

REPORT OF GG1528609 CERVICAL CANCER PREVENTION FOR NICARAGUA

WHY THIS PROJECT: In 2014 when two Woodland, California physicians visited Nicaragua, they asked a question when they were in group settings. *"Do you know of a family member or close friend that has been affected by cervical cancer disease?"* These doctors observed that nearly every person they talked to indicated yes, often by telling of a premature death of a family member or friend. Based on the experience of the Oncologist on the team, he believes that within this generation that trend can begin to be reversed with proper examinations, early intervention, and education.

CLUB AND DISTRICT PARTNERS: This project is a Rotary Global Grant Vocational Training Team (VTT) project sponsored by the Rotary Club of Woodland, California, USA (International club) and the Rotary Club of Leon, Nicaragua (Host club). Providing financial support for the project are The Rotary Foundation and Rotary District 5160, along with the Rotary Clubs of Woodland, Woodland Sunrise, Woodland Luna Vista, Davis, Davis Sunrise, Davis Sunset, and Danville, all in District 5160 Northern California.

PARTNER ORGANIZATIONS: The non-Rotary partner (Cooperating Organization) for the project was Prevention International: No Cervical Cancer (PINCC).



PINCC

Preventing Cervical Cancer

Partner Organization Logo

PROJECT LOCATION(S): This project benefited residents in underserved communities in two regions of Nicaragua: The RAAS (southern Caribbean coastal communities of Tortuguero and Kukra Hill) and Leon District. Significant preparatory work occurred in Berkeley, California.



PROJECT DESCRIPTION: This *Cervical Cancer Prevention* project was designed to achieve three distinct outcomes; 1) to design the project in a way that provided an opportunity for women in underserved communities to be examined for lesions caused by the HPV Virus that can ultimately lead to cervical cancer and to be treated for those lesions; 2) to provide for the training and certification of local clinicians in those same communities to be able to perform the examinations and treatments as well as train other clinicians; 3) to provide the equipment necessary to conduct the examinations and treatments at five rural clinics.

This project was conducted during two trips to Nicaragua over a period of five weeks: three weeks in June 2015 and two weeks in January 2016. A total of 44 volunteers on this project provided 61 weeks of service. The 23 Rotary sponsored VTT members provided 36 of those weeks of service. The Rotary Club of Leon and PINCC representatives conducted support activities such as planning, evaluation, and equipment distribution before, during, and after the VTT visits.

Significant preparation by way of training team members and preparing equipment and supplies took place over several weeks in Berkeley California. Our cooperating organization PINCC provided all of the training and support needed to prepare for and complete the project.

SPECIAL CIRCUMSTANCES AND REQUIREMENTS OF THE PROJECT: In order to provide the reader a better understanding of this grant project report, those items that add clarification or answer specific grant requirements are in this section.

Contingencies required for grant closure:

- a) Receiving supporting documents for the use of the contingency fund (US\$6,000) - **Response** - the use of contingency funds are attributed to the return to TRF of unused funds in the amount of \$3,845.14 documented in Check 1051* and the remainder a portion of equipment purchases documented in Check WT1a*.
- b) Details on the use of the management expenses (US\$8,800) - **Response** - this expense is documented in Check 1025* \$5,280 and Check 1049* \$3,520. It is noteworthy that this amount exceeds the 10% allowed for project management based on the final project budget. In our original budget this expense was planned for 9% which was under the 10% cap. During the grant approval process our budget was reduced but because we were required to provide our fully executed agreement (Cooperating Organization MOU) before the grant was submitted we had already made the obligation. This resulted in the project management fee of 10.5% of the project budget.

Checks noted with an (*) can be found in the documents submitted.

