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All donations will be acknowledged immediately.

Project Director, Dialysis Unit

St. John's Hospital, Kattappana, Kerala 685 515

India, Tel. 04868-272230, 273230,274230

E. mail: stjohnskpna@gmail.com

Web site: www.stjohnhospitalkattappana.com



You can be part of this noble mission of providing dialysis free of cost by:

1. Sponsoring a patient for life time or for a certain period of time.
2. Sponsoring one or more dialysis procedures
3. Donating a fixed amount on monthly basis.
4. Donating any amount, however small , according to your capacity

Sponsorship Schemes

Lifetime sponsorship for a patient: Rs. 5,00,000/-

Annual sponsorship for a patientRs. 75,000/-

Monthly Sponsorship for a patientRs. 6,000/-

Sponsorship for one dialysis Rs. 600/-

Donations may be sent by

1. Fund transfer to SB Account

A/C No. 352802010014670, IFSC Code: UBIN0535281,

2. Cheque or DD drawn in favour of Project Director, Dialysis Unit, St. John's Hospital Kattappana 685515 Payable at Kattappana, Idukki, Kerala and sent along with the filled in form attached.

3. Donations from abroad may kindly be transferd to our Union Bank of India A/C No. 352802011100101, IFSC Code: UBIN0535281,



Haemodialysis Unit

**St. John's Hospital
Kattappana**



St. John's Hospital , established on 8th December, 1968 by Rev. Bro. Fortunatus Thanhausar, following the foot steps of St. John of God, stands as a beacon of hope for the people of the High Ranges of Idukki district, Kerala, India in the area of health care.

St. John of God Haemodialysis Unit

Considering the increasing number of patients with kidney diseases requiring haemodialysis and their difficulties in getting it done, a hemodialysis unit was started on 29th October 2009 at St. John's Hospital in association with the Rotary Club, Kattappana Heritage. The Unit has been started to provide this service free of cost as many of the patients are too poor to afford the cost of this procedure.



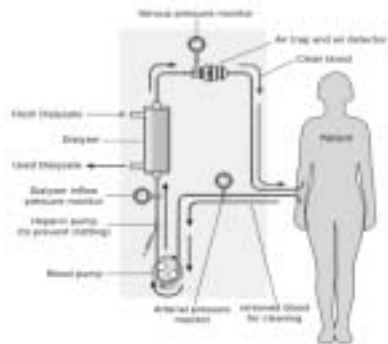
What is Hemodialysis?

In medicine, dialysis is primarily used to provide an artificial replacement for lost kidney function due to renal failure. It is a treatment that removes waste products such as potassium and urea, as well as free water from the blood. It can allow individuals to live productive and useful lives, even though their kidneys no longer work adequately.

In hemodialysis, the patient's blood is pumped through the blood compartment of a dialyzer, exposing it to a semipermeable membrane. The cleansed blood is then returned via the circuit back to the body.



A Patient undergoing hemodialysis at St. John's Hospital, Kattappana



Schematic of a hemodialysis circuit



Inauguration of the Hemodialysis Unit, Mar Mathew Arackal, Bishop of Kanjirappally Diocese.

When do patients require dialysis?

Patients usually require dialysis when the waste products in their body become so high that they start to become sick from them. The two major blood chemical levels that are measured are the "creatinine level" and the "[blood urea nitrogen](#)" (BUN) level. As these two levels rise, they are indicators of the decreasing ability of the kidneys to cleanse the body of waste products

What does the patient do during dialysis?

The treatment of hemodialysis takes place in a hemodialysis unit. Before treatment, the patients' weight is checked and then a bed is assigned. The area of the graft or fistula is cleaned thoroughly. Two needles are then inserted into the graft or fistula. One takes the blood to the machine where it is cleansed. The other needle allows blood that is returning to go back into the patient's body.

The treatment lasts from 2 ½ to 4 ½ hours. During this time, the dialysis staff check the patient's blood pressure frequently and adjust the dialysis machine to ensure that the proper amount of fluid is being removed from the patient's body.

Dialysis treatment is initiated and managed by specialized staff made up of nurses and technicians.

HOW CAN YOU HELP?

In order to provide dialysis service free of cost/ or at an affordable cost to the patients, we are seeking financial support from individuals, Corporate sponsors and Charitable Trusts.

Our aim is to raise sufficient funds to get the Dialysis Project running. In summary, this will involve the following steps:

1. Extending the present dialysis to help more and more needy patients
2. Improvement of the existing dialysis treatment facilities
3. To conduct Dialysis training course