 - Santa Rosa Evening
 - Santa Rosa West
 - Santa Rosa Sunrise
 - Santa Rosa East
 - Santa Rosa
 - Rancho Cotati
 - Del Norte Sunrise

List of Presenters at Nigerian Telemedicine Team Training

Name	Area of Expertise	Topic Presented
Rick Bockman	Health Care Administration	Hospital CEO Tour of hospital in Willits
Princess Frances Kemelagha, MD	Health Care Professional and Team Leader	Future of telemedicine in Nigeria
Peniel Kasongo, MD	Medical Doctor	Telemedicine in the Congo and history of the project there
Tom Shaughnessy, MD	Medical Doctor	eICU tour with history of impact
David Tong, MD	Medical Doctor	Stroke protocol
Raymond Hino	Health Care Administration	Hospital CEO welcome and congratulations at end
Ann Dannelly	Technical professional	EMR software
Nick Smith	Technical professional	EMR software
Gail Thomas	Management professional	Welcome and overview of telemedicine as Rotary club sponsored activity
Mary Graves	Strategic Management	Wrap up presentation drawing out what was good and how we could make it be better
Jon Putman	Technical professional	Sharing background in providing telemedicine to a variety of US companies and in Haiti
Jeffrey Sugarman, MD, PhD	Medical Doctor	Dermatology presentation
Peter Bretan, MD	Medical Doctor	How a urologist uses telemedicine
Richard Lapin, MD	Medical Doctor	Hospitalist Services via telemedicine
Josef Chemtob, MD	Medical Doctor	Hospitalist Services via telemedicine
Andrew Freedman, MD	Medical Doctor	Intensivist
Allan Bernstein, MD	Medical Doctor	Neurology and telemedicine
Kelsey Cleary	Technical professional	How to use an InTouch robot
David Murphy, PhD	Health Care Professional	Psychology and telemedicine
Arthur Bikangaga, MD	Medical Doctor	Prospects for telemedicine in Uganda
Kathy McCarty, RN	Health Care Administration	Hospital Administrator view of how telemedicine has been working in Zimbabwe
Dianne Smith, PhD	Anthropologist	Human and cultural interaction as it impacts the project
Mikel Cook, MBA	Management professional	Group process on closure
James K. Gude, MD	Medical Doctor	Telemedicine feasibility and protocols/best practice
Jeffrey Dunbar	Health Care Administration	Telemedicine administration and sustainability

Host Rotarian Participation

Several receptions were held that provided opportunities for fellowship for the team and local Rotarians:

Saturday Welcome dinner with host Rotarians, hospital CEO and some non-Rotarians

Sunday - public reception with local press and members of the community

Tuesday - attended Santa Rosa Evening club meeting

Wednesday – Attended Sebastopol Sunrise meeting

Thursday - Dinner at Sonoma County Association of Rotary Clubs meeting hosted by Rancho Cotati club

Friday - Gail Thomas hosted the team for dinner

Saturday - BBQ at Jeff Dunbar's home in Santa Rosa

Sunday - Dinner in San Francisco after sightseeing

Monday - Reception hosted by Rohnert Park Cotati club at member's place of business

Tuesday - Dinner reception for team and exchange students at Mary Graves' home in Santa Rosa

Jeff Dunbar, Mikel Cook, Mary Graves and Gail Thomas all participated directly in presenting part of the training. All except Mary are members of the host club.

Jeff Dunbar and President Mikel Cook drove the van each day and for the field trips, the sightseeing and cultural enrichment trips

Mary Graves organized Rotarians who speak French to help entertain the people from the Congo whose primary language is French. That is in addition to hosting a reception on the final day of the training.

A Medical and Rotarian Collaboration Telemedicine for Nigerian Hospital

By Jane Rogan

On Sunday evening, August 23, in the Rose Garden at Sonoma West Medical Center, the ripple of human emotion at witnessing a dream come true could be felt even as the ocean breezes rustled the trees. After an introduction by **Raymond Hino**, CEO of Sonoma West Medical Center, each of the six members of the Telemedicine training team from Yenagoa, Nigeria told the reception how critical this technology is to saving lives in their country.

The **Princess Frances Kemelagha, MD**, who has been central to the mission and worked diligently for several years to make this happen, told the group of supporters she is pinching herself now that she and her team from the **Federal Medical Center** in Yenagoa have arrived to begin the training.

