



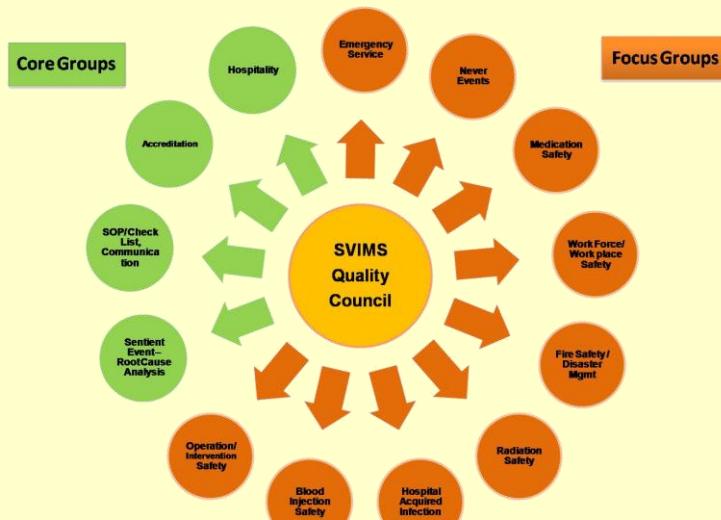
# Sri Venkateswara Institute of Medical Sciences (SVIMS), Tirupati

## Quality & Patient Safety

It is envisaged to transform SVIMS into a “High Reliability Organization” and an “Accountable Health System”. Towards that path of transformation & global repute, the new Director / Vice Chancellor Dr. T.S.Ravikumar, on behalf of the institute, has laid out a road-map of value based health care. A major step towards this value proposition is emphasis on quality and patient safety as drivers of health system performance. To drive the performance, a programme of **SVIMS Quality Council (SQC)** is commissioned by the Director for iterative self improvement. Cataloguing, reporting, analyzing and learning from errors has become the lynchpin for quality improvement in health care.

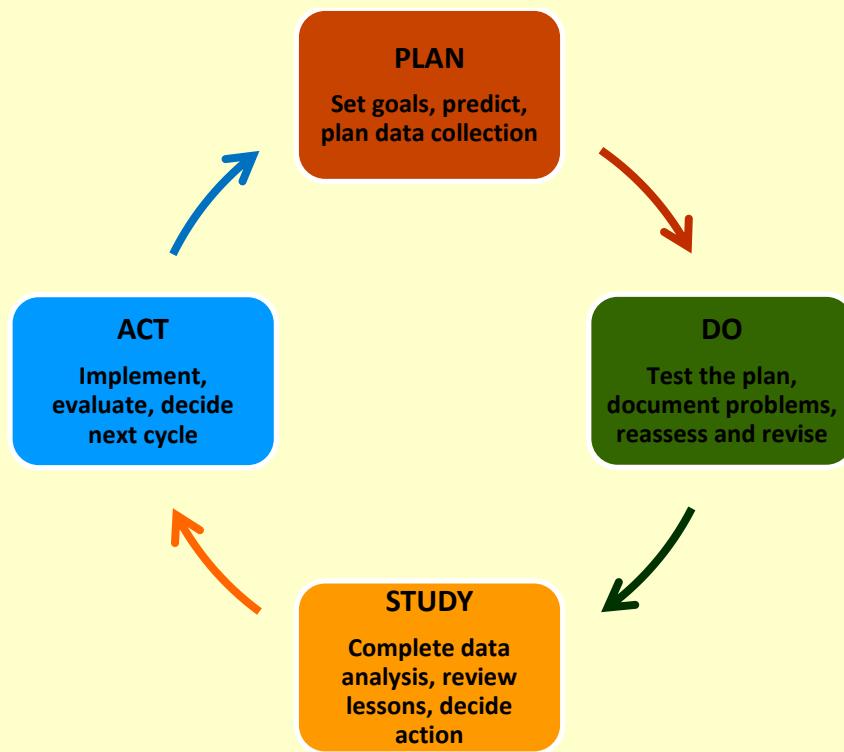
The **SQC** planning process resulted in the formation of nine focus groups and four core groups of workforce consisting of Doctors, Nurses, Administrators, Allied health staff and various other types of employees representing all segments of health system. The focus groups were formed to address: Emergency services, Never events, Medication safety, workforce/workplace safety, fire safety / disaster management, Radiation safety, Hospital Acquired Infections, Blood / injection safety and operating room / interventional areas safety. The four core groups will find sustainable solutions through – Root cause analysis of sentinel events, check lists / communications, accreditations and hospitality services.

### Domains of SVIMS Quality Council



The groups will work, on monthly deliverables and share barriers / successes, so as to find culturally competent and substantively sound sustainable solutions. The ultimate goal is to deliver “**Right Care**, to the **Right Patient** by the **Right Teams** in the **Right Place** at the **Right Time.... Every Time**”.

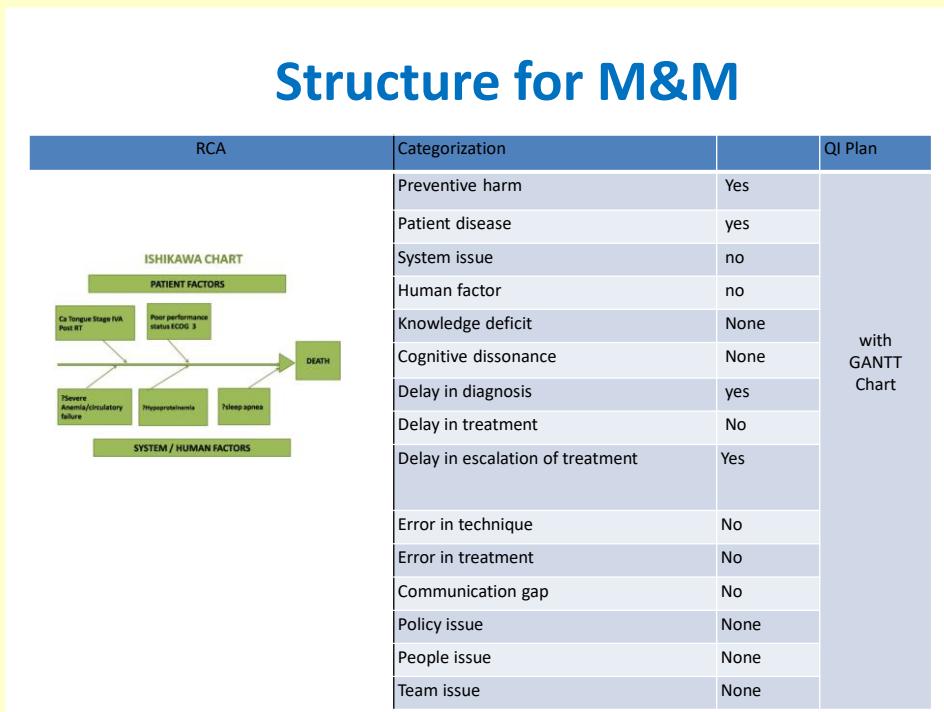
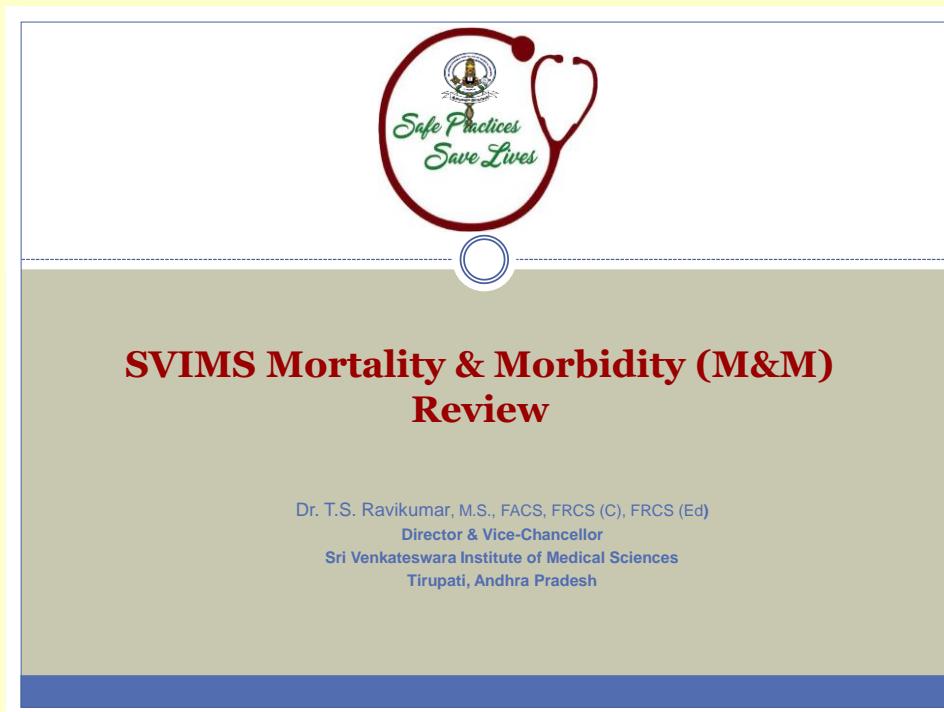
### PDSA Cycle for Quality Improvement



