



KANKU KENYA LTD

WATER, CHEMICAL & ENERGY SPECIALISTS

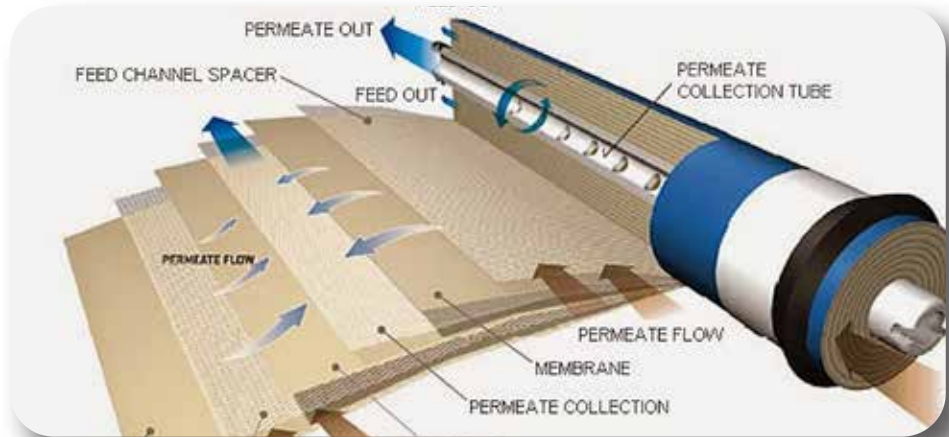
MEDICAL DIALYSIS WATER TREATMENT



WHAT IS REVERSE OSMOSIS

Reverse Osmosis Technology employs the difference in osmotic pressure to enable separation between water molecules and inorganic compounds present as impurities in the water. A comprehensive water treatment system is vital for hemodialysis. Water, mixed with dialysate concentrate should not contain even a trace amount of mineral contaminants or bacterial endotoxins.

Treatment employs various stages of filtration and adsorption technologies. Treated water is then mixed with dialysate concentrate. This causes an increase in conductivity. The conductivity of dialysis solution is continuously monitored to ensure that the water and dialysate concentrate are being mixed in the proper proportions.



PROJECTS & CASE STUDIES

Kanku Kenya has already successfully installed a number of these treatment plants to be used as a pre-treatment stage for the water to be used as input into the Dialysis Machines. Our machines are specially designed for optimal conditions to maintain treated water parameters and at the same time, keeping client cost down of utility requirements and wastewater rejection. Provided correct input parameters are maintained, our plants are able to meet the requirements for Dialysis Water as set by Association for the Advancement of Medical Instrumentation (AAMI) Hemodialysis Water Quality.



ADVANTAGES OF KANKU KENYA

- Cost Effective (better affordability than expensive Imported Plants)
- Improved performance with in-house Design, Fabrication and Installation
- Locally formulated & stocked consumable chemicals & spares
- Quick turnaround times and after-sales services
- Local presence in the East Africa Region

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