

Shanti Bhavan Medical Center

Biru, Jharkhand, India

Funding Needs



We Care,



He Heals

Urgent Needs

1. Boundary Wall around the hospital property

Cost: \$850,000

In India any land (even owned) can be taken by the government at any time if there is not boundary wall around it. Our organization owns property around the hospital that is intended for the Nursing school and other projects. We need a boundary wall built around the land so that the government can't recover the land.



2. Magnetic Resonance Imaging Device

Cost: \$300,000

Magnetic resonance imaging (MRI) is a medical imaging technique used in radiology to form pictures of the anatomy and the physiological processes of the body in both health and disease. MRI scanners use strong magnetic fields, radio waves, and field gradients to generate images of the organs in the body.



3. Kidney Stone Lipotripor

Cost: \$200,000

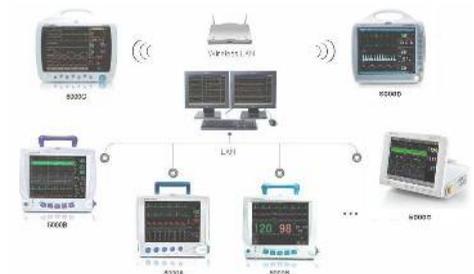
Kidney Stone Lipotripor Extracorporeal Shock Wave Lithotripsy (ESWL) is the least invasive surgical stone treatment using high frequency sound waves from an external source (outside the body) to break up kidney stones into smaller pieces, and allow them to pass out through the urinary tract.



4. Central Patient Monitoring System

Cost: \$28,000

Central Patient Monitoring System- A full-featured system that provides comprehensive patient monitoring and review. Monitors up to 32 patients using two displays and is ideal for telemetry, critical care, OR, emergency room, and other monitoring environments. Provides data storage and review capabilities, and ensures a complete patient record by facilitating automated patient and data transfer between multiple departments.



5. ABG Machine

Cost: \$25,000

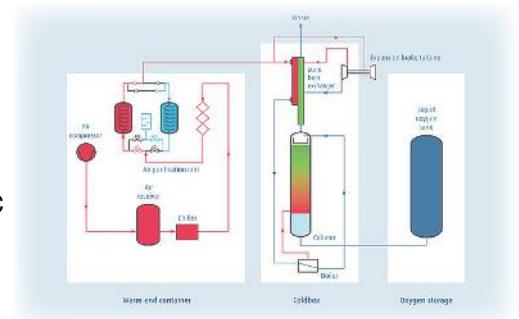
ABG machine- An arterial blood gas test (ABG) is a blood gas test of blood taken from an artery that measures the amounts of certain gases (such as oxygen and carbon dioxide) dissolved in arterial blood. An ABG test measures the blood gas tension values of the arterial partial pressure of oxygen, and the arterial partial pressure of carbon dioxide, and the blood's pH. In addition, the arterial oxygen saturation can be determined. Such information is vital when caring for patients with critical illness or respiratory disease. Therefore, the ABG test is one of the most common tests performed on patients in intensive care units.



6. Oxygen Plant

Cost: \$24,000

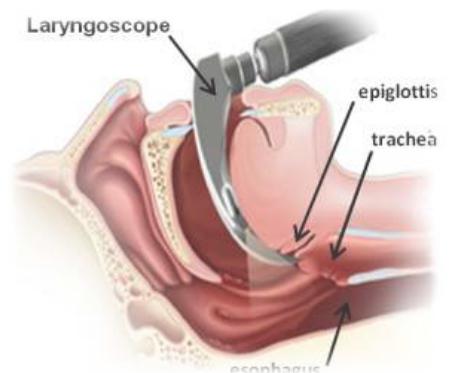
Oxygen Plant- Industrial systems designed to generate oxygen. They typically use air as a feedstock and separate it from other components of air using pressure swing adsorption or membrane separation techniques. Such plants are distinct from cryogenic separation plants which separate and capture all the components of air.



7. Laryngoscope with Video Components

Cost: \$24,000

Laryngoscope- Laryngoscopy is endoscopy of the larynx, a part of the throat. It is a medical procedure that is used to obtain a view, for example, of the vocal folds and the glottis. Laryngoscopy may be performed to facilitate tracheal intubation during general anaesthesia or cardiopulmonary resuscitation or for surgical procedures on the larynx or other parts of the upper tracheobronchial tree.