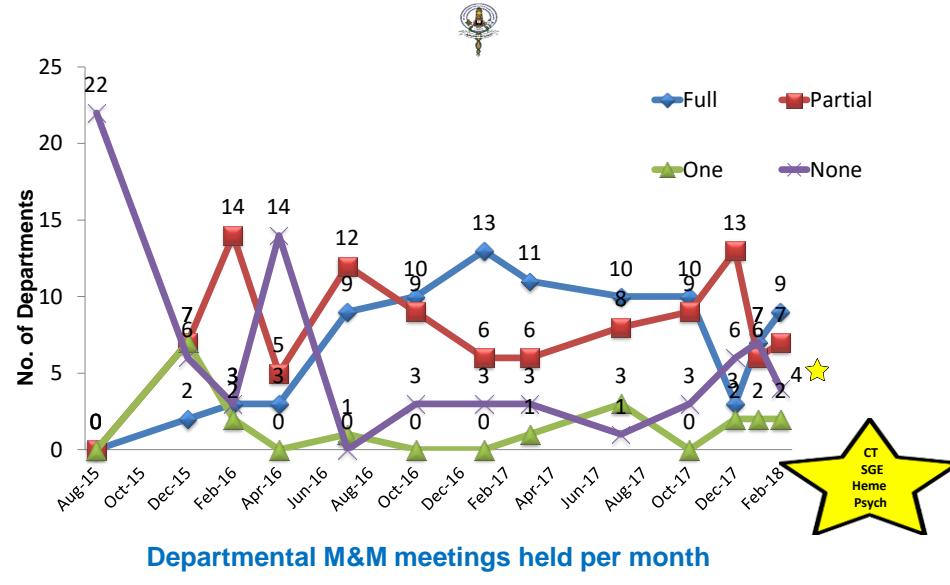
A modified PDSA (Plan, Do, Study, Act) cycle for quality improvement process will be followed, strengthened by Rapid Cycle, Bidirectional Learning from SQC monthly meetings. Tools of Trade and Analytics will be tailored to establish a robust process of attainable goals.

## Tools of Trade

### a) Structural Mortality & Morbidity (M&M) Review

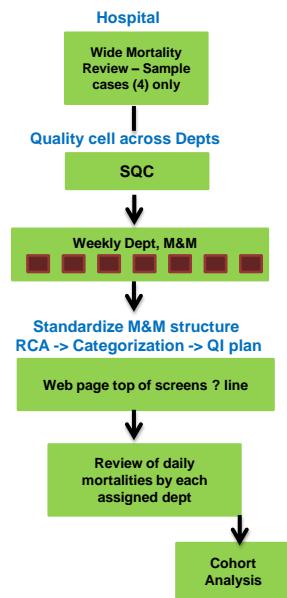


# Weekly Departmental M&M Statistics



## SVIMS Mortality & Morbidity (M&M) Review “Safe Practices Save Lives”

- Until 2015
  - monthly/ Bimonthly hospital wide mortality meetings
    - 4 cases presented (2 medical/ 2 surgical)
- December 2015
  - SVIMS Quality Council (SQC) formed. RCA, patient safety education & categorization of root causes started in practice.
  - Order for weekly department-wide M&M; promulgated:
- April 2016
  - Structure for M&M defined: RCA → categorization of contributing factors → QI plan
- July 2016:
  - Voluntary public reporting of quality/patient safety metrics in website
- June 2017:
  - Daily mortality review with assignments to responsible departments for immediate review & remedial actions.
- January 2018:
  - Monthly analysis of death cohorts: Pranadana cases; NTRVSS cases for further “systems redesign” & “Human factor engineering”.



**b) Development of Tools & Analytics**

Tools of Trade	Analytics (Pre and Post intervention)
<ul style="list-style-type: none"><li>➤ Check lists, SOPs</li><li>➤ Rounding tool</li><li>➤ Structured hand offs</li><li>➤ Structured communication tools</li><li>➤ Real case studies/ Scenarios</li><li>➤ Simulation models</li><li>➤ Root cause analysis models</li></ul> <ul style="list-style-type: none"><li>➤ Hospital patient safety survey</li><li>➤ Staff competence, knowledge and satisfaction questionnaires</li><li>➤ Mutual performance assessment</li><li>➤ Measurable patient related outcomes</li><li>➤ Patient and care taker's feedback forms</li></ul>	

**c) Root Cause Analysis in Health Care: Tools and Techniques , FIFTH EDITION, Joint Commission Resources, Joint Commission International**

<https://www.jcrinc.com/assets/1/14/EBRCA15Sample.pdf>

In addition to outlining its unique Quality & Patient Safety initiative through ‘SQC’, SVIMS took a major step on June 12<sup>th</sup> 2016, coinciding with the visit of Hon’ble Health Minister, Dr. Kamineni Srinivas garu, in declaring its accountability & transparency in quality improvement and patient-centered care by announcing voluntary public reporting in four domains on 7/12/16 to start with, and reporting of many other areas to follow sequentially.

The five areas were:

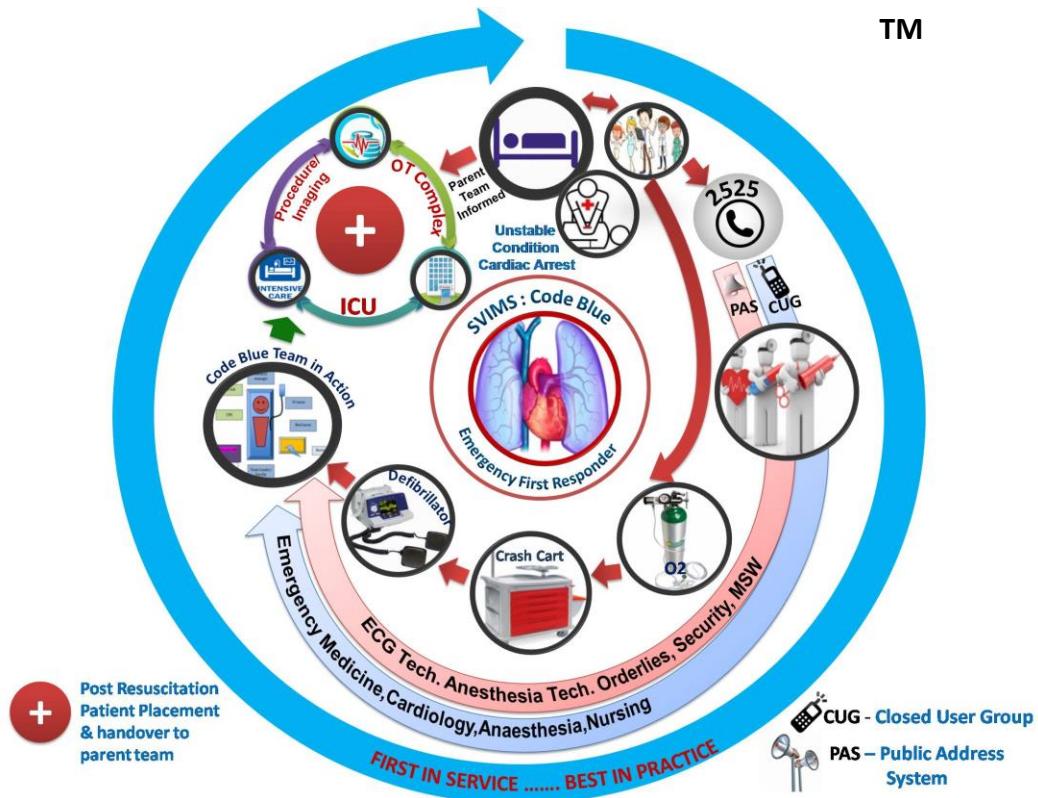
- 1. Code Blue**
- 2. Never Events**
- 3. Healthcare Associated Infections**
- 4. Biomedical Equipment List and Performance Report**

**On 14.08.2017 in keeping with 71<sup>st</sup> independence day initiatives and coinciding again with Hon’ble Health Minister, Dr. Kamineni Srinivas garu’s visit to SVIMS, an additional domain unveiled : Total Hospital Mortality trended over time.**

- 5. Mortality Rate: a) Net Death Rate (NDR) b) Gross Death Rate (GDR)**

# SVIMS CODE BLUE

It is well recognized that preventable deaths occur in hospitals due to 'failure to rescue' a patient with deteriorating condition. When cardiopulmonary arrest or acute deterioration of condition occurs, appropriate resources need to be summoned to resuscitate & rescue the patient. This concept is codified in 'CODE BLUE'. Code blue teams are in existence for many years in health systems of developed countries, but need emphasis in India. Accordingly, under the leadership of SVIMS Director a working group was formed and **CODE BLUE** is launched in June to establish the process. It is formally unveiled on **12-7-2016** by the **Hon'ble Health Minister**.



TM Application for registration of trademark for the logo is submitted and accordingly, unauthorized reproduction of the logo is prohibited.

Code Blue is a comprehensive process design for emergency responder team and response process to rescue patients and other personnel in the hospital premises. When the person sustains cardio pulmonary arrest or experiences sudden deterioration on physiologic condition it codifies the afferent limb of recruiting the necessary personnel and equipments and medicines as well as the efferent limb of the response and post – response management.

Code Blue has been evolved for integration of all the stakeholders i.e., Emergency physician, Cardiologist, Anaesthetist, Emergency Nurse, ICU physician, Orderly for transportation, Pharmacist, as well as Nurse Manager, security officer, Medico Social Worker and Telephone Operator while attending to an emergency situation. Necessary resuscitation medicines, gadgets, including defibrillator will be made available with alacrity. Resuscitation training is imparted to all first responders.

