

Basic Information

Grant title

Developing a Pediatric Cardiac Program in Bolivia

Type of Project

Vocational training team

Build skills within a community by supporting a team of professionals that will travel abroad to train or learn from colleagues in the community they visit

Primary Contacts

Name	Club	District	Sponsor	Role
Joseph Laurení	Mid-Bergen County	7490	Club	International
Carlos Birbuet Méndez	La Paz Sur	4690	Club	Host

Committee Members

Host committee

Name	Club	District	Role
Gonzalo Leiva Poma	La Paz Sur	4690	Secondary Contact
Alejandra Garrón Monje	La Paz Sur	4690	Secondary Contact

International committee

Name	Club	District	Role
Ruth Nebiar	Mid-Bergen County	7490	Secondary Contact International
Mia Forsberg-Villon	Mid-Bergen County	7490	Secondary Contact International

Do any of these committee members have potential conflicts of interest?

No

Project Overview

Tell us a little about your project. What are the main objectives of the project, and who will benefit from it?

This project will empower Bolivian healthcare professionals at the Hospital del Nino in La Paz, Bolivia to enhance their knowledge and skills as we begin the development of a sustainable pediatric cardiac program to address the immense need for pediatric cardiac care in the region. The empowerment of the Bolivian team will begin with the mentorship of 4 VTT training teams funded through this global grant – 3 Surgical VTT teams and 1 Catheterization VTT team. During each of these training missions, the VTT team will mentor their counterpart of the local team while providing lifesaving cardiac interventions to approximately 45 Bolivian children – 10 children per mission for surgical visits and 15 children during the Cath visit. Beneficiaries are the 45 Bolivian children and their families as well as the Bolivian pediatric cardiac team at Hospital Del Nino in La Paz. The project will also fund the purchase of the following equipment: 1 Air Conditioner for the Intensive Care Unit, Syringe Pumps for the Intensive Care Unit and a Echocardiogram machine with probes for diagnosis, use during surgical and catheterization procedures and follow up of children with heart disease.

Areas of Focus

Which area of focus will this project support?

Disease prevention and treatment
Maternal and child health

Measuring Success

Disease prevention and treatment

Which goals will your activity support?

Improving the capacity of local health care professionals;

How will you measure your project's impact? You need to include at least one standardized measure from the drop-down menu as part of your application.

Measure	Collection Method	Frequency	Beneficiaries
Number of medical and health professionals trained	Grant records and reports	Every year	20-49
Number of recipients of disease prevention intervention	Grant records and reports	Every year	20-49

Do you know who will collect information for monitoring and evaluation?

Yes

Name of Individual or Organization

Gift of Life International

Briefly explain why this person or organization is qualified for this task.

Gift of Life International (GOLI) is a Rotarian-based organization and is well-versed in the collection of such data. GOLI will provide the VTT teams for all training visits and will work with the hospital to collect all data

for monitoring and evaluation of the project. All data will be shared with both Host and International Rotary Partners for reporting.

Maternal and child health

Which goals will your activity support?

Reducing the mortality and morbidity rate of children under five;

How will you measure your project's impact? You need to include at least one standardized measure from the drop-down menu as part of your application.

Measure	Collection Method	Frequency	Beneficiaries
Number of children under age 5 receiving medical treatment	Grant records and reports	Every year	1-19

Do you know who will collect information for monitoring and evaluation?

Yes

Name of Individual or Organization

Gift of Life International

Briefly explain why this person or organization is qualified for this task.

Gift of Life International (GOLI) is a Rotarian-based organization and is well-versed in the collection of such data. GOLI will provide the VTT teams for all training visits and will work with the hospital to collect all data for monitoring and evaluation of the project. All data will be shared with both Host and International Rotary Partners for reporting.