8. Glidescope with Multiuse Blades

Cost: \$24,000

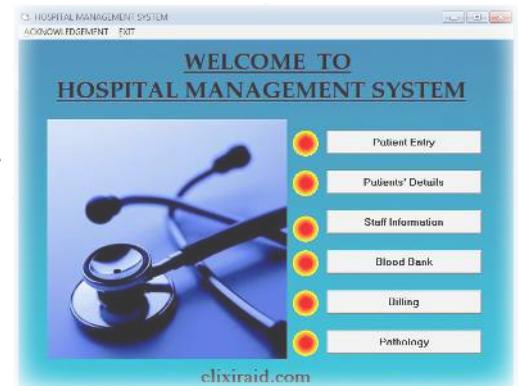
The GlideScope AVL video laryngoscope system delivers the digital video technology and functionality physicians expect from advanced video laryngoscopy—available in single use configurations. When users need to get a tube placed quickly, they can count on the AVL to provide a consistently clear, real-time view of the airway, enabling quick intubation.



9. Hospital Management Software System

Cost: \$24,000

Hospital Management System Software-Focuses on the administrative needs of hospitals and offer an integrated form of software to manage all the aspects of hospital management such as medical administration, finance billing and other corresponding process of services.



10. Defibrillator Monitor, External Pacemaker, Anesthesiology Management Console

Cost: \$13,000

Defibrillator monitor- Early defibrillation is a critical component in treating cardiac arrest. We offer monitor/defibrillators to meet the needs of trained rescuers, first responders, and hospital professionals. A pacemaker wire is placed into a vein, under sterile conditions, and then passed into either the right atrium or right ventricle. The pacing wire is then connected to an external pacemaker outside the body.



11. Blood Warmers

Cost: \$7,000

Blood warmer- A fluid warmer is a medical device used in healthcare facilities for warming fluids, crystalloid, colloid, or blood product, prior to being administered (intravenously or by other parenteral routes) to body temperature levels in order to prevent hypothermia in physically traumatized or surgical patients.



12. Reverse Osmosis Plant

Cost: \$6,500

A reverse osmosis plant is a manufacturing plant where the process of reverse osmosis takes place. An average modern reverse osmosis plant needs six kilowatt-hours of electricity to desalinate one cubic metre of water. The process also results in an amount of salty briny waste.



13. Air-Entraining Venturi Mask

Cost: \$6,500

Entraining venture mask- The venturi mask, also known as an air-entrainment mask, is a medical device to deliver a known oxygen concentration to patients on controlled oxygen therapy. The mask was invented by Moran Campbell at McMaster University Medical School as a replacement for intermittent oxygen treatment, a practice he described as "bringing a drowning man to the surface- occasionally".



14. Electrical Vibrator for Chest Physiotherapy

Cost: \$6,000

A vibrator apparatus for treating patients having obstructive pulmonary disorders. Reciprocating motion is imparted to the member supporting the pad at a high frequency of about 3200 to about 8500 strokes per minute by a drive system comprising a flexible shaft driven by an electric motor and a cam arrangement driven by the flexible shaft and coupled to the pad supporting member.



15. Electrical Air Entraining Nebulizer

Cost: \$4,700

If you have asthma, your doctor may prescribe a nebulizer as treatment or breathing therapy. The device delivers the same types of medication as metered-dose inhalers (MDIs), which are the familiar pocket-sized inhalers. Nebulizers may be easier to use than MDIs, especially for children who aren't old enough to properly use inhalers, or adults with severe asthma.



16. Sigmoidoscopy scope

Cost: \$4,000

A sigmoidoscopy, also called a flexible sigmoidoscopy, is a procedure that lets your doctor look inside your sigmoid colon by using a flexible tube with a light on it. It helps your doctor check for: ulcers. abnormal cells. polyps.



Future Needs

1. Expansion of SMC-Phase II

Cost: \$20,000,000

Construction to expand hospital from 125 beds to 325 beds by building an extension building next to main hospital.



2. Equip 200 bed extension

Cost: \$10,000,000

Purchase of all furniture, medical equipment and supplies to outfit expansion to 325 beds.



3. Nursing School Basic Construction

Cost: \$1,500,000

Construction for School of Nursing-An educational institution, or part thereof, providing education and training to become a fully qualified nurse and these nurses will be able to train and work at SMC.



4. Campus Auditorium

Cost: \$400,000

Auditorium for the campus of SMC to hold conferences, meetings, and services.



5. Laying of Road to Nurses' Quarters

Cost: \$24,000

Laying the foundation and road for the nurses' quarters and school of nursing.



6. Library for Nursing School

Cost: \$24,000

Library Resources for nursing education



7. Central Store

Cost: \$8,000

Store to help better control inventory. Includes shelves, partitions, storage racks and etc.