Code Blue may be initiated from any in patient or out patient service areas of the hospital by dialing 2525 in the intercom. The 2525 call is only for code blue to mobilize emergency responder team and not for other calls.

The process and outcomes will be monitored regularly for iterative improvement.

#### **Code BLUE call list from June 2016 to May 2018**

<b>Month</b>	<b>Total calls</b>	<b>Repeat calls</b>	<b>Survived</b>	<b>Death</b>
<b>June 2016</b>	33	04	06	23
<b>July 2016</b>	58	03	12	43
<b>August 2016</b>	35	02	08	25
<b>September 2016</b>	33	08	03	22
<b>October 2016</b>	33	03	06	24
<b>November 2016</b>	28	01	03	24
<b>December 2016</b>	39	03	07	29
<b>January 2017</b>	41	03	05	33
<b>Febraury 2017</b>	39	03	06	30
<b>March 2017</b>	36	01	05	30
<b>April 2017</b>	46	10	02	34

<b>Month</b>	<b>Total calls</b>	<b>Repeat calls</b>	<b>Survived</b>	<b>Death</b>
<b>May 2017</b>	43	05	05	33
<b>June 2017</b>	34	03	05	26
<b>July 2017</b>	41	01	06	34
<b>August 2017</b>	49	05	04	40
<b>September 2017</b>	45	06	02	37
<b>October 2017</b>	67	09	12	46
<b>November 2017</b>	69	06	12	51
<b>December 2017</b>	53	08	14	39
<b>January 2018</b>	45	09	06	30
<b>February 2018</b>	49	08	07	34
<b>March 2018</b>	65	09	11	45
<b>April 2018</b>	46	07	18	28
<b>May 2018</b>	61	03	08	50
<b>Total</b>	<b>1088</b>	<b>120</b>	<b>173</b>	<b>810</b>

\*\*\*\*

**SVIMS**

# NEVER EVENTS

First introduced in 2001, the term ‘Never Events’ refers to shocking, egregious, unambiguous and measurable **events that should never occur in healthcare**. During the last 15 years, a list of such highly serious adverse events have been catalogued in many countries. These events result in death or significant disability and are preventable. SVIMS has started measuring each of these ‘Never Events’ and has put in place safety parameters to mitigate any harm with the goal to eliminate them. Thus, SVIMS become the First Health Care System in India, to voluntarily report safety record, towards continuous quality improvement. Never Events indicate fundamental safety problems within an organization or system. They are grouped into 7 categories SVIMS will choose one from each of these groupings as outlined above & will methodically put in place safety measures to eliminate them:

	Never Event Category	Indicator	
		Description	Benchmark
i.	Care Management Events	Stage 3 & 4 Decubitus ulcer during hospital	0
ii.	Administration of drug or biological	Mismatched Blood Transfusion with serious harm.	0
iii.	Radiological Events	Metallic object in MRI suite causing injury	0
iv.	Environmental Events	Falls in hospital premises with serious injury	1
v.	Procedure Events	Wrong site/wrong patient procedure	0
vi.	Device Events	Foreign object unintentionally left inside body during surgery	0
vii.	Patient Protection Events	Misidentification or missing baby	0

On 12-07-2016, Hon'ble Health Minister, Dr. Kamineni Srinivas garu unveiled SVIMS Website reporting of **one such never event, namely stage 3 / 4 Decubitus Ulcer**. On 9-12-2016, to coincide with “**World Patient Safety Day**”, Director-cum-Vc of SVIMS Dr.T.S.Ravi Kumar unveiled (‘go live’) the full spectrum of Seven Never Events listed, under the banner ‘**Serious Seven**’.

## NEVER EVENTS

### i. Decubitus Ulcer - stage 3 / 4

Decubitus Ulcer is also known as Pressure sore/bed sore. Since the monitoring started in September 2015 after the arrival of the new Director and **during the period Sep 2015 to Feb' 2018, no stage 3 / 4 Decubitus Ulcer has developed in any patient as a result of stay at SVIMS.**

Even though only stage 3 and 4 Decubitus Ulcer are considered as never events, at SVIMS nursing section has started following all patients for the identification and corrective measures for stage 1 and stage 2 Decubitus Ulcer in order to prevent them progressing to stage 3 or 4. It is to be noted that stage 2 ulcers are observed only in patients who are transferred in with decubitus ulcers and no patients at SVIMS developed any stage 2 ulcers.

#### DECUBITUS ULCERS REPORT STAGE 1 (Sept'15 to May'18)

Month	Ulcers Developed at			Inpatients	
	SVIMS	Outside	Total	ICU Total	Hospital Total
Sept,15	5	13	18	388	2002
Oct,15	5	2	7	495	2539
Nov,15	1	0	1	397	1937
Dec,15	4	7	11	408	1999
Jan,16	9	9	18	521	2496
Feb,16	5	8	13	425	2085
Mar,16	3	3	6	451	2102
Apr,16	9	5	14	430	2100
May,16	2	7	9	410	2126
June ,16	1	6	7	431	2010
July,16	6	8	14	493	2860
Aug,16	2	4	6	466	2271
Sept,16	6	8	14	623	3121
Oct, 16	1	5	6	485	2484
Nov,16	4	8	12	464	2329
Dec,16	3	11	14	601	2973
Jan,17	6	14	20	499	2288
Feb,17	5	8	13	529	2573
Mar,17	6	8	14	634	3215
April,17	3	6	9	535	2594
May,17	5	6	11	525	2528
June,17	9	10	19	629	3142
July,17	4	7	11	520	2608
Aug,17	2	4	6	554	2539
Sep,17	4	6	10	690	3069
Oct,17	4	7	11	531	2581

Month	Ulcers Developed at			Inpatients	
	SVIMS	Outside	Total	ICU Total	Hospital Total
Nov,17	2	2	4	558	2557
Dec, 17	2	7	9	545	2547
Jan'18	6	8	14	523	2325
Feb'18	13	6	19	516	2553
Mar'18	4	3	7	671	3103
Apr'18	6	8	14	512	2455
May'18	2	6	8	584	2652
<b>Total</b>	<b>149</b>	<b>220</b>	<b>369</b>	<b>17043</b>	<b>82763</b>

**SRI VENKATESWARA INSTITUTE OF MEDICAL SCIENCES::TIRUPATI  
DEPARTMENT OF NURSING**

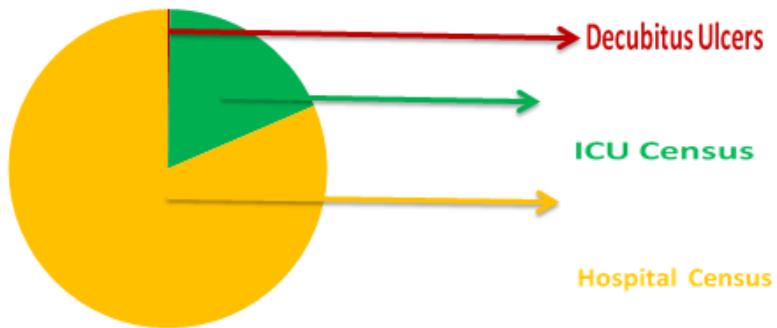
**DECUBITUS ULCERS REPORT ( From Jan, 18 to May 2018)**

**Stage III-** Full thickness destruction through dermis into subcutaneous tissue

**Stage IV-** Deep tissue destruction through subcutaneous tissue to fascia, muscle, bone

**NEVER EVENTS Incidence : NONE (0 / 10436 patients) From Jan to May 2018**

**Jan,2018 to May , 2018**



<b>Note :</b>	<b>Total Hospital Census :</b>	<b>13088</b>	
	<b>ICU patients</b>	<b>2806</b>	<b>21.43%</b>
	<b>Decubitus ulcer incidence :</b>		
	<b>Stage 1 &amp; 2 : Developed at SVIMS</b>	<b>25</b>	<b>0.19%</b>
	<b>Present on Admission</b>	<b>31</b>	<b>0.42%</b>
	<b>Stage 3 &amp; 4: NEVER EVENTS</b>		

**No Stage 3 or 4 , No NEVER EVENTS.**

## **ii. Mismatched Blood Transfusions causing serious harm**

### **Protocol for Prevention of Mismatched Blood Transfusion**

#### **1. SCOPE & APPLICATION**

**Never events are serious medical errors or adverse events that should never happen to a patient. Consequences include both patient harm and increased cost to the institution.** Technicians and nurses provide a critical role in preventing never events through risk anticipation and adoption of evidence-based practice. Mismatched blood transfusion is one of the never events which should never happen in a hospital

#### **2. RESPONSIBILITY**

- Staff nurse in donor section to correctly label the blood bag.
- The technician on duty in Red Cell Laboratory to correctly receive the blood sample and to issue the blood for which requisition is received.
- The staff concerned in the ward/OT to correctly label the sample and to transfuse the blood unit.

#### **3. REFERENCE**

- Technical Manual, Directorate General for Health Services-2<sup>nd</sup> edition
- Model standard operating procedures for blood transfusion services, WHO
- NACO guidelines 2015

#### **4. PROTOCOL**

##### **Checks at the donor blood collection section**

- Each donor will be given a unique number and once his blood is collected, it is identified by that number only.
- Verify the donor's identity by tallying with the name on the donor card and the donor number.
- Write the segment number of the blood bag on to the donor card as a second check.
- Cross check the numbers on the bag, pilot tubes and donor card to ensure identity. Record the entry in the donor registers using the same number.

