Global Oral Health Symposium

NDA/SNDA Model to Promote Oral Health in Haïti

NDA Annual Convention
NDA Global Oral Health Outreach Committee

July 21st, 2017
Dallas, TX
Haïti
January 12th, 2010 Haiti Earthquake
- About 300,000 Haitian died
- More than half of Port-au-Prince’s schools, governments and administrative buildings damaged or destroyed
- Ministry of Health and Population infrastructure damaged
- Response from nations around the globe
Effect of Earthquake on Dentistry in Haiti

- Before 2010 earthquake: 350 dentists in Haiti
- Post Earthquake
  - 2 dentists died
  - 35 dentists lost their practice
  - Approx. 10 dentists left the country after the earthquake

Today Haiti has about 300 dentists to serve a population of approximately 10 million people!
Program Development

- Needs Assessment
- Engaging Stakeholders
- Building Capacity
- Listening
Program Development

Working with local dental institution

- Faculté d’Odontologie d’Haïti, Haitian State University, Port-au-Prince, Haiti

- Needs
  - Faculty Development
  - Student Opportunities
UH School of Dentistry- NDA Collaboration

- Develop NDA Speaker’s Bureau to offer seminars
- Faculty-Student Exchange Program
- Develop curricula in the areas of Dental Public Health and Disaster Preparedness
Characteristics of Global Service-Learning

- Students engage in
  - community service activities
  - intentional academic and learning goals
  - opportunities for reflection

- Enhances students’ classroom learning
- Helps to develop active citizens in communities
Foster intercultural understanding and respect
Develop civic engagement, social and cultural awareness
Develop the knowledge and skills needed in treating underserved pops.
Develop professionalism and ethics
Communicate effectively with diverse populations
Provide needed services as identified by in-country partners
Provide opportunities for student and faculty personal and professional development
Tufts Global Service-learning Curriculum

- GSL Modules
- Country Presentation
- Risk mitigation plan

Not charity, but solidarity – main focus is the community in Haiti

Component of our outreach included debriefing sessions where students could express their impression of the day
Global Service-learning trip to Haiti

- Develop a collaborative relationship between the National Dental Association, Tufts University School of Dental Medicine and the University of Haiti School of Dentistry
- Assess the dental needs in Leogane, Haiti
- Begin the process of developing a sustainable oral health prevention program for children in Leogane
- Establish a training program in oral health prevention for nurses in Haiti
Planning

- Transportation
- Lodging
- Supplies
- Food
- Support
- Emergency Mitigation Plan
Oral Health Promotion in Haiti

Oral Health Education

Prevention

Interprofessional Collaboration

Treatment

Oral Health Promotion

Improve Oral Health in Haiti
Collaboration

National Dental Association/Student National Dental Association

Saint Rock Haiti Foundation

University of Haiti School of Dentistry

Tufts University School of Dental Medicine

Rasin Foundation
Outreach Team

- 6 dentists (National Dental Association and other dental colleagues)
  - Dr. Brian Swann, Chair of the NDA Global Oral Health Outreach Committee, Harvard School of Dental Medicine Faculty
  - Dr. Nicholas Gordon, Faculty Site Director for the Tufts University School of Dental Medicine SNDA Global Service Learning trip to Haiti
  - Dr. Barbara Martin, Member of the NDA Global Oral Health Outreach Committee
  - Dr. Israel Adeloye, Member of the NDA Global Oral Health Outreach Committee
  - Dr. Stephie Castera, Pediatric Dental Resident at the Miami Children’s Health System/Nicklaus Children’s Hospital
  - Dr. Jean Innocent, Haitian dental colleague
Outreach Team cont.

5 dental students from Tufts University School of Dental Medicine Student National Dental Association (SNDA)

- Zamone Sawyer, 2nd year dental student at Tufts University and student leader for the SNDA Global Service-learning trip to Haiti
- Tabitha Lewis, 2nd year dental student at Tufts University
- Jessaca York, 2nd year dental student at Tufts University
- Stanley Ojukwu, 2nd year dental student at Tufts University
- Matthew Downes, 1st year dental student at Tufts University
Dental students from Haiti and the US worked together

- Oral Health Education
- Oral Health Screening Exams
- Dental Prophylaxis procedures
- Fluoride Varnish applications’
- Sealants
- Atraumatic Restorative Treatment
- Extractions
Outcomes Cont.

