

Students Of Granada

NYU DENTISTRY

2017 REPORT

Free Community Dental Clinic

Casa de Los Tres Mundos
Granada, Nicaragua

September 25 – Oct. 1, 2017

206 Adult Patients
453 Procedures

145 Pediatric Patients
553 Procedures

32 Providers
3 Interpreters
3 Sterilization Staff



2017 marks the 10th year that NYU College of Dentistry has conducted outreach in Nicaragua. 350 adults and children received free treatment while nearly 2,000 public-school students participated in the 1st year of a 3-year preventative school-based pilot program.

The NYU Dentistry/Henry Schein Cares Global Student Outreach Program was created to address public health and access-to-care issues in oral health. The mission of the program is three-fold:

- To achieve sustainable improvements in oral health through prevention, education, and treatment.
- To determine the impact of the programs on the oral health of communities served in order to identify best practices and scale effective programs.
- To enrich NYU students' education through experiential learning.

NYU Dentistry has a long history of outreach in Nicaragua – including former outreach clinics in Bluefields, and Chiquilistagua. In 2017, NYU Dentistry partnered with the NGO Students of Granada to implement both the clinic for a 4th year in Granada as

well as a classroom-based 3-year preventative program in 4 public schools.

There is a large unmet need for dental care in Nicaragua due to a variety of issues including affordability and lack of providers in some areas. People often do not seek care until they experience pain, when it is often too late to save the tooth. In addition, preventative care for children, such as cleanings, fluoride application, and sealants is rare, highlighting the importance and need for sustainable preventative programs targeting children.

We experienced long lines at the clinic – and had to turn many people away because our dental stations were fully committed. The baseline exams conducted for the in-school pilot

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EIN 46-2060364



Adult (left) and Pediatric (right) treatment areas in Casa de Los Tres Mundos.

program showed an average of 4.8% had caries - with more than 53% of 6-year old children having the highest number of untreated surfaces (5-35).

Clinic Location and Time: The dental clinic was opened at 11 am on Monday, September 25th and operated from 8 am to 5 pm everyday except Thursday (Sept. 25, 26, 27, 29, 30, Oct. 1). Dieter Stadler from La Casa de Los Tres Mundos generously donated use of the space – which easily accommodated the clinical activity.

Building Awareness: Prior to the clinic opening, Students of Granada distributed brochures at schools, churches, local medical clinics, other nonprofit agencies and contacted local media (radio, TV, and newspapers) to generate awareness of the program. Students participating in the preventative program at Carlos Bravo, Padre Misieri, Margarita Urbina, and De Zandberg were also referred when treatment was needed.

Adults were treated on a first-come, first served basis after a dental screening and a medical history were taken. Cleanings were not offered as a regular treatment because the

services were intended for more acute emergency treatments.

Patients requiring extensive treatment were given priority on subsequent days. All patients received a dental kit containing a toothbrush and toothpaste before leaving.

The Pediatric Clinic was situated in a separate air-conditioned room next to the general waiting area. Parents helped with dental screening, medical history and permission forms. All children received a topical fluoride application and a dental kit.



ADULT PROCEDURES

Patients	206
Restorations	242
Endodontics (Root Canal)	37
Extractions	174
Cleanings	3

PEDIATRIC PROCEDURES

Patients	145
Restorations	377
Endodontics (Root Canal)	7
Extractions	169
Silver Diamine	350

Dental Student Education and Community Experience is an important component of the Global Outreach Program. NYU students were required to participate in two extensive training sessions prior to arriving in Nicaragua and also to participate in community-based experiences.

Geovanni Alvarado, clinic interpreter, staying calm...



NYU Dentistry in front of La Casa de Los Tres Mundos in Granada, Nicaragua

- **Parent Meeting:** Students attended the parents' meeting at Escuela Margarita Urbina where the preventative program was reviewed. NYU Students were also treated to a folkloric dance performance by younger students.

- **La Esperanza:** Students visited the Granada office and after-school facility of this non-profit that provides after-school programming and child care.