Location and Dates

Vocational training team

Team name	Type	Training Location	Departure - Return
Gift of Life Cath Team	Providing training	Bolivia	20/06/2020 - 27/06/2020
Gift of Life Surgical Team #1	Providing training	Bolivia	11/07/2020 - 19/07/2020
Gift of Life Surgical Team #2	Providing training	Bolivia	12/09/2020 - 20/09/2020
Gift of Life Surgical Team #3	Providing training	Bolivia	14/11/2020 - 22/11/2020

Participants

Vocational training team

Team name	Type	Training Location	Departure - Return
Gift of Life Cath Team	Providing training	Bolivia	20/06/2020 - 27/06/2020
MEMBERS			
Name	Email		Team Leader
Ruth Nebiar	ruthnebiar@gmail.com		Yes
Abraham Rothman	abeman@cox.net		
Dustin Mangus	dustymangus@gmail.com		

Supporting Documents

Team name	Type	Training Location	Departure - Return
Gift of Life Surgical Team #1	Providing training	Bolivia	11/07/2020 - 19/07/2020
MEMBERS			
Name	Email		Team Leader
Javier Luis Sanchez	javierluis@aol.com		
Rodrigo Soto	rodrigo.soto@mac.com		Yes
James Roth	JamesMRoth2@gmail.com		
John Albers	frostbite1961@icloud.com		
Nicole Betancourt	N.Betancourt84@gmail.com		

Supporting Documents

Team name	Type	Training Location	Departure - Return
Gift of Life Surgical Team #2	Providing training	Bolivia	12/09/2020 - 20/09/2020
MEMBERS			
Name	Email	Team Leader	
Javier Luis Sanchez	javierluis@aol.com	Yes	
Lisa Dice	dicewoman1967@aol.com		
James Roth	JamesMRoth2@gmail.com		
John Albers	frostbite1961@icloud.com		

Supporting Documents

Team name	Type	Training Location	Departure - Return
Gift of Life Surgical Team #3	Providing training	Bolivia	14/11/2020 - 22/11/2020
MEMBERS			
Name	Email	Team Leader	
Gabe Owens	gabeo@med.umich.edu	Yes	
Richard Ohye	ohye@med.umich.edu		
Bridget Pearce	whelton@med.umich.edu		
Whitney Peters	wmpeters@med.umich.edu		
Jaime Rose	jradkins@med.umich.edu		

Supporting Documents

Cooperating Organizations (Optional)

Name	Website	Location
Gift of Life International	giftoflifeinternational.org	PO Box 650436 Fresh Meadows, New York, 11365 United States

Supporting Documents

Do any committee members have a potential conflict of interest related to a cooperating organization?

No

Why did you choose to partner with this organization and what will its role be?

Gift of Life International (GOLI) is a Rotarian-based organization and is a leader in the development of sustainable pediatric cardiac surgical, catheterization and aftercare programs in emerging countries. We chose to partner with them as result of their expertise in this area since our goal is to develop such a program in Bolivia for children with heart disease. In 2018, GOLI conducted the first screening visit to La Paz to establish a working relationship with the hospital and the local team...along with creating a waiting list of children in need of care. In 2019, GOLI coordinated the first GOL interventional catheterization mission to La Paz resulting in the treatment of 20 children previously identified as needing care. In the Fall of 2019, GOLI completed the first GOL surgical mission to Hospital del Nino to evaluate the capacity of the program and to develop a working relationship with the local team. A site visit was conducted by GOLI Clinical Consultant, Dr. Rodrigo Soto in early January 2020 to ensure the hospital was indeed equipped to begin the development of a sustainable pediatric cardiac program. One more surgical mission was completed by GOLI in January 2020 to finalize the decision to move forward with the development of a sustainable pediatric cardiac program in Bolivia. GOLI has done their homework and now we will rely on their expertise to begin to develop a sustainable program for Bolivian children with heart disease.

GOLI will continue to meet with hospital staff and administration to create strategies for country-specific development of the program. They will also meet with the Ministry of Health to obtain their engagement and support of the program. GOLI will assemble all VTT teams for this project and oversee each mission. GOLI team members will assess the level of skill and knowledge of each team member and each specialty within the pediatric cardiac team. Based on this information, they will create training plans for each training visit. GOLI will coordinate inventory control and will purchase all supplies, medications, cath devices and equipment needed for each VTT mission trip. GOLI will coordinate the shipping of all supplies, meds, cath devices and equipment and ensure they arrive at the hospital prior to each mission team's arrival. GOLI will conduct a debrief meeting at the end of each mission trip to analyze trip results, assess patient outcomes and assess level of knowledge and skills of the local team. GOLI will collect all VTT documents to submit to Rotary partners for approval by TRF. GOLI will also collect all VTT documents to submit to the Bolivian authorities to gain permission for each team member to practice medicine in Bolivia during the training missions. GOLI will collect all information needed for monitoring and evaluation of the project and will share with all Rotary partners.