- Oral health education and training to nurses and community health workers
- Donation of dental supplies to the University of Haiti School of Dentistry, Rasin Foundation, and St. Rock Haiti Foundation
University of Haiti School of Dentistry
Port-au-Prince Haiti

NDA/SNDA Delegation at the University of Haiti School of Dentistry

Dr. Brian Swann (NDA) presenting to faculty at students at the University of Haiti School of Dentistry
Saint Rock Haiti Foundation
Route de Saint Rock, Diquini 63, Haiti

NDA/SNDA Delegation at the Saint Rock Haiti Foundation

NDA/SNDA Delegation speaking with community workers about preventing dental diseases
Saint Rock Haiti Foundation
Route de Saint Rock, Diquini 63, Haiti

Pediatric dental resident from Miami Children’s Health System, Dr. Stephie Castera providing oral health education to community workers
Saint Rock Haiti Foundation
Route de Saint Rock, Diquini 63, Haiti

Donations from Henry Schein Cares presented to Saint Rock Haiti Foundation Staff

Toothbrushes and Fluoride Varnish Donations from Henry Schein Cares presented to Saint Rock Haiti Foundation
Tufts dental student, Matthew Downes working with a University of Haiti dental student in providing oral health education to a patient
Rasin Foundation
Leogane, Haiti

Tufts dental student, Jessaca York conducting a dental screening exam for a patient

Tufts dental student, Tabitha Lewis and University of Haiti dental student conducting a dental screening exam for a patient
Tufts dental student, Zamone Sawyer conducting a dental screening exam for a patient

University of Haiti dental student conducting a screening exam for a patient
Tufts dental student, Tabitha Lewis providing dental prophylaxis treatment for a patient

University of Haiti dental students providing dental treatment under the supervision of Dr. Brian Swann
Tufts dental student Stanley Ojukwu working with a dental student from the University of Haiti in conducting a dental screening exam

Dr. Israel Adeloye instructing Tufts dental student, Jessaca York during a dental screening exam
Rasin Foundation
Leogane, Haiti

Dr. Nicholas Gordon placing dental sealants for a patient

A local health professional observing Tufts dental student, Jessaca York as she conducts a dental screening exam
Rasin Foundation
Leogane, Haiti

Dr. Brian Swann presenting to nurses about the importance of maintaining good oral health

Dr. Barbara Martin and dental students training nurses on how to prevent dental disease
Rasin Foundation
Leogane, Haiti

Dr. Brian Swann presenting to nurses about the importance of maintaining good oral health
Rasin Foundation
Leogane, Haiti

Dr. Jean Innocent training nurses to detect dental disease

Small group training of nurses lead by Dr. Nadine Robert, faculty of the University of Haiti School of Dentistry
Dr. Israel Adeloye along with dental students discussing oral health prevention with nurses in a small group
Rasin Foundation
Leogane, Haiti

Tufts dental student, Tabitha and Dr. Gordon with area nurses

Tufts dental students, Zamone and Jessaca with area nurses
Rasin Foundation
Leogane, Haiti

From Left: Pele (Rasin Foundation Health Center Manager), Dr. Swann, Dr. Innocent, Dr. Bastien Emmanuel (Dentist at the Rasin Foundation), Dr. Gordon

Donations from Henry Schein Cares presented to the Rasin Foundation
Dental students and faculty from Tufts University and the University of Haiti, nurses, and Rasin Foundation staff
Characteristics of a successful Global Service-learning experience in Haiti:

- Groundwork laid during previous trips
- Worked with the local dental institutions
- Listened to the needs there
- Framed our approach in the context of Haiti

Generous Donation from Henry Schein Cares Foundation!
This presentation is dedicated to Mr. Jim Kitch, an integral member of our committee who helped lay the foundation of our work and efforts in Haiti.
Thank You