PROJECT BENEFICIARIES:

Examination/Treatment	Clinic Weeks					Total
	Week 1	Week 2	Week 3	Week 4	Week 5	
	Tortuguero	Kukrahill	Leon	Leon	Tortuguero	
Patients Examined	142	197	167	251	168	925
Biopsy	4	4	3	28	6	45
PAP Smears	24	38	7	25	168	262
Cryo Therapy	1	4	17	12	6	40
LEEP	0	0	7	3	3	13



Summary of Trainee Results Rotary Global Grant GG1528609

Totals:

- 33 Trainees
- 14 Certified for VIA
- 5 Certified for Cryo Therapy
- 1 Certified to assist in Cryo Therapy
- 1 Certified to assist in LEEP procedures

Note: Certified participants are also certified to teach



Students Learning Cryotherapy and LEEP



Student Learning How to Wear Headlamp

VOLUNTEER PARTICIPATION:

Volunteer Name	Role	Clinic Weeks					Total	
		Week 1	Week 2	Week 3	Week 4	Week 5		
		Tortuguero	Kukrahill	Leon	Leon	Tortuguero		
VTT Members								
1	Carol Cruickshank	Program Director / VTT Leader Weeks 1 thru 3	X	X	X	X	X	
2	Karl Diekman*	VTT Leader Weeks 4 and 5				X	X	
3	Dr. Virginia Hanson	Medical Director Week 1 and 2	X	X				
4	Dr. Ilana Addis	Medical Director Week 3			X			
5	Pratima Gupta	Medical Director Week 4				X		
6	Dr. Art Levit	Medical Director Week 5				X	X	
7	Dr. Albors Alali ** Dr. Barbara	Clinician		X	X			
8	Bannan**	Clinician	X					
9	Dr Ingrid Bossen**	Clinician				X	X	
10	Cheryl Brown	Clinician			X			
11	Anne Daily	Clinician	X			X		
12	Sarah Dorsey	Clinician	X	X				
13	Trui Drake**	Clinician			X			
14	Gay Patterson- Duncan**	Clinician				X		
15	Lyell Fox	Clinician					X	
16	Rachel Gallegos**	Clinician				X		
17	Carol Haubach	Clinician	X					
18	Linda Jenkins	Clinician				X		
19	Dr. Carol Kimball**	Clinician			X			
20	Dr. Sharry Kreitlow	Clinician					X	
21	Dr. Betsy McCarthy**	Clinician					X	
22	Mary Naranjo**	Clinician				X		
23	Madeline Todel** Dr. Eduardo	Clinician	X	X				
24	Zapata**	Clinician			X			
Sub Total			7	5	7	10	7	36
Volunteer Authorized for the VTT but not Funded								
1	Dr. Carolina Chen Hsuan-Chih**	Clinician				X		
2	Dr. Jay Achanta	Clinician			X			
Sub Total			0	0	1	1	0	2

Volunteers Not Supported by Rotary

	Cooperating Organization					
1	Angela Mason*	Executive Director/ Support			X	X
2	Priya Achanta	Support		X		
3	Nuria Alonso**	Support		X		
4	Kathy Anderson*, **	Support	X	X		
	Seraphina					
5	Bossen**	Support			X	
6	Raylene Ewing*, **	Support			X	
7	Dr. Usha Gupta**	Clinician			X	
8	Barbara Lanier	Support	X			
9	Jan Leckikner	Support	X	X		
10	Jenna Lindberg	Support				X
	Michael Ring-					
11	Martinez**	Support	X	X		
12	Molly McCarthy**	Support				X
	Maria Pilar Alonso					
13	Nunez**	Support			X	
14	Julie Novaes**	Support	X			
15	Carolyn Theissen*	Support				X
16	Amelia Ward*	Support		X	X	
17	Molly Walzer**	Support			X	
	Sallie Harrison					
18	Weissinger*	Support			X	
Sub Total			4	4	7	4
Total			11	9	15	15
					4	11
						23
						61

Note: The 44 volunteers on this project provided 61 weeks of service to the project. The 23 Rotary sponsored VTT members provided 36 of those weeks of service.

All volunteers are listed in this report because each was essential to the success of the project. Rotary Rules Conflicted with Project Requirements.

* Indicates Rotarian - 7 Rotarians participated, 1 of which was approved in the grant.

** Indicates First Time Volunteer - 22 members of the team participated as a volunteer in a medical project outside of their home country for the first-time on this project. 10 of the first-time members were sponsored by the grant.



