

Basic Information

Grant title

Beirut, Lebanon - Karagheusian Primary Healthcare Centre X Ray Machines

Type of Project

Humanitarian Project

Address community needs and produce sustainable, measurable outcomes

Primary Contacts

Name	Club	District	Sponsor	Role
Gary Banger	Harrow	1130	Club	International
Rami Sarkis	Beirut-Cedars	2452	Club	Host

Committee Members

Host committee

Name	Club	District	Role
Hagop Dantziguan	Beirut-Cedars	2452	Secondary Contact
Ronald Farra	Beirut-Cedars	2452	Secondary Contact

International committee

Name	Club	District	Role
Martin Hemming	Harrow	1130	Secondary Contact International
Michael Smith	Harrow	1130	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?

Diagnostic dental equipment needed at The Karagheusian Primary Healthcare Centre which is a long-term trusted partner of Embrace the Middle East. The equipment will help over 5,000 refugees and others in need. Oral health is a key indicator of overall health, well-being and quality of life. It encompasses a range of diseases and conditions that include dental caries, Periodontal disease, Tooth loss, Oral cancer, Oral manifestations of HIV infection, Oro-dental trauma, Noma and birth defects such as cleft lip and palate. The Global Burden of Disease Study 2017 estimated that oral diseases affect 3.5 billion people worldwide, with untreated dental caries being among the most prevalent noncommunicable diseases. According to the International Agency for Research on Cancer, the incidence of oral cancer was within the top three of all cancers in some Asian-Pacific countries in 2018.

diabetes mellitus is linked with the development and progression of periodontitis. Moreover, there is a causal link between high sugars consumption and diabetes, obesity and dental caries. There is a proven relationship between oral and general health.

Ref : World Health Organization (https://www.who.int/health-topics/oral-health/#tab=tab_1)

Areas of Focus

Which area of focus will this project support?

Disease prevention and treatment

Measuring Success

Disease prevention and treatment

Which goals will your activity support?

Improving the capacity of local health care professionals; Strengthening health care systems;

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 individuals reporting better quality of health care services	Public records	Every year	2500+

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

Yes

Name of Individual or Organization

Karagheusian Primary Healthcare Centre administration staff will record the results

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

The medical records are collated by professional staff using modern electronic methods which allow abstraction of treatment performance information without compromising Data protection.

Location and Dates

Humanitarian Project

Where will your project take place?

City or town

Beirut

Country

Lebanon

Province or state

Lebanon

When will your project take place?

2021-02-22 to 2022-03-07

Participants

Cooperating Organizations (Optional)

Name	Website	Location
Embrace The Middle East Registered Charity 1076329	https://www.embraceme.org	24 London Rd West Amersham England

Supporting Documents

- GG2120321Signed.docx

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?

Embrace the Middle East works with over 50 Christian partners across Egypt, Iraq, Israel-Palestine, Lebanon and Syria.

For Embrace, partnership means supporting local solutions through local people, not imposing projects and priorities from afar. They aim to build the capacity of their partners to strengthen local civil society in a sustainable way, and not create dependence on outside development agencies.

Once a potential partner has been identified, a rigorous due diligence process is undertaken:

- conduct at least two visits – one by programme managers and at least one by senior management
- review its statutory documents – annual reports, legal registration status, strategic plan
- seek references from trusted local advisors, including church leaders
- collect details of senior staff and board members to enable background checks.
- These are the reasons for selecting Embrace the Middle East as a partner.

Embrace will report to Cedars Club & Harrow on a regular basis.

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.

The Cedars club will carryout their responsibilities as listed in the MoU, this includes reviewing the purchase of equipment, validating invoices, confirming safe payments, and equipment installation, and commissioning. They will visit the centre on a regular basis and obtain user data from the administration department. The reports will be circulated to Embrace the Middle East, all the Rotary clubs involved, and Evanston.

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

Along with Embrace the Middle east we will receive Zoom meeting updates from the Centre Director on the utilisation of the X-Ray equipment. Personal visits by Rotarians will not be possible under Covid 19 regulations.