Partners (Optional)

List any other partners that will participate in this project.

Rotarian Participants

Describe the role that host Rotarians will have in this project.

- 1) Contribute funds to the project
- 2) Provide hospitality to the VTT teams and visiting Rotarians

- 3) Coordinate in-country transportation, meals and accommodations for the VTT teams and visiting Rotarians
- 4) Raise awareness of Rotary's impact with the beneficiaries and their families when providing support to them at the hospital.
- 5) Provide non-medical logistical support to the VTT team when needed
- 6) Raise awareness of the project in their Rotary Club and District
- 7) Communicate regularly with the International Partner to provide updates on the progress of the project
- 8) Coordinate and participate in media coverage for the project

Describe the role that international Rotarians will have in this project.

- 1) Manage project funds
- 2) Review, approve and pay all invoices in a timely manner
- 3) Send a Club member as Rotarian Team Leader for at least 2 of the training missions to raise awareness of Rotary's impact, to meet their Host Rotary partners and the beneficiaries and to report back to their Club and District on the progress of the project.
- 4) Communicate regularly with the Host Partner to keep them updated on the financial status of the project
- 5) Communicate with grant contributors to keep them updated on children treated
- 6) Contribute funds to the project
- 7) Complete all reporting requirements and submit to The Rotary Foundation in a timely manner.

Budget

What local currency are you using in your project's budget?

The currency you select should be what you use for a majority of the project's expenses.

Local Currency	U.S. dollar (USD) exchange rate	Currency Set On
USD	1	24/02/2020

What is the budget for this grant?

List each item in your project's budget. Remember that the project's total budget must equal its total funding, which will be calculated in step 9. Every global grant includes a match of at least \$15,000 from The Rotary Foundation's World Fund. Project budgets, including the World Fund match, must be at least \$30,000.

#	Category	Description	Supplier	Cost in USD	Cost in USD
1	Travel	Airfare for VTT Teams (\$16,000 per surgical team x 3, \$3,000 for Cath Team)	Various Airlines	51000	51000
2	Accommodations	Hotel for VTT Team (\$8,000 per surgical team x 3, \$1,500 for Cath team)	Ritz Hotel	25500	25500
3	Travel	In-country Transportation	Transport Company	1000	1000
4	Travel	Food for VTT Team (\$2,000 per surgical team, \$500 for cath team)	Various	6500	6500
5	Operations	Facility Fee for Cath Lab Use (\$500 per patient x 15)	Hospital	7500	7500
6	Operations	Shipping of supplies, medications and equipment	UPS/FEDEX	6000	6000
7	Travel	Vaccinations for VTT team members (\$350 per person)	Health Agencies	10000	10000
8	Operations	Banking Fees	Bank	500	500
9	Equipment	Air Conditioner for ICU (\$4,000), Syringe Pumps for ICU (\$10,000), Echocardiogram Machine with Probes (\$60,000)	Various	74000	74000
10	Supplies	Supplies and medications to treat 30 children on 3 VTT missions trips (\$13,000 per trip x 3)	Various Vendors	39000	39000
11	Supplies	Cath devices (\$1,000 per patient x 15)	Hospital	15000	15000
12	Project management	Project Management Fee	GOLI	20000	20000
Total budget:				256000	256000

Funding

Tell us about the funding you've secured for your project. We'll use the information you enter here to calculate your maximum possible funding match from the World Fund.

#	Source	Details	Amount (USD)	Support*	Total
1	District Designated Fund (DDF)	7490	10,000.00	0.00	10,000.00
2	Non-Rotarian contributions to be matched by TRF	Anonymous donor	10,000.00	500.00	10,500.00
3	Non-Rotarian contributions to be matched by TRF	Rachel Cooper Foundation	10,000.00	500.00	10,500.00
4	Non-Rotarian contributions to be matched by TRF	Gift of Life Rotary District 7190	15,000.00	750.00	15,750.00

*Whenever cash is contributed to the Foundation to help fund a global grant project, an additional 5 percent is applied to help cover the cost of processing these funds. Clubs and districts can receive Paul Harris Fellow recognition points for the additional expense.