Volunteers Outside Clinic in Kukrahill



Volunteers Taking a Break in Tortuguero

PROJECT BUDGET:

		Income		
Description		Amount		Actual
District				
Designated Funds		\$ 30,000.00	\$	30,000.00
Club				
Contributions		\$ 3,583.33	\$	3,583.33
Volunteer				
Participation Fees		\$ 17,774.67	\$	14,500.00
World Fund				
Match		\$ 31,792.00	\$	31,792.00
	Total	\$ 83,150.00	\$	79,875.33

		Expenses		
Description	Supplier	Category	Budget in USD	Actual
Medical Supplies	US and Local Suppliers	Medical Supplies	\$ 4,100.00	\$ 7,194.97
Cryotherapy Machine & Tips	U. S. Suppliers	Cryotherapy Machine & Tips	\$ 4,946.00	\$ 6,053.00
Large cryogas tank	US and Local Suppliers	Large cryogas tank	\$ 750.00	\$ 962.41
Pathology	Local Supplier	Pathology	\$ -	\$ -
Instruments	U. S. Suppliers	Instruments	\$ 4,831.00	\$ 9,376.23
Educational Materials	US and Local Suppliers	Educational Materials	\$ 2,060.00	\$ 2,654.72
Project Management	PINCC	Project Management	\$ 8,800.00	\$ 8,800.00
Monitoring and Evaluation	PINCC	Monitoring and Evaluation	\$ 4,500.00	\$ 1,425.00
Contingency	Rotary Club of Woodland Rotary	Contingency	\$ 5,013.00	\$ 3,845.14
Air Transportation	International	Air Transportation	\$ 32,600.00	\$ 23,977.12
Ground Transportation, Lodging, Meals	Local Businesses	Ground Transportation, Lodging, Meals	\$ 15,550.00	\$ 15,586.74
			\$ 83,150.00	\$ 79,875.33
		Balance	\$0.00	\$0.00

PROJECT ACTIVITIES:

Activity	Description	Status	Completion Date
Planning	Pre project research and planning started in April 2014 and was completed when the project proposal was submitted and approved by District 5160. This planning occurred mostly in California and included university professors, medical doctors, Rotarians, non-medical clinic staff, and representatives of the Cooperating Organization.	Complete	22/12/2015
Planning	Planning for the first VTT in June 2015 began in October 2014 with the recruitment of VTT members and ended when the VTT departed to Nicaragua. This activity took place in Northern California and involved Rotarian committee members, Cooperating Organization, and medical personnel.	Complete	01/06/2015
Travel	Initial meeting in Nicaragua between Host Sponsor and International Sponsor - <i>no expense to the project</i> . This meeting occurred in Managua, Nicaragua at a Project Faire and involved Leon and Woodland Rotarians.	Complete	31/01/2015
Travel	VTT 1 traveled to Nicaragua and worked in three communities. This VTT worked in Leon, Tortuguero, and Kukrahill, Nicaragua. The participants included both VTT members and other volunteers.	Complete	23/06/2015
Planning	Post VTT 1 meeting between Host and International Sponsors to evaluate progress and plan for VTT 2 was conducted in Nicaragua at <i>no cost to the project</i> . This meeting took place in Leon, Nicaragua and involved Leon Rotarians, local District leadership, Karl Diekman, and a member of the Cadre, Cecil Padilla.	Complete	06/08/2015
Training	VTT1 conducted training in Leon, Kukrahill, and Tortuguero, Nicaragua - see Training and Education Report for details.	Complete	27/06/2015
Equipment/supply purchase	This project included the purchase of equipment and supplies for examinations, treatment, and education. Those purchases are documented in the financial information and attachments.	Complete	19/09/2016
Travel	VTT 2 traveled to Nicaragua to conduct training in Leon and Tortuguero, Nicaragua - see Training and Education Report for details.	Complete	23/01/2016
Community Outreach	Prior to the arrival of both VTTs at the clinics a recruitment was conducted by the clinics so that an adequate number of patients could be seen. The recruitment was conducted by local clinic staff and other healthcare workers in Nicaragua.	Complete	01/01/2016