##### **Checks while doing blood grouping and typing:**

- One technician should do forward grouping from the segment of the blood bag by correlating the segment number and unique donor number with that entered in the donor card. Enter the results in the donor unit and in the donor cell grouping register.
- Another technician should do reverse grouping from the pilot tubes collected, by identifying the unique donor number. Enter the result in the serum grouping register. Both the forward and reverse grouping result should correlate each other

##### **Checks at the component storage section**

- All untested units should be kept in the unscreened Refrigerator/agitator.
- After testing is over, release the fully tested. Write clearly the unit number, date of collection and expiry and the volume on each colour coded label as per the grouping register records.
- After the bags are labelled, ask a second technician to double check the number and group on the bags tallying them with the records.

### **Checks in the cross matching section:**

- Receive the requisition form along with the patient's blood sample. Check for patient's identity. Name of the patient, UHID number, age and sex should correlate with the blood sample and requisition form. Check the blood group with that of the blood group entered in the request. If there is any discrepancy, check the blood group of the received blood sample. If it correlates with the hospital information system, then ask the concerned ward staff to change in the request before proceeding with the crossmatching.
- If there is no discrepancy between the HIS and the blood group in the request, proceed with the blood grouping of the patient with the currently received sample
- If there is no discrepancy then proceed with the crossmatching. If still discrepancy persists, then the old blood sample might be a wrong sample. Trace back the old details and investigate where the fault is.
- Carry out compatibility testing using departmental SOP. In order to avoid outdated, implement FIFO policy
- The technician who is issuing blood should make entries in the crossmatching form with counter sign from the medical officer.
- Make entries in the issue register and in the request.
- The receiving person should check the blood unit and the crossmatching report from for any discrepancy

### **Checks at the ward/OT:**

- Before administering blood component, FINAL IDENTITY -check of the patient, blood unit compatibility tag and the complete documentation should be done.
- Ask the patient, if conscious, to identify himself/ herself by name, spouse name, age or any other identification.
- If unconscious, ask relatives or any other staff to verify the patient's identity.
- Check that details on the compatibility tag exactly match with the documentation.
- Check the blood unit for any leakage and for any visible discolouration & expiry date
- Two different persons should do the check for patient's identity and the same should be documented.

## **5. DOCUMENTATION**

- Make necessary entries in donor register, grouping register, cross matching register, issue register, incident report register, critical value reporting register, cross matching form, case file.

## **STATISTICS OF WHOLE BLOOD/BLOOD COMPONENTS ISSUES AND NEVER EVENTS**

S.No.	Year	Total No. of Whole Blood/ Blood Components Issued	Never events Record
1.	2014	18,062	Nil
2.	2015	17,109	Nil
3.	2016	17,807	Nil
4.	2017 (upto 15/12/2017)	23,548	1

### iii. Metallic Object in MRI Suite causing injury

#### MRI SAFETY REPORT

The last unexpected event in MRI occurred on 10<sup>th</sup> January 2015 at 2.30 PM where in Oxygen cylinder was pulled in the magnet. However **no patient / personnel injury or hardware loss was suffered. No adverse MRI events during 2016 & 2017 and also Jan & Feb 2018.**

To totally avoid such situation in future following steps are being followed :-

1. Oxygen lines are made available in preparation area
2. Screening at inlet for oxygen cylinders is being done
3. Maintenance of routine duly signed MRI safety check list for all the patients is being done Since from that time no such incident has occurred in our department.

SVIMS MRI SAFETY CHECK LIST		
PATIENT NAME/UHID:	K. Vishnu PR/19	
MRI PART TO BE EXAMINED:	MRI - L-S spine.	
S.No	QUESTION	DATE: 7/12/16 TIME: 8:00 AM
1	Have you had an MRI before	YES* NO*
2	Did you have any difficulty related to the procedure	✓
3	Do you have or have you had a pacemaker, ICD or defibrillator	✓
4	Have you ever worked with grinding metals or had metal fragments in your eyes	
5	Have you ever had a reaction or ill effect from MRI contrast material (gadolinium)	✓
6	Do you have medicine or food allergies	✓
7	Do you have kidney problems or a kidney transplant?	✓
8	Do you have diabetes (high blood sugar)?	✓
9	Is there a possibility that you might be pregnant?	✓
10	Are you currently breastfeeding?	X ✓
11	Aneurysm clips, coil or graft, Vascular stent, coil, clips or clamps	
12	Heart valve replacement	✓
13	Implanted infusion pump, catheter or device	✓
14	Ear surgery/Stapes prosthesis, cochlear implant	✓
15	Eye prosthesis, lens implant, eyelid spring or wire, retinal tack	✓
16	Medication patch (nitro-glycerine, nicotine, hormones)	✓
17	Ingested camera pill for capsule endoscopy	✓
18	Currently wearing a wig, hairpiece, hair pins, magnetic fingernail polish or a body piercing	✓
19	Do you have any wound dressings	✓

**SPECIAL NOTE:CHECK FOR**  
**MRI COMPATIBLE TROLLY**  
**OXYGEN CYLINDER WITH PATIENT**

\*Tick in the column applicable.

SIGNATURE/LTI OF PATIENT: SO AS CONSENT OBTAINED AND INFORMED ABOUT SAFETY	<i>Ladgi@al</i>
SIGNATURE OF MRI TECHNICIAN ON DUTY	<i>yash</i>

sample checklist

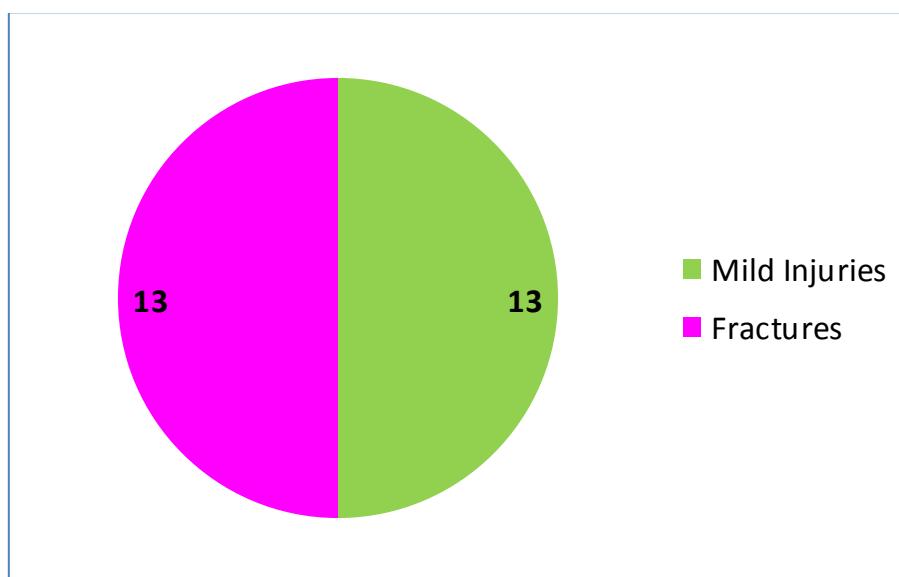
#### **iv. FALLS IN HOSPITAL PREMISES CAUSING SERIOUS INJURY**

##### **Falls from 2015 to 2018**

<b>Year</b>	<b>Falls</b>	<b>Fracture</b>	<b>Mild Injuries</b>
2015 (Nov & Dec)	02	01	01
2016	16	09	07
2017	07	03	04
2018 (upto May)	01	-	01
<b>TOTAL</b>	<b>26</b>	<b>13</b>	<b>13</b>

#### **SRI VENKATESWARA INSTITUTE OF MEDICAL SCIENCES-TIRUPATI DEPARTMENT OF NURSING**

##### **Fall Huddle Report From November, 2015 to May, 2018**



Patients	: 15
Patient Attenders	: 06
Staff	: 04
Student	: 01
<b>Total</b>	<b>: 26</b>

**SRI VENKATESWARA INSTITUTE OF MEDICAL SCIENCES :: TIRUPATI**  
**DEPARTMENT OF NURSING**  
**Fall Huddle Report From November, 2015 to May, 2018**

Month	Fracture	Type of Fracture	Injury	Type of Injury
Nov,15	1	Patella transversa	-	-
Dec,15	-	-	1	Patella swelling & back pain
Jan,16	1	Ulnar bone fracture	1	Mild head injury.
Feb,16	-	-	-	-
Mar,16	1	Lt.humerus fracture	1	Injury over chin.
Apr,16	-	-	1	Injury over Rt.eye brow.
May,16	1	Rt.femur fracture	2	1.Rt.parietal region injury. 2.Mild back pain.
June,16	-	-	1	Injury over occipital region
July,16	1	Lt.femur fracture	-	-
Aug,16	1	Left elbow ulnar region	1	Laceration over occipital region.
Sep,16	2	1.Medical condyle of Lt.humerus. 2.Rt.prosthetic femur	-	-
Oct,16	-	-	-	-
Nov,16	2	1.Lt.distal radial & ulnar fracture. 2.Bilateral fracture calcaneum.	-	-
Dec,16	-	-	-	-
Jan,17	-	-	-	-
Feb,17	-	-	-	-
March,17	1	Rt.temporal bone fracture	-	-
April,17	-	-	-	-
May,17	-	-	1	1.Mild laceration over the frontal region.
June,17	-	-	-	-
July,17	-	-	2	1.Swelling over left arm&occipital region. 2.Swelling over left leg ankle.
Aug,17	-	-	-	-
Sept,17	1	Left tibia fibula fracture	-	-
Oct,17	1	Right femur fracture	-	-
Nov,17	-	-	-	-
Dec,17	-	-	1	Laceration over chin.
Jan,18	-	-	-	-
Feb,18	-	-	1	Meniscus tear.
March,18	-	-	-	-
April, 18	-	-	-	-
May'18	-	-	-	-
<b>TOTAL</b>	<b>13</b>		<b>13</b>	