How much World Fund money would you like to use on this project?

You may request up to 27,500.00 USD from the World Fund.

27500

Funding Summary

DDF contributions:	10,000.00
Non-Rotarian contributions matched by the Foundation:	35,000.00
Financing subtotal (matched contributions + World Fund):	72,500.00
Total funding:	72,500.00
Total budget:	256,000.00

Sustainability

Vocational Training Teams

Project implementation

Describe the training needs that the team will address.

With a population of approximately 12 million, there are 2,400 Bolivian children born each year with a congenital heart defect. Approximately 1,200 of them will require surgical or cath interventions. Currently, more than 90% of these children have no access to care. While congenital heart disease (CHD) is the most common birth defect worldwide, it is even more prevalent in higher altitudes. La Paz sits at an elevation of 13,000 feet causing an even greater struggle for children born with CHD. Currently there are almost no pediatric cardiac surgeries being performed at Hospital del Nino without a visiting team present. The pediatric cardiac surgeon has experience since she also works at private hospitals in La Paz and surrounding areas. However, it is impossible for a surgeon to complete a surgery without an entire trained team of specialized healthcare professionals and then transfer the patient to the care of a skilled post-operative team. The pediatric cardiac team at Hospital del Nino is complete, however team members are at various levels of knowledge and skill - many are at an entry level. To have a successful and sustainable program, it is essential to bring all specialties within the team to the same level. Once this is achieved, children can begin to be operated between missions by the local team and complexity of cases can gradually be increased. This process usually takes place over the course of several years.

How did your team identify these needs?

Gift of Life International has conducted a site visit, a screening mission, 1 Cath Mission and 2 Surgical missions to La Paz. These visits were scheduled to assess the hospital and the team and to determine whether there exists the basis to begin the development of a sustainable pediatric cardiac program. The findings were positive and in the opinion of Gift of Life International, the program at Hospital del Nino meets the criteria to begin development. GOL I has witnessed a dedicated team of healthcare professionals who are eager to learn and have a desire to enhance their skills allowing for them to treat Bolivian children with heart disease. Local Rotarians are engaged and anxious to help with non-medical logistics. The Ministry of Health has been supportive in helping to expedite Customs Clearance of supplies and medications and the hospital administration welcomes training teams to mentor and guide their healthcare professionals, increasing their capacity to provide care to children with heart disease.

Describe the specific objectives of the training, including what you expect training participants to gain from the team's expertise.

As mentioned above, specialties within the pediatric cardiac team have demonstrated knowledge and skills at various levels. Within those specialties there are also variances between team members. The focus of the training will be to create a cohesive team with similar levels of knowledge and skill. In many cases this will mean beginning training at an entry level. The expectation is that with each training visit, knowledge of local team members will be increased through both bedside and classroom style training. It is also expected that skill levels will be increased with each training visit. As the GOL I VTT team sees skills increasing, responsibilities of the local team in regards to direct patient care will be increased and the VTT team will begin to step back and provide guidance. A debrief meeting will be conducted by GOL I at the end of each training mission to evaluate cases completed, training completed and its effectiveness and to create strategies for the next VTT team to focus on.

How were members of the local community involved in planning the training?

Pediatric cardiac surgeon, Dr. Ericka Perez from Hospital Del Nino has been instrumental in the planning of the training. Dr. Perez has engaged the hospital administration and the Ministry of Health during meetings with GOL I CEO Rob Raylman. Dr. Perez has engaged her colleagues in working with GOL I to determine inventory and training needs. Local Bolivian Rotarians have been engaged in the previous mission trips and are excited to welcome future VTT teams. Local team members who participated in the previous missions conducted by GOL I are engaged and have expressed a desire to receive mentorship from visiting teams.

Will you work in coordination with any related initiatives in the community?

No

Please explain. Are local initiatives not addressing these needs? Or, if they are, why did you decide not to work with them?

There are no local initiatives catering to the impoverished community of children with heart disease outside private hospitals. Even the private hospitals are completing very few cases and are not coming close to meeting the need.

What incentives (for example, monetary compensation, awards, certification, or promotion) will you use, if any, to encourage community members to participate in the training?

N/A

How will training recipients be supported after the training to keep the skills they acquire up-to-date?