Activity	Description	Status	Completion Date
Publicity	During VTT 2 the project team was interviewed by national and local television stations. MENSA, the national healthcare office, also published interviews. The reporters interviewed VTT members, local clinic staff, and patients.	Complete	15/01/2016
Monitoring/evaluation	A local healthcare worker contracted by PINCC (Jenny Williams) conducted a mid-project review for the project on our behalf. She visited each clinic and provided a summary report. Her report will be in component in the Monitoring and Evaluation Report.	Complete	16/11/2015
Monitoring/evaluation	Throughout the project the VTT Leaders and Project Manager recorded the results. The monitoring and Evaluation Report is submitted with the Final Report.	Complete	01/09/2016
Planning	Because of the long time between application and implementation of VTT 2, a new recruitment was conducted to replace lost members and fill vacant slots. This activity took place in Northern California and involved Rotarian committee members, Cooperating Organization, and medical personnel.	Complete	20/10/2015
Training	VTT 2 conducted training in Leon and Tortuguero, Nicaragua - See Training and Education Report for details.	Complete	23/01/2016

MONITORING AND EVALUATION:

Measure	Measurement Option	Data Collection Notes
1. Total number of direct beneficiaries	Direct observations Reports	There two constituent groups: 1. Number of patients examined by location 2. Number of attendees in education sessions by location

Result : The following table illustrates the number of patients seen by location and the resulting treatments (constituent group 1):

Table 1 - Patient Activity Report Rotary Global Grant GG1528609

Examination/Treatment	Clinic Weeks					Total
	Week 1 Tortuguero	Week 2 Kukrahill	Week 3 Leon	Week 4 Leon	Week 5 Tortuguero	
Patients Examined	142	197	167	251	168	925
Biopsy	4	4	3	28	6	45
PAP Smears	24	38	7	25	168	262
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For each constituent group the number of educational sessions were similar. Patients received education in group settings and in individual settings as illustrated by the two photographs below. Because education was a constant and continuous process conducted by most team members, there is not an accurate accounting. Since the patient load at the clinics was significantly larger than the number of patients examined, the number trained exceeded the number of patients.



Measure	Measurement Option	Data Collection Notes
2. Number of medical and health professionals trained	Direct observation and reports	There two constituent groups: <ul style="list-style-type: none"> 1. Number of local health care workers trained by location 2. Number of new volunteers available for future projects

Result: The first table below illustrates the total number of trainees and the resulting certifications. Attached is a more detailed report.

Table 2 - Summary of Trainee Results Rotary Global Grant GG1528609

Totals:

- 33 Trainees
 - 14 Certified for VIA
 - 5 Certified for Cryo Therapy
 - 1 Certified to assist in Cryo Therapy
 - 1 Certified to assist in LEEP procedures
- Note:** Certified participants are also certified to teach



Students Practicing What They Learned



Classroom Session in Tortuguero

The table below illustrates the total number of new volunteers available for future projects. Attached is a more detailed report.

Table 3 - Volunteer Activity Report Rotary Global Grant GG1528609

The 44 volunteers on this project provided 62 weeks of service to the project. The 23 Rotary sponsored VTT members provided 35 of those weeks of service.

Rotarian - 7 Rotarian's participated, 1 was approved in the grant.

First Time Volunteer - 22 members of the team participated as volunteers in a medical project outside of their home country for the first time on this project. 10 of the first time members

were sponsored by the grant.



Project Volunteers

Measure	Measurement Option	Data Collection Notes
3. Number of individuals reporting better quality of health care services	Survey	Survey all patients post examination/treatment

Result: Patient Exit Interview Questions and Results

The results of patient exit interviews were less than satisfactory for a number of reasons Including:

- 1) in many instances the patients were not educated, thus communications were occasionally difficult;
- 2) staffing was not adequate to absorb the extra work of post examinations surveys;
- 3) patients often had significant distances to travel by foot, public transport, horse, or, boat and they were frequently rushed.

The following information is representative of the exit interviews.

Exit interviews for Leon and Tortuguero (Nicaragua) January 2016

- 1. May I see your Patient Take Away Slip (which shows the results of her VIA exam, name of the provider who did the exam and when she should return)?
- 2. If the patient did not receive the paper, we track it down.
- 3. If she did receive the Take Away Slip, we continue:

Asking “May I see it?” If she says yes, which 100% of the women do (how could they refuse this foreigner), we continue:

- A. “How did the PINCC team treat you?” (A prompt may be needed: “Were they kind, polite?”

