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KARNATAKA MEDICAL COLLEGE & RESEARCH INSTITUTE HUBBALLI-580022

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SI No	NAME OF THE EQUIPMENTS	QTY.	APPROX. COST/per unit	REMARKS
01	HDF (Hemodia filtration )	01	14.00.000/-	<p><b>Set to universal HD blood tubing set, can be use for HD and HDF</b></p> <p>Colour monitor, TFT Display, rotatable ,Standard Size, Touch screen for easy handling</p> <p>Optical Status light clearly indicates the treatment status</p> <p>Profile for Sodium, Bicarbonate, Heparin, Ultrafiltration; Dialysate Temperature &amp; Dialysate flow Possible with Single pump click clack method</p> <p>Audio and Visual alarms for Blood pump stop, Blood leak, Safety air detector, Conductivity, Temperature, Dialysate flow, By pass, disinfection canister empty, TMP alarm, Concentrate can empty alarm, air leak alarm Automatic running of program at approx. 85°C/ 1400 ml/min Citric acid 50% disinfection CE and Fda</p> <p>Allowing the user to set up reminders and to-do tasks</p> <p>Optional advanced hemodiafiltration (HDF) and hemodialysis (HD) treatments, technologies like AutoFlow and EcoFlow.</p> <p><b>Key Technical Specifications &amp; Features</b></p> <p><b>Display:</b> Standard size rotatable TFT LCD touchscreen</p> <p><b>Blood Flow Range Q:</b> 30-600 mL/min</p> <p><b>Dialysate Flow Q:</b> 0-1000 mL/min</p> <p><b>Ultrafiltration Rate:</b> 0-4000 mL/h</p> <p><b>Power Supply:</b> 100-240 V AC, 47-63 Hz</p> <p><b>ONLINE HDF:</b> Offers ONLINE HDF therapy, improving the removal of middle molecules and enhancing anemia control.</p> <p><b>AutoSub plus:</b> Automatically maximizes substitution volumes for HighVolumeHDF.</p> <p><b>Online Clearance Monitor (OCM):</b> Provides continuous, real-time monitoring of dialysis efficiency (Kt/V).</p> <p><b>Blood Temperature Monitor (BTM):</b> Controls core body temperature to enhance hemodynamic stability.</p> <p><b>VAM (Venous Access Monitoring):</b> Detects small drops in pressure to identify needle dislodgement early.</p> <p><b>Operational &amp; Safety Systems</b></p> <p><b>AutoFlow/EcoFlow:</b> Automatically adjusts dialysate flow based on blood flow, saving up to 28% of dialysis</p>

  
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				<p>fluid.</p> <p><b>ONLINEplus:</b> Produces sterile, endotoxin-free, and bicarbonate-buffered substitution fluid.</p> <p><b>Bibag System:</b> One-handed connection for dry bicarbonate concentrate.</p> <p><b>Data Management:</b> Includes Therapy Data Management System (TDMS) for secure, comprehensive documentation:</p> <p><b>Battery :</b>30-60min battery backup</p>
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