Development of cohesive and sustainable pediatric cardiac team takes several years. GOL I and its affiliated programs are committed to continuing the training of the Bolivian team with 3 - 4 training visits per year as needed.

List any community members or community groups that will oversee further training after the project ends.

GOL I will oversee further training.

Budget

Will you purchase budget items from local vendors?

Yes

Explain the process you used to select vendors.

All consumables which are available and are competitively priced in Bolivia will be purchased in-country through reputable vendors who have a long-standing relationship with Hospital del Nino. All other consumables will be purchased in the US through reputable vendors GOLI has a long-standing relationship with. These items will be brought by VTT team members or will be shipped.

Did you use competitive bidding to select vendors?

Yes

Please provide an operations and maintenance plan for the equipment or materials you anticipate purchasing for this project. This plan should include who will operate and maintain the equipment and how they will be trained.

Equipment will be purchased with a service and maintenance plan. Training on equipment will be provided as needed. Additionally, Bolivian Biomedical engineers employed by Hospital del Nino will maintain equipment purchased on an on-going basis.

Describe how community members will maintain the equipment after grant-funded activities conclude. Will replacement parts be available?

Equipment will be maintained by local biomedical engineers. Replacement parts will be available if needed.

If the grant will be used to purchase any equipment, will the equipment be culturally appropriate and conform to the community's technology standards?

Yes

Please explain.

All equipment purchased has been selected specifically to conform to the community's technology standards and to be compatible with other equipment already in the hospital.

After the project is completed, who will own the items purchased by grant funds? No items may be owned by a Rotary district, club, or member.

Hospital del Nino

Funding

Does your project involve microcredit activities?

Have you found a local funding source to sustain project outcomes for the long term?

No

Will any part of the project generate income for ongoing project funding? If yes, please explain.

No

Authorizations

Authorizations & Legal Agreements

Legal agreement

Global Grant Agreement

I confirm and agree to the following:

1. All information contained in this application is, to the best of our knowledge, true and accurate.
2. We have read the Terms and Conditions for Rotary Foundation District Grants and Global Grants ("Terms and Conditions") and will adhere to all policies therein.
3. The grant sponsors ("Sponsors") shall defend, indemnify, and hold harmless Rotary International (RI) and The Rotary Foundation (TRF), including their directors, trustees, officers, committees, employees, agents, associate foundations and representatives (collectively "RI/TRF"), from and against all claims, including but not limited to claims of subrogation, demands, actions, damages, losses, costs, liabilities, expenses (including reasonable attorney's fees and other legal expenses), awards, judgments, and fines asserted against or recovered from RI/TRF arising out of any act, conduct, omission, negligence, misconduct, or unlawful act (or act contrary to any applicable governmental order or regulation) resulting directly or indirectly from a Sponsor's and/or participant's involvement in grant-funded activities, including all travel related to the grant.
4. The failure of the parties to comply with the terms of this Agreement due to an act of God, strike, war, fire, riot, civil unrest, hurricane, earthquake, or other natural disasters, acts of public enemies, curtailment of transportation facilities, political upheavals, acts of terrorism, or any similar cause beyond the control of the parties shall not be deemed a breach of this Agreement. In such an event, the Agreement shall be deemed terminated and the Sponsors shall refund all unexpended global grant funds within 30 days of termination.
5. TRF's entire responsibility is expressly limited to payment of the total financing amount. TRF does not assume any further responsibility in connection with this grant.
6. TRF reserves the right to cancel the grant and/or this Agreement without notice upon the failure of either or both of the Sponsors to abide by the terms set forth in this Agreement and the Terms and Conditions. Upon cancellation, TRF shall be entitled to a refund of any global grant funds, including any interest earned, that have not been expended.
7. The laws of the State of Illinois, USA, without reference to its conflicts of laws principles, shall govern all matters arising out of or relating to this Agreement, including, without limitation, its interpretation, construction, performance, and enforcement.
8. Any legal action brought by either party against the other party arising out of or relating to this Agreement must be brought in either, the Circuit Court of Cook County, State of Illinois, USA or the Federal District Court for the Northern District of Illinois, USA. Each party consents to the exclusive jurisdiction of these courts, and their respective appellate courts for the purpose of such actions. Nothing herein prohibits a party that obtains a judgment in either of the designated courts from enforcing the judgment in any other court. Notwithstanding the foregoing, TRF may also bring legal action against Sponsors and/or individuals traveling on grant funds in any court with jurisdiction over them.
9. This Agreement binds and benefits the parties and their respective administrators, legal representatives, and permitted successors and assigns.
10. If any provision of this Agreement is determined to be illegal, invalid or unenforceable, the remaining provisions of this Agreement shall remain in full force and effect.
11. Sponsors may not assign any of its rights under this Agreement except with the prior written consent of