- B. "Did you understand what the doctors and nurses told you?"
- C. "Did they answer all your questions?"
- D. "Do you know when to return to the clinic for follow-up?"
- E. "Would you encourage other women to come in for this screening?"

Results:

Leon, Twenty-five women interviewed January 2016

1. Twenty-four of twenty-five women had the Patient Take Away Slip. We located it for the one patient who was missing one.
3. A. 100% of the women report they were treated well by the PINCC volunteers.
 - B. Two women were unclear about the results of their exam. "Do I have to come back for the results (like for a Pap smear)?" Answer: No, your exam was normal today, you just need to return in two years to have it repeated.
 - C. 100% of the women reported that their questions were answered.
 - D. All the women knew they needed to come back regularly to have the test routinely repeated. There was some confusion about what the interval was: One year? Two years? Six months?
 - E. All the patients said they would encourage other women to come in for screening.

Tortuguero, Twenty women interviewed January 2016

1. Nineteen of the women had the Patient Take Away Slip. We had to make a new one for one woman.
3. A. 100% of the women report they were treated well by the PINCC volunteers.
 - B. Three women were VERY confused about what had been done to them. Two of them were returned to their providers to get things straightened out. One woman was well known to the clinic and has severe mental health issues. It would be unrealistic for her to understand the VIA exam. The doctors and nurses keep a close eye on her and will continue to do so.
 - C. Seventeen of the patients reported that they had their questions answered. The same three women above did not. Two of them were from very rural areas, and they were so nervous that I would guess they had been unable to formulate a question. The third patient was mentally ill and poorly oriented to place and time.
 - D. This is generally an illiterate community that lives mostly without calendars and clocks. Many women did not know how old they were. In that sense our take away slip was irrelevant for the women themselves but would be useful if they show it to someone in follow-up care. The majority of the

women reported that they should come back for the screening again in a year, which is the routine in Nicaragua.

E. The majority of the women were happy to have received immediate results and would recommend the vinegar test (VIA) Those who needed to come back for Pap results were worried that they would not receive the results (yet again).

Measure	Measurement Option	Data Collection Notes
4. Number of recipients of disease prevention intervention	Direct observation and reports	Number of patients examined and number of patients having procedures done.

Result: Please refer to Table 1

Measure	Measurement Option	Data Collection Notes
5. Number of benefiting health facilities	Grant records and reports	Report work site location of each trainee.

Result: Please see the *Training and Education Report* for the details.

Measure	Measurement Option	Data Collection Notes
6. Number of health-focused events	Grant records and reports. PINCC Interim site report	Report when the screening happens when PINCC is not there. Special day and/or place in the clinic? Available every clinic, at every visit?

Result: Jenny Williams Interim Site Report Summary November 2015

Kukrahill

Cucra Hill (alternative spelling) se realizaron 97 IVAA, crióterapia 1, y una sospechosa de cáncer referida a Bluefields . Dificultades conseguir ácido acético

De los recursos capacitados solo Selmira y Liseth están haciendo IVAA, pero con muchas ganas de seguir ayudando a las mujeres.

They have done 97 VIA and one cryotherapy since June 2015. One suspected case of cervical cancer was referred to Bluefields. They have had difficulty obtaining Acetic Acid 5%. Two trainees, Selmira and Liseth, are the backbone of the VIA and cervical cancer prevention program, and they are very dedicated to making the program a success.

Tortuguero

Tortuguero Se hizo una reunión con la Directora, Dra. Violeta Torrez y las enfermeras y médicos en formación donde se reviso cuaderno y se explica la importancia de tener las pacientes para enero porque así garantizamos una buena Práctica y la certificación . Hicieron un total de 119 IVAA, 6 positivo y un caso de cáncer (estar en tratamiento). Igual dificultad con ácido acético.

