

JAHU ROTARY CLUB

BRAZIL – DISTRICT 4480

PROJECT:

**EQUIPMENT ACQUISITION FOR HEMODIALYSIS SERVICE OF
SANTA CASA DE JAHU**

WORK PLAN OF THE INSTITUTION

I - INTRODUCTION

A) BRIEF HISTORY OF THE INSTITUTION

The Santa Casa de Jaú, was founded on July 9, 1893, being with 124 years of activities in medical-hospital care, is a private non-profit, charitable and philanthropic entity. The Hospital is located in Jaú, a town located in the Center-West of São Paulo, known as the city of Women's Shoes. The estimated population is 146,338 inhabitants (Source: IBGE 2017).

The city of Jaú is inserted on the Regional Department of Health of Bauru DRS VI, in the Inter Regional Managers Commission - CIR JAU formed by 12 (twelve) cities: Bariri, Barra Bonita, Bocaina, Boraceia, Brotas, Dois Córregos, Igarapu do Tiete, Itaju, Itapuí, Jaú, Mineiros do Tietê and Torrinha totaling 346,431 inhabitants (Source: IBGE, 2017).

In recent years, Santa Casa de Jahu has modernized part of its physical structure and acquired new high-tech equipment and has also aims at excellence in the skilled workforce and the technological resources available.

The institution is classified as Reference Hospital in its region, in addition to being a reference in the High Complexity in Neurosurgery and Orthopedics, as well as inserted in the systems of attendance the urgencies and emergencies

Mission: the objective of contributing to the reorganization of physical, moral and psychological of patients in a humane environment professionally.

b) Characteristics of the Institution: Non-profit private philanthropic hospital. General Hospital, High Complexity in Neurosurgery and Trauma / Orthopedics and Medium Complexity. Currently, there are 276 registered beds at CNES, of which 183 beds are intended for Health Unic System (SUS) users. The beds are distributed according to the table below:

SPECIALTY	NUMBER OF BEDS	NUMBER OF BEDS (SUS)
GENERAL SURGERY	55	39
GENERAL CLINIC	94	60
OBSTETRICS SURGICAL	18	10
CLINICAL OBSTETRICS	26	14
CLINICAL PEDIATRICS	26	21
SURGICAL PEDIATRICS	9	06
NEONATAL ICU - TYPE II	7	05
PEDIATRIC UTI - TYPE II	6	04

UTI ADULT - TYPE II	35	24
TOTAL	276	183

SOURCE: CNES

SECTORS OF INTERNATION:

Clinic Medical / Surgical / Obstetric and Pediatric, Maternity, intensive care unit Adult, Infant and Neonatal.

SECTORS OF ATTENTION:

Emergency Room, Intensive Care Unit Adult, Infant, Neonatal, Maternity, Surgical Hospitalization, Clinical and Pediatric. Hospital Infection Control Service Outpatient Clinic, Anesthesiology Clinic, Physiotherapy, Nephrology, Orthopedics, Neurosurgery, Ophthalmology, Gynecology, General Surgery, Sleep Clinic and High Risk Gestation.

SECTORS OF SUPPORT DIAGNOSIS AND TREATMENT:

Electrocardiogram, Digestive Endoscopy, Unit of Physiotherapy, Renal Renal Therapy, Lithotripsy, Computed Tomography, Radiology, Clinical Pathology, Echocardiogram, Anatomopathology, Maxillofacial Facial, Bone Densitometry, Electroencephalogram, Phototherapy, Hemotherapy, Ultrasonography, Bronchoscopy .

NUMBER of EMPLOYEES: 1349 Support / Nursing / Technical / Administrative staff (Source: Personal Department).

Physicians of the institution: 238 physicians in the clinical body: Anesthesiology, Buco Maxillo Facial, Cardiology, Cardiovascular, General Surgery, Pediatric Surgery, Plastic Surgery, Thoracic Surgery, Urology, Vascular, General Practice, Dermatology, Endocrinology, Gastroenterology, Gynecology, Hematology, Infectology , Neurosurgery, Neurology, Obstetrics, Ophthalmology, Orthopedics, Otorhinolaryngology, Pediatrics, Pneumology, Proctology, Psychiatry, Rheumatology (Source: CNES 2018/03).