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	21/10/2020

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	Equipment	Panoramic X Ray Machine	Societe Georges Et Antoine GANNAGE (Vatech PaX-I Panoramic Machine)	18800	18800
2	Equipment	Steam Sterilizer	Richa Dental Store (Faro Autoclave 21 L Class B)	3400	3400
3	Supplies	Dental raw material & supplies	Local suppliers	15000	15000
4	Training	Dental Human Resources (Dentists doctor and Auxiliary Nurse / dental assistance) training	Medical Centre	6590	6590
5	Equipment	Dental Chair	Richa Dental Store (SIGER U100 DENTAL EQUIPMENT)	12610	12610
Total budget:				56400	56400

Supporting Documents

- \$12_610KARAGHEUSIAN_ASSOCIATION_-OFFER-_SIGER_U100.pdf
- \$18_800_Vatech_PAx-I_Offer.pdf
- \$3400_KARAGHEUSIAN_ASSOCIATION_-OFFER-_AUTOCLAVE.pdf

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	Cash from Club	Harrow	21,800.00	1,090.00	22,890.00
2	District Designated Fund (DDF)	1130	10,900.00	0.00	10,900.00
3	Cash from Club	Bad Driburg	2,000.00	0.00	2,000.00
4	District Designated Fund (DDF)	1900	2,000.00	0.00	2,000.00
5	Cash from Club	Seattle	2,400.00	120.00	2,520.00
6	District Designated Fund (DDF)	5030	1,200.00	0.00	1,200.00
7	Cash from Club	Beirut-Cedars	1,650.00	82.50	1,732.50
8	District Designated Fund (DDF)	2452	175.00	0.00	175.00

*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 14,275.00 USD from the World Fund.

14275

Funding Summary

DDF contributions:	14,275.00
Cash contributions:	27,850.00
Financing subtotal (matched contributions + World Fund):	56,400.00
Total funding:	56,400.00
Total budget:	56,400.00

Sustainability

Humanitarian Projects

Project planning

Describe the community needs that your project will address.

The Karagheusian Primary Healthcare Center (K-PHC) is located in Bourj Hammoud – Lebanon since 1946. It is a Non-Governmental Organization (NGO) and is a member of the Lebanese National Primary Healthcare network that operates in collaboration and partnership with the Lebanese Ministry of Public Health (MOPH).

Their vision is to provide primary healthcare services that are high quality, safe, comprehensive, integrated, accessible, available and affordable for everyone and everywhere, provided with compassion, respect and dignity by health professionals who are well-trained, skilled, motivated and committed.

Throughout the years, the centre has been open to all without any discrimination for medical services by having several operational clinics for paediatrics, obstetrics-gynaecology, dental, ophthalmology, family medicine, and chronic care.

Since the Syrian crisis started in 2011, the number of cases coming to the Center seeking Primary Healthcare services increased tremendously, from an average of 500 cases served per month, during and since the Syrian crisis, the number has increased to >4,000 cases' visits per month.

The number of cases has increased from 20,164 in 2013 to 49,314 in 2019 - with two thirds of patients being Syrian refugees

How did your project team identify these needs?

The Problem and identifying the need: unable to do in house dental panoramic services

In a conventional first visit, the dentist checks the patient's oral and dental health and requests a panoramic x-ray to obtain a comprehensive view.

Because we do not have a Dental Panoramic X Ray at our centre, patients are referred to a private Lab and Diagnostic unit. Due to the high cost of their panoramic services, patients are not doing the requested panoramic X ray imaging and are postponing treatments, even when they are in pain. Having a panoramic X ray machine within our premises would solve this issue and will provide affordable, accessible, reliable and accurate dental care to our patients.

On the following visits, and after each dental procedure, the dentist needs to check if the specific tooth has been properly repaired. This is done by an intra-oral small X Ray applied inside the mouth of the patient. One of our two existing intra-oral small X Ray machine is very old (produced in 2002) and needs to be replaced for the following reasons:

- LAEC rules and regulation: all X-ray systems should be replaced maximum after 20 years from the production date.
- Patient & staff safety.

if Dose control: the radiation amount given by the new intra-oral X ray is much less than the old one, hence the patients and staff are exposed to less radiation

if Image quality: the quality of the images given by the new intra-oral X ray is much higher, hence less repetition of images and less exposure is needed.

In addition to the Intra-Oral X ray machines, we need to install digital sensors (RGV) on the two intra-oral X ray systems for the following reasons:

if Better Image quality

if Better diagnosis of diseases

if Less radiation dose exposure

if Avoid repetition

if Less time required for positioning

if Images can be archived & recalled in an efficient and digital way.

So we will improve the Oral Hygiene and the Dental through installing the following machines:

1) Dental Panoramic Digital X Ray (qty:1)

2) Intra Oral Dental X Ray (qty:1)

3) Digital sensors on the two Intra Oral Dental X rays (qty:2)

How were members of the benefiting community involved in finding solutions?

