



Service with Devotion and Valour

ROTARY CLUB OF AKURDI – PUNE

CLUB NO: 74002, DIST.: 3131

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Appeal for donation for Setting up of Dialysis machines at Somatane Phata, Talegaon, Maharashtra, India

Somatane Phata, Talegaon Dabhade, Pune, Maharashtra is the area where we intend to do this project. This place is between Pune and Mumbai. It is about 40 km from Pune city and 20 km from Pimpri Chinchwad, where our club is located and 80 km from Panvel.

This area is surrounded by many rural villages. Villagers from nearby hilly area come to this place for weekly/monthly household purchases as well as for government, bank, medical or business purposes. Somatane Phata is connected by road and rail to the nearby city. Villages are connected by road but inadequate public transport.

Talegaon and adjacent area including villages covers approx 0.2 million population. This area is moderately industrialized but there is lack of civic and medical facilities. There are local government bodies like Grampanchayat (Village Council), Zilla Parishad (District secretariat) but they do not have adequate resources and infrastructure to cater to the needy patients. Most of the people are either farmers or work in the factories for their livelihood.

People living in this area need medical facilities. We identified one such for dialysis. As there is increase in the Diabetes in recent years requirement of dialysis has gone up drastically. Cost of the machines are unaffordable to the local medicos. As well as it needs specially trained staff and an emergency Intensive Care Unit attached to the centre.

Patients are travelling to nearby cities like Pune from their villages for the treatment. They have to travel 20-50 kms depending upon their location and it takes almost one complete day to have the treatment. Per trip they spend almost 5-10 USD on travelling.

This area already has 4 machines but are inadequate so patients are travelling to nearby city which are already heavily booked.

Poor patients tend to skip the treatment either for cost of treatment, cost of travel, non availability of accompanying family member, non availability of machine, or sometimes non availability of transport facility to go to city. This results in further deterioration of health of the patient. Hepatitis B/C patients are compulsorily travelling to city for the treatment as they are not allowed on the local machines where other patients take treatment. In association with the local Doctors it was identified that at least 2 machines to be installed, one for Hepatitis B/C positive patients and another for regular

patients. Again we are not addressing requirement for HIV positive patients as hospitals in this area are not adequately trained for this disease. Once we successfully install and run this centre in next phase we can take up to cater to these patients also.

These machines will be installed at Pawana Hospital, Somatane Phata, Talegaon and run by a charitable trust. Dr Satyajit Wadhokar runs this hospital for last 15 years and is assisted by Dr Siddhesh Dhaygude (Nephrologists). This is 100 bed hospital with ICU and adequate facilities for emergency situations. They already have 2 machines installed for last one year. These machines are used for admitted patients and partly for outside regular patients. We intend to increase the capacity by double and give 2 new machines, one for Hepatitis B/C positive patients, who are send back due to unavailability of separate machine and other machine for normal patients. Poor and needy patients will be getting subsidized cost of treatment. We expect 24 patients to get benefitted per month with frequency of 2 dialysis per week. Rotary club members will scrutinize such patients for their income group and genuineness, who apply for treatment and qualified patients will be given priority in treatment. Cost of the treatment will be mutually decided with Hospital on no loss no profit basis. It will be known as Rotary Dialysis Centre. Hospital will support this activity by giving designated room, furniture, staff and maintenance. There is a necessity of increase in capacity of R.O system which will be done by Hospital and no cost to Rotary.

We intend to give dialyser and tubing for 100 cycles of dialysis. Those patients who require lifelong haemodialysis as chronic renal replacement therapy (CRRT) will require surgical procedure for "AV-(Arterio Venous)Fistula" which is helpful during every dialysis. This procedure is done by vascular surgeon. This surgery will be done with subsidized rates for 25 needy patients who require this procedure. This will further reduce the cost of treatment to poor and needy patients.

This activity will be carried with focus on DISEASE PREVENTION AND TREATMENT of Rotary.

We shall be providing dialysis machines for treatment to the patients at subsidized cost. This will beneficial as long travel is avoided. Patients can regularly take the treatment. This will stop further deterioration of health of patient.

By installing these machines patients from this area will no longer be required to travel to far distances and will get subsidized rates for treatment. By getting the subsidized treatment patients and their family will be no longer required to bother about finances.

For Rotary it will be an excellent PR in that area as well as new avenue will open for service and cooperation.

<u>Cost of the Project is</u>	<u>Rs 1650000, i.e. USD 30555</u>	
Cost of 2 machines	Rs 1300000	USD 24074
Cost of Dialyser and tubing (for 100 patients)	Rs 100000	USD 1851
Subsidy for Fitsula surgery (for 25 patients)	Rs 250000	USD 4630

**Subsidized Cost of treatment per patient per dialysis is Rs 900 i.e. USD 16.66.
This comes to almost 25-30% discount to current prevailing rates. To be finalised**

Club contribution USD 5500

Considering life of machine @10 years, 80% uptime, 12 hours daily, one day maintenance, 21600 cycles of dialysis will be performed so total saving of Rs 64.8 lacs as per today's cost.

Project By : Rotary Club of Akurdi – Pune , (Club no 74002) Dist 3131

Project site : Pawana Hospital, Somatane Phata, Talegaon Dabhade, Pune, Maharashtra, INDIA