I met with the Medical Director, Dr. Violeta Torrez, and all of the doctors and nurses who are being trained by PINCC. I reviewed their notebooks. They have done a total of 119 VIA with 6 positive cases and one suspected cervical cancer who has been referred for treatment and follow-up. They have had difficulty obtaining 5% acetic acid. I emphasized the importance of screening now before PINCC's return visit so that they have enough cases for a good training week.

Laguna de Perlas

Laguna de Perlas IVAA realizadas 1540 de las cuales 6 positivas, 4 bajo grado y 2 alto grado. Todas las muchas capacitadas están realizando IVAA .Siempre tienen el apoyo del alcalde con el gas, la dificultad es también el ácido acético.

In the past six months they have done 1540 VIAs with 6 positive results, 4 low grade lesions and 2 high grade lesions. All of the PINCC trained clinicians are doing VIA, and they are receiving financial support from the Mayor's office. They are also having difficulty obtaining 5% acetic acid.

EQUIPMENT AND SUPPLIES:

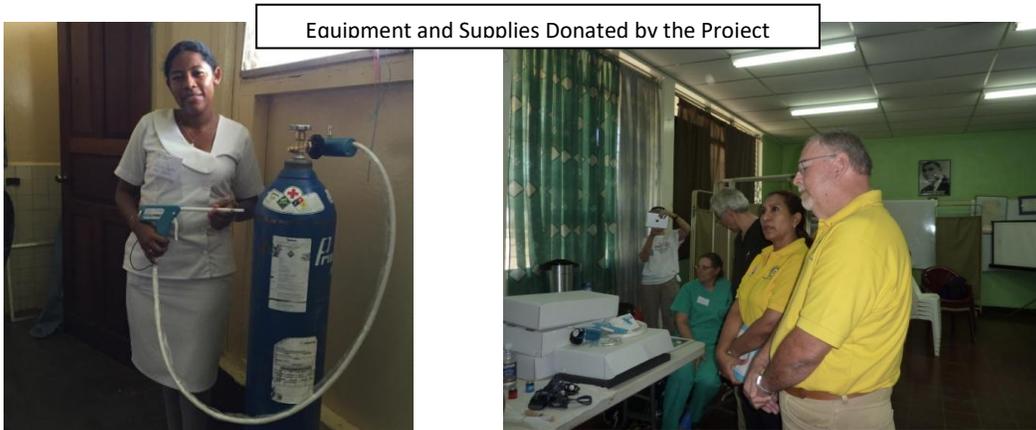
The equipment and supplies represented in this section represents items purchased by the grant and other sources.

Equipment:

Tortuguero, Centro de Salud Miguel Angel Plazaola - June 6-13, 2015

Kukrahill, Centro de Salud Milton Rocha Espinoza - June 13-20, 2015

MedGyn Cryotherapy System- Serial number 12977—with 2 large tips GT 2507, SN 10653, and SN 10657 , 1 small tip GT-1905, SN 12980, 3 O-rings and 1 DVD



Asociacion Mary Barreda, Leon - June 22-26, 2015

Med-Gyn Cryogun: SN12976, 2 large tips (GT2507)SN10654, 10658, and 1 small tip (GT1905)SN12981, 3 O-rings and DVD.

Leon, Centro de Salud Mántica Berríos - January 9-16, 2016

Six MedGyn Cryotherapy Systems complete with three tips (two large, GT 2507 and one small, GT1905) and three filters, Cryotherapy ,mkSN 13654, 13656, 13657, 13659, 412282, The six cryotherapy systems will be placed in: 1. El Sauce. 2. Malpaisillo. 3. La Paz Centro 4. Centro de Salud Perla Maria Norori (Leon) 5. Centro de Salud Sutiaba (Leon) and 6. HEODRA (Leon). All of these centers are run by the Ministry of Health and have PINCC certified clinicians waiting for the cryoguns. They also represent good geographical coverage of the Department of Leon.

Cooper-Surgical LEEP System 1000 Manufactured June 2014, Serial Number 1406F7571, LEEP ball electrodes, LEEP electrodes of various sizes (order number 2008, 1010, 1507). LEEP Handles, LEEP Patient Return Pads, LEEP speculums. insulated tenaculum and side-wall retractor, 2 needle extenders.