**SRI VENKATESWARA INSTITUTE OF MEDICAL SCIENCES::TIRUPATI**  
**DEPARTMENT OF NURSING**  
**FALL HUDDLE REPORT ON 1/11/15 TO 31/5/2018**

<b>2015</b>							
<b>S/ No</b>	<b>Name of the Resident</b>	<b>Injury after fall</b>	<b>Diagnosis</b>	<b>Date of fall</b>	<b>Time</b>	<b>Cause of fall</b>	<b>Treatment &amp; status at discharge</b>
<b>1</b>	Patient attender	Patella transverse #	Not Applicable	November ,2015	7.30PM	- Rain water stagnation & pt not taken diet more than 10 hrs	T.Dolo 650, Ranctac, Physiotherapy & shifted to BIRRD OT
<b>2</b>	Staff Nurse	Patella swelling and back pain	N.A	December, 2015	1.15PM	Due to water stagnation	Strict bedrest 14 days, Volini gel, myospase
<b>2016</b>							
<b>3</b>	Fessy worker	Fracture ulnar bone ,	N.A	January, 19 <sup>th</sup> 2016	5.30PM	Slip from trolley while cleaning Roof	POP applied, Immobilisation of hand, vooveran, Rantac, myospase
<b>4</b>	Patient Attender	Head injury	N.A	January, 17 <sup>th</sup> , 2016	12.30pm	Giddiness due to not taken diet	Inj –Rantac, Inj-Diclofenac- 1 Taxim given
<b>5</b>	Patient Attender	Injury over chin 3x2 cms	N.A	March,8 <sup>th</sup> 2016	3.45PM	Phobia regarding hospital instruments	Suturings done, minor dressing,vooveron, antacids
<b>6</b>	Patient	Left humerus #	N.A	March, 22 <sup>nd</sup> 2016	7 AM	Hypertension sudden giddiness	POP applied & shifted to BIRRD
<b>7</b>	Patient	Injury over Rt.eyebrow	Metabolic Encephalopathy	April, 26 <sup>th</sup> 2016	11.45AM	Hypertension sudden giddiness	Suturings done, minor dressing,vooveron, antacids
<b>8</b>	Patient	Rt.parietal region injury	Meningoma	May, 4 <sup>th</sup> 2016	5.30PM	Giddiness,reoccurrence history of fall	Suturings done, minor dressing,vooveron, antacids
<b>9</b>	Patient	Fracture Rt.femur	Dcmp with Afwith FVR	28 <sup>th</sup> , May, 16	10.30pm	Giddiness, vomitings	Skin traction, bird consultation sent plan for sub trachetic extension
<b>10</b>	Patient Attender	Mild back pain	CKD,HTN on MHD	29 <sup>th</sup> , May, 2016	10:45pm	Dizziness	Tab;ultracet;local application of diclo gel
<b>11</b>	Patient	Injury over Lt.fore head	Right occipital infarct in parietal region	9 <sup>th</sup> ,June, 2016	4.00am	Sudden loss of muscle control, paresthesia	Suturings done, minor dressing,vooveron, antacids

S/ No	Name of the Resident	Injury after fall	Diagnosis	Date of fall	Time	Cause of fall	Treatment & status at discharge
12	Patient	Fracture Left femur	Rt.Lung consolidation	7 <sup>th</sup> , July, 2016	7.00am	Obstructed dhothi of patient leads fall	Skin traction with 3kgs of weight
13	Patient Attender	Fracture at Lt.elbow ulnar region	-	August, 20, 2016	12.30pm	Slip while walk	Pop applied on left elbow, Tab. Aceclopara, Tab.Rantac, Tab.Chymoral forte
14	Patient Attender	Injury Occipital region	-	August, 29, 2016	10.30am	Went to wash room for washing cloths, slipped slippers.	Tab. Cefixime 200mg Tab. Aceclopara Inj.T.T IM given.
15	Student	Fracture medical condyle of Lt.humerus	-	September 19th, 2016	2.30pm	Slipped leg	Pop applied Tab. Dolpal Tab. Chymoral forte
16	Staff	Fractured Rt.peri prosthatic femur.	-	September 26th, 2016	9.30am	Slipped leg.	1.Reffered to BIRRD. 2.Rt.LCLCP fixation.
17	Patient attender	Fracture communitated Lt.distal radius & ulnar fracture.	-	5 <sup>th</sup> November ,2016	6.20am	Experienced electrical shock in bath room tap.	
18	Patient	Laceration in parietal region, Calcaneum B/L, D2-L1 fracture.	Pre CRHD, Post op 7 <sup>th</sup> MVR.	9 <sup>th</sup> , November , 2016	8.30pm	Fear about ICU events. She attempt to go outside & unfortunately fell down.	Post op slab applied. Suturing & dressing done.
	<b>2017</b>						
19	Patient	Rt.temporal bone fracture with laceration over lower lip	CKD diabetic nephropathy HTN, DM, HBs AG+ve	11/03/17	At 6.30am	Patient went to bath room for jugular access preparation due to wet area in bath room fell down	-Neurosurgery consultation done. -Tab.Chymoral forte BD -Tab.Ultracet SOS -Tab.Augmentin 625mg

S/ No	Name of the Resident	Injury after fall	Diagnosis	Date of fall	Time	Cause of fall	Treatment & status at discharge
20	Patient	Mild laceration over the left & Right frontal region	CKD	17/05/17	At 12noon	Patient went to NTRVSS room.101 for approval & the surrounding area was digged and step behind	-Dressing & suffering done over laceration & patient stable and fall injury lacerated.
21	Patient	Swelling over left arm& occipital region	Ca.vagina & retrovirog positive	21/7/17 at	At 6.45am	Patient went to bath room repeatedly due to 3-4 episodes of loose stools. She went to bath room & fall down	-Neurosurgery dressing. -Tab.chymoral forte BD -Tab.Lokome-BD -Tab.Sporolac TID
22	Patient	Swelling over Left ankle	Recurrent ankle pancreatitis	24/7/17	At 1.30am	Patient went to bath room suddenly slip his foot while walking & fell down.	-Inj.Tramodal SOS -Inj.Emset SOS - Gel
23	Patient Attender	Left fibia fibula fracture	NA	27/9/17		Resident while walking through near NTRVSS R.No.101 she wearing slippers, the slippers are slipped .	-Inj.Pan 40mg BD -Inj.Dynapar 40mg IM - BIRR Consultation done -Cost applied over the fracture. -Bed rest.
24	PAtient	Inter trocheonic fracture Rt.femur	Ca.recurrent meningioma Post op excision of tumor (in our Hospital- 2011, March,2017)with Rt.hemiplegia	02/10/17		While going to bathroom with support of assistive device (walker) suddenly he felt slight massive ramp slipped in front of bathroom and fell down.	-Tab.chymoral forte TID -Tab.Ultracet BD -Cap.OMZ 20mg OD -Plan for closed reduction & sllided TID screw fixation.
25	Patient	Laceration over chin	CLD with spleno megaly	23/12/17		While walking slippery foot slipped over floor mat & fell down & he was fasting since night.	-Inj.TT IM given. -Dressing done. -Tab.Ultracent BD, -Patient observe 1/2hrly & not to wear.

2018							
S/ No	Name of the Resident	Injury after fall	Diagnosis	Date of fall	Time	Cause of fall	Treatment & status at discharge
26	Staff	Meniscus tear & swelling.	-	06.02.18	At 9.45pm	The Resident went to washroom for hand washing, after that she returned & while walking she missed step behind the room and unfortunately fell down.	-Orthopaedic consultation. Ortho consultation done. Tab.Chymoral forte TID Tab.Limcee OD Knee support trace. Avoid bending, using steps & speed walk. Advised Medical leave for 3 weeks.

Patients : 15  
 Patient Attenders : 06  
 Staff : 04  
 Student : 01

**TOTAL : 26**

**Corrective Action :**

1. Side rails fixed to all trolleys in EMD and decided to be procured side rails Trolleys in future.
2. Fixed support handles in all toilets
3. Fixed support handles to Ramps.
4. For construction of new bathrooms/toilets anti-skid tiles arranged.
5. Arranged caution boards while mopping the floors.
6. Planning to Education programmes regarding prevention of falls to nursing, physicians, allied health & administrative staff.

## V. Procedure Events & vi) Device Events

In order to prevent wrong site/wrong patient procedure , SVIMS has begun implementation of WHO surgical checklist in all procedure areas. Members of SVIMS quality council (SQC) group assigned this task, will monitor & report data monthly.