TRF. Sponsors may not delegate any performance under this Agreement without the prior written consent of TRF. Any purported assignment of a Sponsor's rights or delegation of performance without TRF's prior written consent is void.

12. TRF may assign some or all of its rights under this Agreement to an associate foundation of TRF. TRF may delegate any performance under this Agreement to an associate foundation. Any other purported assignment of TRF's rights or delegation of performance without the Sponsors' prior written consent is void.

13. Sponsors will comply with all economic and trade sanctions, including those implemented by the Office of Foreign Assets Control (OFAC) of the United States Department of Treasury, and will ensure that they do not support or promote violence, terrorist activity or related training, or money laundering.

14. This Agreement constitutes the final agreement between the parties. No amendment or waiver of any provision of this Agreement shall be effective unless it is in the form of a writing signed by the parties.

15. Rotary International (RI) and TRF may use information contained in this application and subsequent reports to promote the activities by various means such as The Rotarian, Rotary Leader, rotary.org, etc. Unless indicated otherwise in writing, by submission of the photos, the parties hereby grant to RI and TRF the worldwide right to publish and use the photos, including but not limited to, in RI and TRF publications, advertisements, and Web sites and on social media channels and to license use to others, including, but not limited to, media outlets and its partners and through RI's online image database, for the purposes of promoting Rotary. By submitting the photos, the parties represent and warrant that all persons appearing in the photos have given their unrestricted written consent to use their likenesses and to license use to third parties.

16. The Sponsors agree to share information on best practices when asked, and TRF may provide their contact information to other Rotarians who may wish advice on implementing similar activities.

17. The Sponsors will ensure that all individuals traveling on grant funds have been informed of the travel policies stated in the Terms and Conditions and have been made aware that they are responsible for obtaining travel insurance.

Primary contact authorizations

Application Authorization

By submitting this global grant application, we agree to the following:

1. All information contained in this application is, to the best of our knowledge, true and accurate, and we intend to implement the activities as presented in this application.
2. The club/district agrees to undertake these activities as a club/district.
3. We will ensure all cash contributions (as detailed in the grant financing) will be forwarded to The Rotary Foundation (TRF) or sent directly to the global grant bank account after Trustee approval of the grant.
4. Rotary International (RI) and TRF may use information contained in this application to promote the activities by various means such as The Rotarian, the RI international convention, RVM: The Rotarian Video Magazine, etc.
5. We agree to share information on best practices when asked, and TRF may provide our contact information to other Rotarians who may wish advice on implementing similar activities.
6. To the best of our knowledge and belief, except as disclosed herewith, neither we nor any person with whom we have or had a personal or business relationship are engaged, or intend to engage, in benefiting from TRF grant funds or have any interest that may represent a potential competing or conflicting interest. A conflict of interest is defined as a situation in which a Rotarian, in relationship to an outside organization, is in a position to influence the spending of TRF grant funds, or influence decisions in ways that could lead directly

or indirectly to financial gain for the Rotarian, a business colleague, or his or her family, or give improper advantage to others to the detriment of TRF.

All Authorizations & Legal Agreements Summary

Primary contact authorizations

Name	Club	District	Status
Joseph Laurení	Mid-Bergen County	7490	
Carlos Birbuet Méndez	La Paz Sur	4690	

District Rotary Foundation chair authorization

Name	Club	District	Status
John Fowler	Ridgewood A.M.	7490	
William Francisco Torrico Hurtado	Santa Cruz de la Sierra	4690	

DDF authorization

Name	Club	District	Status
John Fowler	Ridgewood A.M.	7490	
John Mitchell	Fort Lee	7490	

Legal agreement

Name	Club	District	Status
Alejandra Garrón Monje	La Paz Sur	4690	
Ronald Fraioli	Mid-Bergen County	7490	