Tortuguero, Centro de Salud Miguel Angel Plazaola - January 16-23, 2016

Leon, the Leon Ministry of Health Pathology Department - September 2016 (additional equipment authorization)

2 Flotador De Tejdos; Microscopio binocular Olympus CX31,4 Objecto; Rotary Microtomoequipo De Corte Moderno; Cuchillas P/Microtomo Lecia #818A/#819A.



In addition Dr. Albers Alali donated one high power microscope

Supplies:

Tortuguero, Centro de Salud Miguel Angel Plazaola - June 6-13, 2015

five headlamps, 2 Black Diamond Icon and 3 Black Diamond Spot, one endocervical speculum, one titanium biopsy instrument. About 40 cytobrushes.

Kukrahill, Centro de Salud Milton Rocha Espinoza - June 13-20, 2015

3 large Graves Speculums, 1 large Pederson speculum, 1 medium Pederson speculum, half bottle of Monsel's solution, small flask of Lugol's solution

Leon, Asociacion Mary Barreda, - June 22-26, 2015

22 LEEP pt return pads, 16 disposable smoke evacuator tubes, 1 LEEP speculum, 52 LEEP Loops: 1.0x1.0cm-18, 3cm-9, 1.5cmx0.7cm-8, 21 Spinal needles, 2.0cmx0.8cm-25; 21 Spinal needles, 4 Vials Lidocaine, one coated vaginal retractor, one coated tenaculum

3 Biopsy tools, 3 Ring Forceps, 2 Endocervical curette, 1 Large scissors, 1 Tenaculum 2 Needle drivers, 1 metal vaginal retractor, 16 Specula, 53 Tongue depressors, 24 Biopsy bottles, 2 Hand Sanitizers, 46 Syringes (10cc), 12 Endometrial samplers, 310 Ayres plastic Pap spatulas, 220 Small Swabs, 40 Large Swabs, 1 Box Small Gloves (100), 5 bags cotton balls, 100 Alcohol Prep Pads, 1 box Sanitary Napkins, 2 tubes Lubricant, 6 Manuals on Cervical Cancer, , 20 Cytobrushes, 7 individual gauze packets, 1 Bottle Monsel's, 1 bag of unwrapped gauzes,

Leon, Centro de Salud Mántica Berrios - January 9-16, 2016

one box of Lugol's solution 12 bottles of 8ml/each. 12 headlamps, 12 mini-Tischler Titanium Punch Biopsy instruments, 2 boxes microsocpe slides, 30 endometrial pipelles, 4 endocervical

Tortuguero, Centro de Salud Miguel Angel Plazaola - January 16-23, 2016

One mini-Tischler punch biopsy instrument (Titanium), three ring forceps, one tenaculum, one endocervical speculum, nine specula of various sizes, eight headlamps.

Educational Material:

Tortuguero, Centro de Salud Miguel Angel Plazaola - June 6-13, 2015

4 Mini-flip books

Kukrahill, Centro de Salud Milton Rocha Espinoza - June 13-20, 2015

3 mini-flipbooks

Leon, Asociacion Mary Barreda, - June 22-26, 2015

1 Portfolio Cervical Cancer

Leon, Centro de Salud Mántica Berrios - January 9-16, 2016

20 mini flipbooks

Tortuguero, Centro de Salud Miguel Angel Plazaola January 16-23, 2016

Ten mini-Flip books.

PROJECT OUTCOMES:

- We expected to train and certify clinicians in the procedures needed to identify and treat the virus that can cause cervical cancer, and we did.
- We did expect to equip clinics for the purpose of examining for and treating the conditions that can lead to cervical cancer, and we did.
- We expected to attract and develop volunteers to participate in this project and others, and we did.
- We did not expect that this project to lead to Health Education and Wellness Rotarian Action Group (HEWRAG) involvement with the Cervical Cancer Action: A Global Coalition to STOP Cervical Cancer, but it did.
- We did expect to see further collaboration between Rotary and PINCC, and we did.

PROJECT COMPLETION: This project was completed when the Rotary Club of Leon completed final equipment purchase and returned unused funds to the project account on September 1, 2016, and the unused funds from the project were returned to The Rotary Foundation on September 19, 2016!!!!!!!!!!