Department of Anaesthesiology and Critical care Sri Venkateswara Institute of Medical Sciences University						WHO SURGICAL SAFETY CHECK LIST			
Hand over S/N Ward----- Date----- Time-----	Take over S/N OT----- Date----- Time -----	Hand over S/N/Anaesth Tech. RR----- Date-----Time-----							
<b>BEFORE INDUCTION OF ANAESTHESIA (SIGN IN)</b>									
Patient has confirmed	Yes	No	Relevant Lab result	Yes	No	Anaesthesia safety check list	Yes	No	
Identity			ECG/ECHO/An gio			Known allergy			
Site marked/Not applicable			CXR/CT/MRI			Airway/Aspiration risk			
Consent obtained			Biochemistry			If, yes assistance/equipment available			
Procedure			Haematology			Risk of > 0.5L(>7mL/kg in children) blood loss			
Part preparation done			Microbiology			If, yes IV access and fluid planned			
Denture/Jewellery/contact lenses removed			Xylocaine/Antibiotic test dose given and encircled						
Double hair bun prepared for females			DVT Prophylaxis						
NPO status(write no of hours)			Patient warming system/Need for active warming						
Blood group and cross matching done			Blood and blood product availability						
<b>BEFORE SKIN INCISION (TIME OUT)</b>									
Entire surgical team confirms	Yes	No	Surgeon shares	Nursing /Anaesthesia technician reviews					
Patient's name			Critical/Unexpected step	Sterility , including indicator results					
Surgical procedure to be performed			Expected duration	Equipment Issues					
Surgical site			Expected blood loss	Working suction					
Essential imaging available			Anaesthesiologist shares	Baby tray/Crash cart					
Antibiotic prophylaxis within the last 60 minutes			Anaesthesia plan	Catheter/Tube/Lines					
Antibiotic re-dosing plan			Patient specific concerns	Other concerns					
<b>BEFORE PATIENT LEAVES OPERATING ROOM (SIGN OUT)</b>									
Nurse reviews with Team	Yes	No	Equipment problems that need to be addressed.						
Instrument, sponge and needle counts are correct			Entire team discusses concerns for patient recovery and management						
Specimen labelling									
Name of the procedure recorded									

## **vi. Patient Protection Events**

### **Measures taken in SPMC Hospital to prevent baby abduction**

- Standard Operating Procedures have been developed for security& ward staff in order to prevent baby abduction .
- ID tags tied to the wrist of the mother and baby Immediately after delivery.
- Foot prints of the baby taken in the Case sheet/File immediately after delivery in the case sheet along with signature of responsible patient attender.
- Transfer out/discharge forms developed to transfer the baby with in hospital (Intra hospital) and outside hospital (Inter hospital), also for normal discharge.
- Baby will not be allowed to move outside of the ward without proper transfer out/discharge form and also without responsible attendant along with hospital staff.
- At the time of transfer out/discharge of the baby from the post natal ward/NICU the duty nurse along with doctor on duty and baby mother will sign on the transfer out/discharge slip which will be checked by security at Post natal ward & main entrance along with baby ID tag.
- Security guards at the Post natal ward and main entrance will record the details of the baby along with attendant details at the time of transfer out/discharge.
- CC Camera's were fixed at the entrance of the Post natal ward and at main entrance.

\*\*\*



## Healthcare Associated Infections (HAI)

Between 5% and 10% of patients admitted to hospitals acquire one or more infections, based on reporting data largely from developed countries. In the USA, it is reported that 1 out of every 136 hospital patients becomes seriously ill as a result of acquiring an infection in the hospital. It is estimated that in developing countries (including India) the risk of Healthcare Associated Infections (HAI) is 2 to 20 times higher than in developed countries. In India, indiscriminate use of antibiotics both in community settings and in hospital settings contributes to development of antibiotic resistance. Further there is need for robust reporting of reporting of HAI in India. This 'double-edged-sword' of indiscriminate antibiotic use and lack of reporting of healthcare associated infections needs to be addressed. The Director-cum-Vice Chancellor of SVIMS Dr. T.S.Ravikumar announced that SVIMS is taking a step forward to contribute in containing HAI in India. Adapting international guidelines (eg WHO, CDC) SVIMS is invoking a ten pronged strategy. One key component is 'Antimicrobial Stewardship', which aims to optimize antibiotic use among patients in order to reduce antibiotic resistance, improve patient outcomes and safety and ensure cost effective therapy. Hon'ble Health Minister of Andhra Pradesh, Dr. Kamineni Srinivas garu will release the first edition of

"SVIMS Antimicrobial Stewardship pocket guide" on 12.07.2016. This will be revised 6 monthly and new editions will be released every January and July to inform all health care personnel (doctors, nurses, and allied health staff) of pathogen surveillance, antimicrobial use, infection control measures and outcomes. This programme is jointly monitored by Hospital Infection Control Committee and SVIMS Quality Council.

## Healthcare Associated Infections (HAI): SVIMS Ten Pronged Strategy

	Strategy	Implementation
1	• Reducing Inappropriate Device usage	Education by SQC
2	• Hand hygiene and Barrier precaution	HICC, SQC group
2	• Antimicrobial stewardship	Release pocket guide on 12.07.2016
4	• Leadership support at highest level	Director involvement Engineering AP Health Ministry
5	• Implementing culture of safety	SQC launch
6	• Financial incentives & regulatory oversight	Consideration by AP Health Ministry
7	• System based appropriate protocol and checklist	Ongoing development
8	• Better care of technology	BME monitoring
9	• Public reporting of credible data	Launch 12.07.2016
10	• Partnership	Explore with CDC, WHO

SQC = SVIMS Quality Council

HICC = Hospital Infection Control Committee

BME = Biomedical Engineering

CDC = Center for Disease Control

WHO = World Health Organization



# SVIMS ANTIMICROBIAL STEWARDSHIP POCKET GUIDE Dec 2017

3<sup>rd</sup> Edition

## Editors

Dr T.S.Ravikumar (Director cum VC)

Dr R.Jayaprada

Dr N.Ramakrishna

Dr K.K.Sharma

**Dr. KAMINENI SRINIVAS**

Minister for Health, Medical  
Education & Family Welfare,  
Govt. of Andhra Pradesh  
Hyderabad.



Office Address :  
Room No. 301,  
3rd Floor, J-Block,  
A.P. Secretariat,  
Hyderabad - 500 022.  
Office Telephones Nos. :  
040-23455976  
040-23451135

## Message from Health Minister

It is very timely that Sri Venkateswara Institute of Medical sciences is making strides in controlling Health Care Associated Infections and innovating Antimicrobial Stewardship. Congratulations to the institute and I am proud that my Government will be at the forefront of tackling this emerging healthcare menace of misuse / overuse of antibiotics and drug resistance.

A handwritten signature in black ink, appearing to read "K. Srinivas".

Dr. Kamineni Srinivas garu  
Hon'ble Minister for Health Medical and Family Welfare  
Govt., of Andhra Pradesh

## **Preface**

### **Healthcare Associated Infections (HAI)**

Among patients admitted to hospitals 5%-10% acquire one or more infections, based on reporting data largely from developed countries. It is estimated that in developing countries the risk of HAI is 2 to 20 times higher than in developed countries. In India, indiscriminate use of antibiotics both in community settings and in hospital settings contributes to development of antibiotic resistance. Further there is need for robust reporting of HAI in India. The Director-cum-Vice Chancellor of SVIMS Dr. T.S.Ravikumar announced that SVIMS is taking a step forward to contribute in containing HAI in India. Adapting international guidelines (e.g. WHO, CDC), SVIMS is invoking a ten pronged strategy. One key component is ‘Antimicrobial Stewardship’, which aims to optimize antibiotic use among patients in order to reduce antibiotic resistance, improve patient outcomes and safety and ensure cost effective therapy. This pocket guide of SVIMS Antimicrobial Stewardship (first Edition) is released on 12-7-2016 by Hon’ble Health Minister of Andhra Pradesh, Dr. Kamineni Srinivas garu. This will be revised 6 monthly and new editions will be released every January and July to inform all health care personnel (doctors, nurses, and allied health staff) of pathogen surveillance, antimicrobial use, infection control measures and outcomes. This programme is jointly monitored by Hospital Infection Control Committee and SVIMS Quality Council.

**Dr. T.S.Ravikumar**  
Director cum Vice Chancellor

*From the desk of editors.....*

*Greetings from Infection Control team,*

- Antimicrobial resistance (AMR) results in increased morbidity, mortality, and costs of health care
- Prevention of the emergence of resistance and the dissemination of resistant microorganisms will reduce these adverse effects and their attendant costs.
- Predominant isolates in ICU's were *Klebsiella* followed by *Acinetobacter*, *Escherichia coli* and *Pseudomonas spp.*
- In ICU's empirical choice of antibiotic in our institute is Cefaperazone+sulbactam.
- Based on Gram staining report prophylactic drug of choice for gram negative bacilli is Cefaperazone+sulbactam, and for gram positive bacteria is Linezolid in all ICU's.
- We therefore urge everyone to restrict the use of antimicrobial agents.

**R. Jayaprada**

*Infection Control Officer  
Hospital Infection Control Committee*

**T.S.Ravikumar**

*Director cum Vice Chancellor*

## **INDEX**

- 1. Hand Hygiene-Steps**
- 2. Hand Hygiene Compliance**
- 3. Trends of Multidrug Resistance from July-Dec 2017**
- 4. Rates of Ventilator Associated Pneumonia (VAP), Catheter Associated Urinary tract Infection (CAUTI)**
- 5. Antibiotic policy**
- 6. Surveillance-Critical care area surveillance, Environmental surveillance, Sterility check of Blood bags, Dialysis fluid & Drinking water Zone testing.**
- 7. Biomedical Waste Management**

## Steps of Procedure Hand Washing



**STEP  
1**

Rub palms together.