- **Soy Nica:** Students learned about how this small leather goods workshop supports healthcare, financial, education, and training needs of their employees.

- **La Mariposa:** Students met with a teacher and director of a for-profit Spanish school that allocates profits towards meeting community needs—particularly physically and mentally disabled

clients. Several clients were treated at the clinic with the support of previous medical and dental diagnostics.

- **Clinic Focus Group:** Discussion about access to health and dental care and how communities are dealing with domestic violence. Participants included the director of Axyacatl, a domestic violence center, a local medical students, and 2 clients of the center.



TOTAL COST OF SCHOOL AND CLINIC PROGRAMS

NYU College of Dentistry and Students of Granada

Airfare & Baggage	\$29,629
Ground Transportation	\$ 4,408
Accommodations, Meals, and Entertainment	\$15,093
Supplies	\$23,353
Local Personnel	\$1,911
Donations of Space, Toothbrushes, Toothpaste, Water*	\$ 3,376
TOTAL	\$ 77,780
Value of Dental Clinic Used at Clinic & Exams	\$150,620

Special Thanks: Luis Mendoza, MINREX; Maria De Los Angeles, MINSA, Lic. Nora Orozco Chamorro, SILAIS, Granada; Valeria Mendieta, MINED; Dieter Stedler, Casa de Los Tres Mundos; Mario Mendoza, Colgate Nicaragua; Erick Orozco, Fuente Pura; Radio Volcán, Canal 2, Café de Las Artes, Hotel Pérgola, Guillermo Suescum and Melanie Hughes, Soy Nica, La Mariposa, La Esperanza, Axyact!, Expresionista, El Garaje, Pita Pita, Café de Los Sueños, El Zanján, El Córrale, Favio Travel, Julia Marin.

SCHOOL-BASED PREVENTATIVE PROGRAM

School Leaders: Directora Milena Zeledón, Asst. Director Javier Mendoza, Carlos Bravo; Directora Yeny Ortega, de Zandberg; Directora Milena Ruiz, Asst. Directora Kathleen Estrada, Margarita Urbina; Directora DeLuis Martínez Corrales, Asst. Director Donal García, Padre Misieri

NYU: Rachel Hill, Directora de Iniciativas Internacionales, Christopher Tung, Profesor Jill Fernandez, Dra. My Tran, Dra. Tamarinda Barry Figueroa, Kristin Memoli, Pam Graboso, Marissa Ruggiero

Students of Granada: Kathleen Davis, Héctor Pérez, Tom Pena, Rene David, Jamal Stockton, Jennifer Rafferty, Ismael Gutiérrez

Interpreters: Johnny de La Vega, Mildred Mendoza

CLINICAL PROGRAM

NYU Dentistry: Dr. Stuart Hirsch, Kristen Miller, Asistente Directora de Iniciativas Internacionales, Jenny Park, Marissa Swanson, Dr. Yakir Arteaga, Dr. Angela De Bartolo, Dr. Andrew Schenkel, Dr. Sam Bae, Dr. Simronjeet Basati, Dra. Aura Caldera, Dra. Blair Chizner, Dra. Allyson Won, Dra. Nassim Kohly, Dra. Claudia Maragno, Dr. Robert Perrachia, Estudiantes de Odontología: Amelia Albright, Andis Almasi, Justin Shyu, Lakshay Goyal, Christina Cheung, Sana Nasir, Stacey Hoffman, Katerina Mlejnkova, Jordan Lieberman, Jason Tu, Youssef Ali, Kathryn Rothas, Anna Wong, Bianca Lopez-Isa, Clement Kairouz, Adrian Rudiak, Indhira Melo

Students of Granada: Kathleen Davis, Héctor Pérez, Tom Pena, Rene David, Jamal Stockton, Jennifer Rafferty, Ismael Gutiérrez

Interpreters and Logistics: Geovanni Alvarado, Mildred Mendoza

Dental staff with children who received treatment in the pediatric area