Members of the benefiting community asked for assistance to be able to treat their dental and oral health issues at low cost. We are not able to provide the complete treatment because of the lack of machines (Panoramic X Ray machine and intra oral X Ray machines) and lack or needed raw materials and the necessary support for dental specialists (dentists and dental assistant staff)

How were community members involved in planning the project?

By asking for an additional support to receive dental health coverage and dental care.

Oral Hygiene and Dental care is essential in keeping people in our community healthy. However, healthcare in Lebanon is privatised and expensive. The Karagheusian Centre serves families who do not have the funds

to access emergency medical treatment or to meet the cost of care, for example drugs, for chronic conditions. Neither the Lebanese Ministry of Public Health nor the United Nations Aid Agencies will cover the cost of dental care. As a result, patients either have to pay - or go without treatment. Vulnerable and needy cases are unable to cover the treatment of their oral hygiene and dental care which makes them deprived from having proper and complete health care. Therefore, this project will reduce the out of pocket cost for dental care per patient.

Project implementation

Summarize each step of your project’s implementation.

Do not include sensitive personal data, such as government ID numbers, religion, race, health information, etc. If you include personal data, you are responsible for informing those whose personal data is included that you are providing it to Rotary and that it will be processed in accordance with Rotary’s [Privacy Policy](#).

#	Activity	Duration
1	Purchase of Equipment	6 months

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

Yes

Briefly describe the other initiatives and how they relate to this project.

Embrace the Middle East, and the medical centre work with other groups including governments, nonprofit organizations, and private companies whenever it is possible and advantageous to our patients.

Please describe the training, community outreach, or educational programs this project will include.

Besides providing dental care treatment at the centre, the organization has outreach programmes to students at their schools. This service is provided to around 5,000 students at 15 schools in the neighbourhood. We have found out that 80% of these students need dental support and most of them are unable to afford the costs.

How were these needs identified?

These will be identified through the school health outreach program that Enbrace already do targeting 5,000 students at 15 schools in the neighborhood.

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

Preventive and educative campaigns,
Free oral hygiene and dental care

List any community members or community groups that will oversee the continuation of the project after grant-funded activities conclude.

The Cedars Rotary Club, Beirut, along with Embrace the Middle East.

Budget

Will you purchase budget items from local vendors?

Yes

Explain the process you used to select vendors.

The centre obtained quotations and will conduct a check costing prior to placing the order.

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.

The Organization outsources the maintenance of our medical equipment through a local company called EMMS (Engineering and maintenance company) <https://emms-online.com/> and we continue working with them where the company does preventive and restoration maintenance policies for all of the medical equipment including the dental unit too.

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

The Organization will include these dental medical equipment into the EMMS maintenance plan in the coming future.

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.

Yes, the dental equipment are culturally appropriate as we are buying from the local vendor.

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.

The Howard Karagheusian Primary Healthcare Centre will own the equipment

Funding

Does your project involve microcredit activities?

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

Yes

Please describe this funding source.

The organization will continue to maintain through our regular funding sources that mainly comes from the headquarters of the organization located in New York City (www.thkcc.org)

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

No

Supporting Documents

- Panoramic_Dental_X-Ray_Quotation_Embrace_the_Middle_East_Rotary_Club_Bid_3_5_2019.pdf

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	
Gary Banger	Harrow	1130	Authorized	Authorized on 21/11/2020
Rami Sarkis	Beirut-Cedars	2452	Authorized	Authorized on 21/11/2020

District Rotary Foundation chair authorization

Name	Club	District	Status	
Robert Morris	Golders Green	1130	Authorized	Authorized on 21/11/2020
Michel Jazzar	Kesrouan	2452	Authorized	Authorized on 21/11/2020

DDF authorization

Name	Club	District	Status	
Robert Morris	Golders Green	1130	Authorized	Authorized on 21/11/2020
Francis Uwaechi	E-Club of London Centenary	1130	Authorized	Authorized on 22/11/2020
Christoph Kuhnen	Lünen-Werne	1900	Authorized	Authorized on 23/11/2020
Anke Schewe	Essen-Gruga	1900	Authorized	Authorized on 22/11/2020
Jeffrey Brennan	Mill Creek	5030	Authorized	Authorized on 21/11/2020
Catherine Gibson	Seattle	5030	Authorized	Authorized on 21/11/2020
Michel Jazzar	Kesrouan	2452	Authorized	Authorized on 21/11/2020
Mazen Alumran	Manama	2452	Authorized	Authorized on 24/11/2020

Legal agreement

Name	Club	District	Status	
Hagop Dantzigian	Beirut-Cedars	2452	Accepted	Accepted on 21/11/2020
John Newby	Harrow	1130	Accepted	Accepted on 21/11/2020