**STEP  
2**

Rub the back of both hands.



**STEP  
3**

Interlace fingers and rub hands together.



**STEP  
4**

Interlock fingers and rub the back of fingers of both hands



**STEP  
5**

Rub thumb in a rotating manner followed by the area between index finger and thumb for both hands.



**STEP  
6**

Rub fingertips on palm for both hands.



**STEP  
7**

Rub both wrists in a rotating manner. Rinse and dry thoroughly.

Courtesy : WHO/ CDC

### Surgical Hand Wash (3-5mts)



Courtesy : WHO/ CDC

## Greeting each other in Health care



Another dimension  
in Hand Hygiene!

**Spread Goodwill, not Germs**



**Prevent droplet spread  
when coughing, sneezing**

**Dr. T.S.Ravikumar**  
Director cum Vice-Chancellor



**Sri Venkateswara Institute of  
Medical Sciences, Tirupati.**

## Key messages.....

- ✓ Predominant isolates in ICU's were *Klebsiella* followed by *Acinetobacter*, *Escherichia coli* and *Pseudomonas spp.*
- ✓ In ICU's empirical choice of antibiotic in our institute is Cefaperazone+sulbactam.
- ✓ Based on Gram staining report prophylactic drug of choice for gram negative bacilli is Cefaperazone+sulbactam, and for gram positive bacteria is Linezolid in all ICU's.

### Anti Microbial Resistance (AMR) pattern in the month of July (%)

AK-AMIKACIN, CTX-CEFOTAXIME, CFS-CEFAPERAZONE+SULBACTAM, CF-CIPROFLOXACIN, COT-COTRIMAXAZOLE, G-GENTAMICIN, I-IMIPENEM, M-MEROPENEM, PTZ-PIPERACILLIN+TAZOBACTAM, Pb-POLYMICIN-B, CTZ-CEFTAZIDIME

S.No	Organisms	AK	CTX	CFS	CF	COT	G	I	M	PTZ	Pb	CTZ
1	<i>E.coli</i>	19	79	24	91	73	30	10	-	23	1	-
2	<i>Klebsiella spp</i>	48	90	40	85	83	50	2	-	40	4	-
3	<i>Acinetobacter spp</i>	39	100	21	97	71	37	8	-	35	3	-
4	<i>Pseudomonas spp</i>	34	93	43	87	-	60	30	-	44	-	78
5	<i>Enterobacter spp</i>	29	71	43	86	57	29	14	-	50	-	-

**Anti Microbial Resistance (AMR) pattern in the month of August (%)**

S.No	Organisms	AK	CTX	CFS	CF	COT	G	I	M	PTZ	Pb	CTZ
1	<i>E.coli</i>	26	79	30	81	67	32	25	24	25	6	-
2	<i>Klebsiella spp</i>	62	84	58	66	65	58	35	32	48	16	-
3	<i>Acinetobacter spp</i>	69	94	31	90	67	53	53	55	63	12	-
4	<i>Pseudomonas spp</i>	42	89	64	67	-	55	38	51	45	5	87
5	<i>Enterobacter spp</i>	27	87	33	47	47	40	6	40	33	13	-

AK-AMIKACIN, CTX-CEFOTAXIME, CFS-CEFAPERAZONE+SULBACTAM, CF-CIPROFLOXACIN, COT-COTRIMAXAZOLE, G-GENTAMICIN, I-IMIPENEM, M-MEROPENEM, PTZ-PIPERACILLIN+TAZOBACTAM, Pb-POLYMICIN-B, CTZ-CEFTAZIDIME

**Anti Microbial Resistance (AMR) pattern in the month of September (%)**

S.No	Organisms	AK	CTX	CFS	CF	COT	G	I	M	PTZ	Pb	CTZ
1	<i>E.coli</i>	23	76	32	91	72	37	14	33	38	1	-
2	<i>Klebsiella spp</i>	50	75	42	83	81	59	17	40	50	2	-
3	<i>Acinetobacter spp</i>	62	83	25	89	68	63	22	20	65	5	-
4	<i>Pseudomonas spp</i>	44	80	47	82	-	53	25	69	49	2	89
5	<i>Enterobacter spp</i>	50	79	71	57	57	43	14	21	79	-	-

AK-AMIKACIN, CTX-CEFOTAXIME, CFS-CEFAPERAZONE+SULBACTAM, CF-CIPROFLOXACIN, COT-COTRIMAXAZOLE, G-GENTAMICIN, I-IMIPENEM, M-MEROPENEM, PTZ-PIPERACILLIN+TAZOBACTAM, Pb-POLYMICIN-B, CTZ-CEFTAZIDIME

**Anti Microbial Resistance (AMR) pattern in the month of October (%)**

S.No	Organisms	AK	CTX	CFS	CF	COT	G	I	M	PTZ	Pb	CTZ
1	<i>E.coli</i>	28	83	39	88	79	39	38	33	43	1	-
2	<i>Klebsiella spp</i>	42	81	37	80	79	44	55	31	53	1	-
3	<i>Acinetobacter spp</i>	69	85	18	79	57	56	51	11	77	-	-
4	<i>Pseudomonas spp</i>	40	63	40	80	-	49	66	74	34	3	86
5	<i>Enterobacter spp</i>	57	79	50	64	57	71	50	29	57	-	-

AK-AMIKACIN, CTX-CEFOTAXIME, CFS-CEFAPERAZONE+SULBACTAM, CF-CIPROFLOXACIN, COT-COTRIMAXAZOLE, G-GENTAMICIN, I-IMIPENEM, M-MEROPENEM, PTZ-PIPERACILLIN+TAZOBACTAM, Pb-POLYMICIN-B, CTZ-CEFTAZIDIME

**Anti Microbial Resistance (AMR) pattern in the month of November (%)**

S.No	Organisms	AK	CTX	CFS	CF	COT	G	I	M	PTZ	Pb	CTZ
1	<i>E.coli</i>	20	80	27	80	73	27	53	29	35	1	-
2	<i>Klebsiella spp</i>	32	86	32	62	73	38	67	31	49	2	-
3	<i>Acinetobacter spp</i>	63	87	17	72	68	47	72	9	57	2	-
4	<i>Pseudomonas spp</i>	37	72	50	61	-	54	93	69	44	6	81
5	<i>Enterobacter spp</i>	31	77	62	54	62	38	85	15	69	-	-

AK-AMIKACIN, CTX-CEFOTAXIME, CFS-CEFAPERAZONE+SULBACTAM, CF-CIPROFLOXACIN, COT-COTRIMAXAZOLE, G-GENTAMICIN, I-IMIPENEM, M-MEROPENEM, PTZ-PIPERACILLIN+TAZOBACTAM, Pb-POLYMICIN-B, CTZ-CEFTAZIDIME

**Anti Microbial Resistance (AMR) pattern in the month of December (%)**

S.No	Organisms	AK	CTX	CFS	CF	COT	G	I	M	PTZ	Pb	CTZ
1	<i>E.coli</i>	22	83	24	84	70	28	61	41	31	1	-
2	<i>Klebsiella spp</i>	37	76	23	59	73	38	79	30	37	3	-
3	<i>Acinetobacter spp</i>	61	86	27	89	93	64	89	41	70	-	-
4	<i>Pseudomonas spp</i>	28	72	21	77	-	49	91	74	26	-	74
5	<i>Enterobacter spp</i>	50	90	25	60	60	55	85	23	35	-	-

AK-AMIKACIN, CTX-CEFOTAXIME, CFS-CEFAPERAZONE+SULBACTAM, CF-CIPROFLOXACIN, COT-COTRIMAXAZOLE, G-GENTAMICIN, I-IMIPENEM, M-MEROPENEM, PTZ-PIPERACILLIN+TAZOBACTAM, Pb-POLYMICIN-B, CTZ-CEFTAZIDIME.

**Organism wise Anti Microbial Resistance pattern (Gram negative bacilli) (%)**

S.No	Organisms	AK	CFS	CTX	CF	COT	G	I	M	PTZ	Pb	CTZ
1	<i>E.coli(1981)</i>	23	29	80	86	72	32	35	27	33	2	-
2	<i>Klebsiella (594)</i>	44	38	81	72	23	43	47	30	47	4	-
3	<i>Acinetobacter(316)</i>	60	23	88	86	71	55	50	23	65	3	-
4	<i>Pseudomonas(265)</i>	38	46	78	74	-	48	55	61	37	3	83

AK-AMIKACIN, CTX-CEFOTAXIME, CFS-CEFAPERAZONE+SULBACTAM, CF-CIPROFLOXACIN, COT-COTRIMAXAZOLE, G-GENTAMICIN, I-IMIPENEM, M-MEROPENEM, PTZ-PIPERACILLIN+TAZOBACTAM, Pb-POLYMICIN-B, CTZ-CEFTAZIDIME

### Anti Microbial Resistance (AMR) pattern of Isolates in ICU's (%)

S.No	Organisms	AK	CFS	CTX	CF	COT	G	I	M	PTZ	Pb	CTZ
1	<i>E.coli</i> ( 42)	40	50	95	93	76	48	64	45	62	5	-
2	<i>Klebsiella</i> (59 )	58	49	88	83	81	63	58	49	64	10	-
3	<i>Acinetobacter</i> (43)	60	19	98	98	88	56	51	26	63	-	-
4	<i>Pseudomonas</i> (16)	44	38	86	81	-	63	44	63	25	6	75
5	<i>Enterobacter</i> (4)	75	75	100	100	100	75	50	25	100	-	-