PRODUCTION X GOALS (HOSPITALAR)

Beds / Specialty	Production 2017	Monthly Average	Target
Surgical	4124	343	266
Obstetric	2062	172	146
Clinical	4387	365	280
Pediatric	1451	121	147
TOTAL			839

Source: Tabwin – SIA/SUS 2017

PRODUCTION X GOALS (AMBULATORIAL)

Group of Procedures	Production 2017	Monthly Average	Target
02 Diagnostic Procedures	312.536	26.045	25.218
03 Clinical Procedures	272.183	22.682	10.816
04 Surgical Procedures	1838	154	157
TOTAL	586.557	48.881	36.185

Source: Tabwin – SIA/SUS 2017

II - REGISTRATION INFORMATION

a) Institution

Company Name: IRMANDADE DE MISERICÓRDIA DO JAHU			
CNPJ: 50.753.631/0001-50		CNESS: 2791722	
Main Economic Activity - Hospital care, emergency room and urgent care units			
Adress: RUA RIACHUELO, 1073 – CENTRO.			
City: JAHU			UF: SP
Zip Code 17201-340	DDD/Telephone (14) 3602-3270	E-mail provedoria@santacasajau.com.br	
Bank 001	Agency 3369-3	account 5289-2	Place of Payment Jaú

b) Responsible

Responsible for the Institution: Antonio Luiz Cremasco			
CPF: 266.582.328-49		RG: 5.292.208-X	
Position: Acting Provider			
Address: Rua das Palmeiras 471 – Jd. Alvorada			
City: Jaú			UF: SP
CEP: 17210-120		Telephone: (14) 3602-3270	
Clinical Director: Dr. Sílvio Fernando Alonso			

<i>CPF: 072.203.628-03</i>	<i>RG: 7.710.349 Órgão Expedidor: SSP / SP</i>
<i>Cargo: Orthopedic Physician</i>	<i>Função: Clinical Director</i>
<i>Address: Rua Riachuelo, 1073 – Centro</i>	
<i>City: Jaú</i>	<i>UF: SP</i>
<i>CEP: 17201-340</i>	<i>Telephone: (14) 3622-5755</i>

III - QUALIFICATION OF THE PROJECT

a) **Project Name:** Equipment Acquisition for Hemodialysis Service of Santa Casa de Jahu.

b) **General objective:** To increase the number of hemodialysis vacancies for patients with renal replacement therapy for Jaú and region.

c) **Specific Objective of the Project:** To provide the opportunity of the dialysis therapy to the patients and quality at the ambulatory level (dialysis center) and hospital.

d) **Target:** Patients with renal insufficiency who require dialysis therapy, benefiting the city of Jau and region (approximately 350,000 inhabitants)

e) **Rationale:** The request aims at the acquisition of 4 sets of hemodialysis, in which 3 sets dialysis machine + patient-specific chair in dialysis therapy and 1 set dialysis machine + water treatment for hospital hemodialysis (ICU) for the care of critically ill patients. In view of the quantity, complexity of the services provided and the increasing demand for hemodialysis services, the Nephrology Service of Santa Casa de Jahu (Dialysis and Hospital Dialysis Center) is the only unit for the city of Jaú and region (12 municipalities with population of around 350,000). Usually we do not have vacancies for the new patients in the dialysis center due to high demand, either outpatient (we currently have approximately 50 patients with end-stage renal failure who will sooner or later require dialytic therapy) or spontaneous that comes from the service of emergency. In many situations patients who need dialysis therapy are hospitalized for months at the institution waiting for a place in the dialysis center. New vacancies for hemodialysis treatment only appear after renal transplantation or death. We currently have 140 patients on regular dialysis 3 times a week at the dialysis center and a varying number of patients on dialysis at the Hospital. The new equipment aims to increase the number of hemodialysis vacancies and improve the technological structure of the sector, ensuring more patient safety by the use of more modern equipment, since some of the existing equipment in the hospital are old and have constant defects. We sought constant improvements in the care offered to patients in the city and region, with improvements in the training of human resources, technology and services. The hospital was recently recognized and awarded by the State Transplant System, winning the "Effective Death Death Efficacy Notifications" award. The Hospital Sterilization Center

was also awarded by the multinational 3M in the "3M Program Certification of Good Practices in Assured Quality of Cleaning and Sterilization".

f) **Costs:** We show below the cost budget sheet obtained in the month of November 2018 for the acquisition of hemodialysis machines, portable water treatment and armchairs for the dialysis center. Once the project has an execution program in which the credit to be realized in the account of the benefited entity will require period of time that corresponds to a predefined process, we understand that the values presented below can be changed through the conditions of supply in the time of the execution of the purchase process and may be changed with increase or decrease. The budget below represents an estimate, and the entity can work with more suppliers thus obtaining a greater variety of proposals. In this way at the present time we consider the value of BRL 270.000,00, around USD 68,000 at the current exchange rate.

Item	Description of Equipment	Unit	Company	Unit Value (USD)	Amount (USD)
1	Hemodiálise 4008-S-V10 220v machine	4	Fresenius Medical Care	13.397,00	53.588,00
2	Aquauno Abrandador-110v	1	Fresenius Medical Care	13.503,00	13.503,00
3	Armchair VLT-517	3	TECN CIIN	4.432,80	1.157,00
Total				R\$ 270,253,72	USD 68.248,00

g) Expected results: the results will have a direct influence on the increase in the number of patients benefiting from dialysis therapy and on the safety of the procedure.

h) Methodology for evaluating the results: increase in hospital assets; accounts containing photos of the equipment, invoice of purchase and number of the product purchased

Jaú 2018/12/03

Dr. Marcos
Nephrology Service Coordinator