"This technology goes two ways," stated **Dr. James Gude, Medical Director** at SWMC, teacher and leader in the Telemedicine movement. "We are here to provide medical diagnoses and recommendations to Nigeria; and Nigeria will be trained to respond to us as well. If I get a case of Malaria in Sebastopol, I will know where to go for assistance." Dr. Gude will teach the group how to set up grand rounds training sessions using video conferencing tools, so they – in turn – will be able to train others.

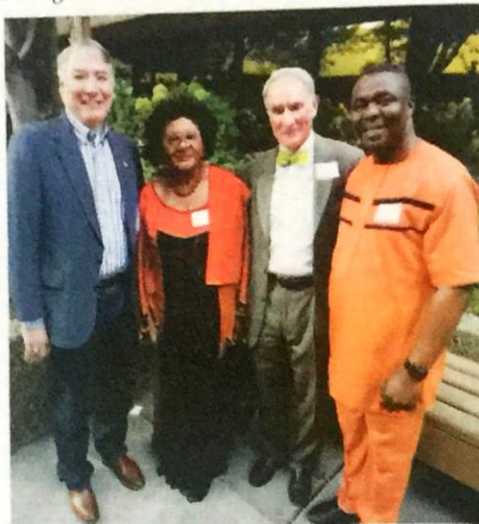
Mikel Cook, President of the Sebastopol Sunrise Rotary, as well as President of **Global Off-site Care** – central to the effort – told the group the Rotary international grant that brought the Nigerian team to Sebastopol was the biggest international grant ever to have been awarded to his club. "Talk is cheap," Cook reminded us. "It is the collaboration and hard work of these dedicated people that made this a reality."

The SWMC Foundation, led by Gail Thomas, also a Rotarian, worked with all stakeholders to arrange the training trip. "For the life-saving benefits of telemedicine, this trip emphasizes the deep connections between Sonoma West Medical Center and the world. Imagine, right

here in Sebastopol." Among those attending were SWMC Foundation donors, there to hear about this area of specialty and meet the participants.

The Nigerian telemedicine team consists of **Princess Frances Kemelagha, MD; Dr. Finomo Finomo, Dr. Dennis Allagoa, Dr. Obioma Obikeze, Suleiman Hussain and Adeolu Tella**. They have begun their intensive 8-day course, which features hands-on training with the RP-7 robot and other technological tools utilizing tablets and Wi-Fi network.

At Sonoma West Medical Center, every Wednesday morning at 8:00 am, Dr. Gude conducts grand rounds sessions from the telemedicine hub in Sebastopol.



l to r: Raymond Hino, Princess Frances Kemelagha, MD, Dr. James Gude, Dr. Dennis Allagoa



Jane Rogan is on staff at the Sonoma West Medical Center



A Few Reasons Why Sonoma West Medical Center Will Succeed:

The final State Health Department surveys are being passed. There is one more to go. Sonoma West Medical Center staff are poised, waiting impatiently to start taking care of patients. The community is waiting impatiently for the doors to open. It has been a long, difficult journey. Perhaps by the time you read this the doors will be open. That is our most sincere hope. And then what, you ask? Will you stay open, SWMC? How do we know that?

Here are some answers to those questions:

THE NEW SONOMA WEST MEDICAL CENTER MODEL

Top Tier Specialty Institutes	Medical & Surgical Institutes will deliver sought after services by renowned physicians and surgeons, and draw patients from Northern California and beyond
Out-Patient Services	In depth out-patient services, including Cardio Pulmonary, O/P Therapy, Telemedicine-delivered specialty services
Radiology	Advanced technology diagnostics and specialists providing increased patient flow from Sonoma County and referrals from Medical & Surgical Institutes
Lab	Greater number of labs can be analyzed in-house for shorter wait times on results due to new equipment
Surgical	Specialty services added through Medical & Surgical Institutes and Emergency Room
Emergency Room	"No wait ER," experience – less than 15 minutes from door to doctor - will provide a high rate of patient satisfaction, and attract patients from nearby places with longer waits and bed shortages
Patient-Centered Approach	West Sonoma County is known for its support of compassionate solutions to problems. This is what we must have in our healthcare
Strong Fiscal Management	SWMC's strong fiscal management and oversight will make it well-equipped for survival
Heal Local	"Heal Local" is a winning recipe that will attract loyal patients and philanthropic support

707-823-8511

501 Petaluma Avenue, Sebastopol, CA 95472

sonomawesthealth.org