



Illinois Peruvian American  
Medical Society  
ILPAMS

**MEDICAL CAMPAIGN**  
**PREVENTION, DIAGNOSIS AND TREATMENT OF PULMONARY TBC AND ANEMIA**

San Cosme is one of the oldest Human Settlements in Peru and it is located in La Victoria district in Lima, Peru. At the moment it is the urban space with the highest incidence of Pulmonary Tuberculosis in the country and one of the biggest ones in the world.

It is considered an endemic area due to the very poor socioeconomic conditions, overcrowding, malnourishment and the low level of education in the area. Nowadays there are 1,347 with pulmonary TBC for every 100,000 which means that every week there are 6 new cases diagnosed of pulmonary TBC.

This area has a total population of 7,188 habitants (of which 3,675 are men and 3,5013 are women) and most of the population is dedicated to the commerce, manufacture and transportation services.



Malnourishment, and specifically Anemia, is one of the biggest problems in Peru and in San Cosme due to the poor condition in which they live, the low levels of education and the access to a balanced diet. Approximately one fourth of the population has less than 15 years old and most of them live with moderate to severe malnourishment.

The area that will be attended by the Medical Campaign has complete access to light and partial access to water (most of which is not drinkable water). Since they have trouble preparing their own food due to the poor conditions in which the houses live, San Cosme has a few community dinning rooms where thy prepare and serve food to most of the families in the district. The area where we will place the medical campaign is served by the “Comedor Madre Teresa de Calcuta” but unfortunately they have trouble accessing water and the infrastructure is very damaged.

The community of San Cosme does not have an easy access to health services. The main health center where they reach out for medical service is the “Margarita Vargas” Social Security local clinic. Even though there are two local clinics, access and health insurance is complicated and it is why they suffer from medical problems.

In San Cosme there is a big problem with domestic violence, delinquency and drug addiction but unfortunately they do not count with a Rehabilitation Center or Program for alcoholism, drug addiction or domestic violence. There are also no domestic violence prevention programs. Even though there are a lot of social and health issues in San Cosme we believe that Health Education, Prevention and Promotion is one of the main targets of this medical campaign, especially with Pulmonary TBC and Anemia.

### **CAMPAIGN INFORMATION**

**PLACE:** San Cosme, La Victoria

**DATES:** September 12 to September 16, 2019

**TARGET POPULATION:** Adults and children from San Cosme (Target 600 people)

### **OBJECTIVES:**

- Educate the population on how to prevent iron deficiency anemia and its treatments (pharmacological and non-pharmacological).
- Educate the population on how to identify the main signs and symptoms of Pulmonary TBC, how to prevent it, when to seek for medical attention and how to treat the infection.
- Educate the population on the prevention and treatment of gastrointestinal parasite infections.
- Provide free Iron deficiency Anemia Screening to adults and children.
- Provide Iron deficiency Anemia treatment to adults and children with anemia.
- Provide free Pulmonary TBC screening to the population that presents with respiratory symptoms with sputum BK.
- Provide free parasitological stool sample exam to the symptomatic population.

GOALS	QUANTITY
Educated population on Iron deficiency Anemia prevention and treatment	600
Educated population on Pulmonary TBC main signs and symptoms, prevention and treatment	600
Educated population on prevention and treatment of gastrointestinal parasite infections	600
Iron deficiency Anemia screening	600
Iron deficiency Anemia treatment	350
Pulmonary TBC screening to population with respiratory symptoms	350
Parasitological stool sample exam to symptomatic population	350

		ORGANIZATION
1. Event Organization	1.1 Campaign stations distribution 1.2 Campaign publicity within the population 1.3 Chairs, tables and tents 1.4 Snacks/lunch for the doctors and volunteers 1.5 Transport budget for the doctors, volunteers, lab technicians 1.6 Safety and biosecurity measurments (N95 respirator, gloves, face masks, etc) 1.7 Extra materials (cotton, tape, flashlight, etc)	S/ 700.00
2. Education on iron deficiency Anemia, Pulmonary TBC and Gastrointestinal parasitological infections	2.1 Prepare presentations with visual aid (power point) 2.2 Projector and laptop for the presentations 2.3 Define who is going to talk in each presentation 2.4 Design and printing of flyers	S/300.00
3. Screening for Iron deficiency Anemia to children and adults.	3.1 Make a list to register all the patients with Anemia detected by the peripheral hemoglobinometer. 3.2 Define who is going to take blood samples.	
4. Provide treatment for population with iron deficiency anemia.	4.1 Define the doctors and/or volunteers that will provide the medications for the patients with anemia. 4.2 Make standard medical prescriptions so the doctors can make this process faster. 4.3 Make a list to register all the patients that receive treatment for anemia.	
5. Screening for Pulmonary TBC with 2 samples of sputum BK to the populations with respiratory symptoms	5.1 Make a list of all the patients that will be tested with sputum BK. 5.2 Define the lab technicians that will recollect and process de sputum sample. 5.3 Determine which day we will give the results to the population. 5.4 Make a list of all the patients that tested positive por sputum BK.	
6. Screening with parasitological stool sample exam to the symptomatic population.	6.1 Make a list of all the patients that will be sampled for parasitological exam. 6.2 Define the lab technicians that will recollect and process de stool sample. 6.3 Determine which day we will give the results to the population.	
	TOTAL	S/1000.00

**ORGANIZATION:**

- The health campaign will be held by ILPAMS in agreement with de Local Police Department of San Cosme (Social work program)
- Security for the medical campaign will be provided by the Local Police Department of San Cosme

**PHOTOGRAPHS**

**1. Local Police Department: Comisaria San Cosme**





## 2. “Comedor Madre Teresa de Calcuta”



### 3. Location of the campaign



**COSTS FOR MEDICAL CAMPAIGN**

<b>Name</b>	<b>Quantity</b>	<b>Single Price</b>	<b>Total Price</b>
Peripheral hemoglobinometer	01	S/340.00	S/340.00
Box of Reactive Strips	20	S/80.00	S/1600.00
Ferrous Sulfate 180 mL	100	S/4.5.00	S/450.00
Ferrous Sulfate 300 mg Box - Tab x 100	150	S/10.00	S/1500.00
Bacilloscopy screening (350 patients)	350	S/10.00	S/3500.00
Parasitologic Exam (350 patients)	350	S/5.00	S/1750.00
<b>Total</b>			<b>S/9140.00</b>

**FINAL COST:**

**COST FOR ORGANIZATION (S/1000.00) + COST FOR MEDICAL CAMPAIGN (S/9140.00) = S/10140.00**



**Extra Information:**

**Hotel Ibis Lima Larco Miraflores (Include Breakfast)**

From the 12th sep. 2019 to 17th sep. 2019

\$285.00 aprox per person

**Hotel Lexus Lima Angamos Miraflores (Include Breakfast)**

From the 12th sep. 2019 to 17th sep. 2019

\$350.00 aprox Double Room