AK-AMIKACIN, CTX-CEFOTAXIME, CFS-CEFAPERAZONE+SULBACTAM, CF-CIPROFLOXACIN, COT-COTRIMAXAZOLE, G-GENTAMICIN, I-IMIPENEM, M-MEROOPENEM, PTZ-PIPERACILLIN+TAZOBACTAM, Pb-POLYMICIN-B, CTZ-CEFTAZIDIME

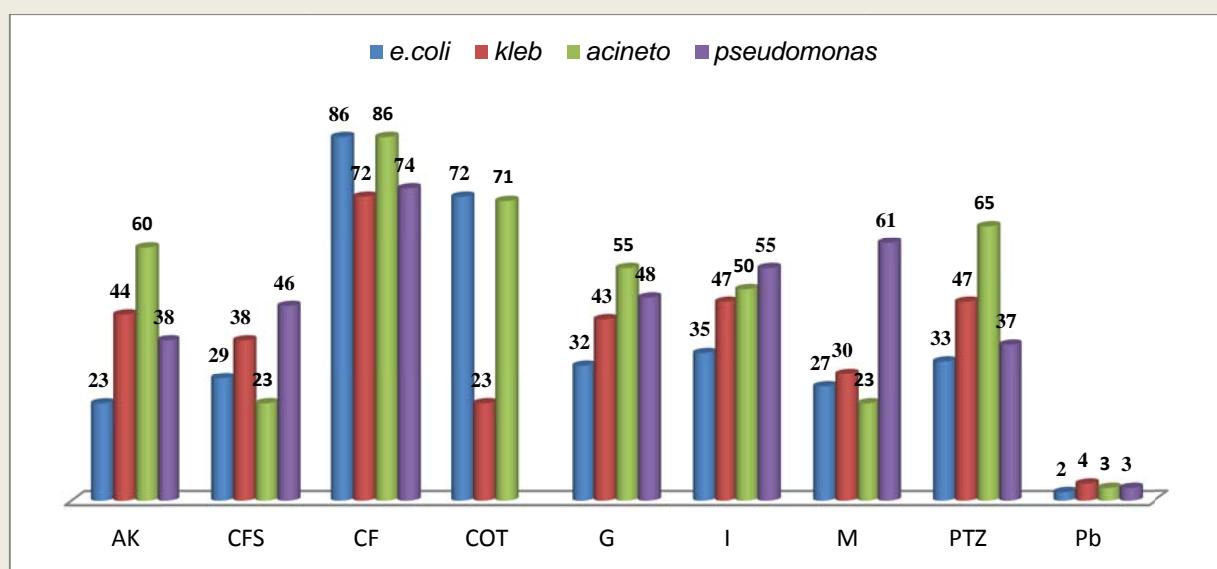
**Percentage of VRE: 2%**

**Percentage of MRSA: 46%**

**Percentage of MRCoNS: 54%**

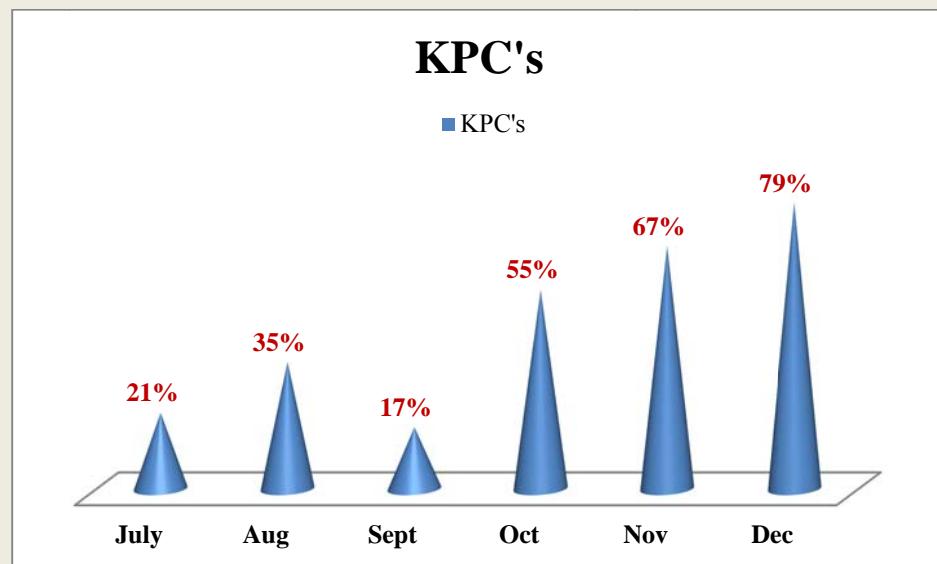
**Percentage of VRCoNS: 1%**

### Organism wise Anti Microbial Resistance (AMR) pattern in Gram negative bacilli (%)

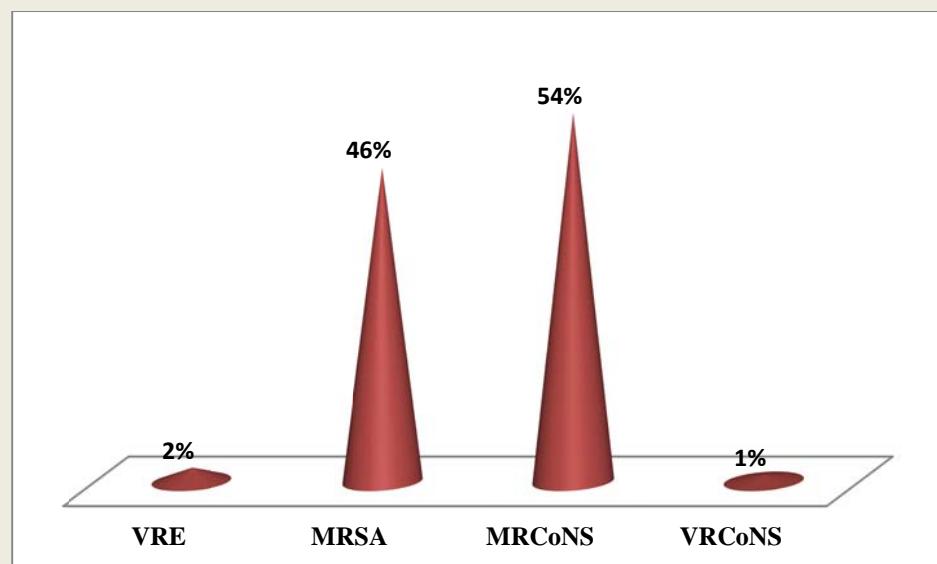


AK-AMIKACIN, CTX-CEFOTAXIME, CFS-CEFAPERAZONE+SULBACTAM, CF-CIPROFLOXACIN, COT-COTRIMAXAZOLE, G-GENTAMICIN, I-IMIPENEM, M-MEROOPENEM, PTZ-PIPERACILLIN+TAZOBACTAM, Pb-POLYMICIN-B, CTZ-CEFTAZIDIME

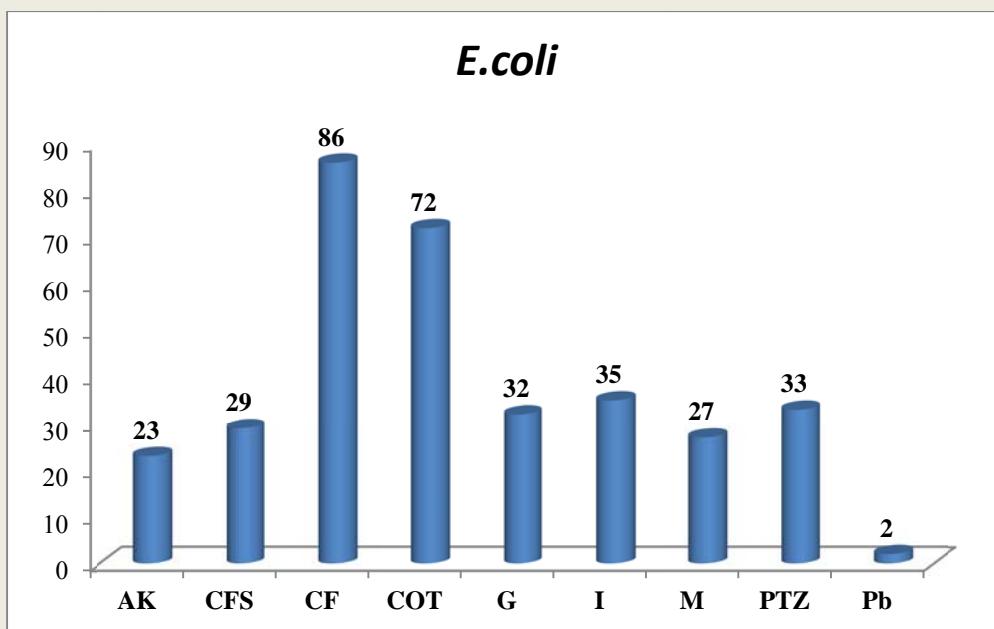
**Month wise distribution of Klebsiella pneumoniae Carbapenemases (KPC's)**



**Antimicrobial resistance (AMR) patterns of *Staphylococcus aureus*, *Coagulase negative Staphylococci (CONS)*, *Enterococcus***

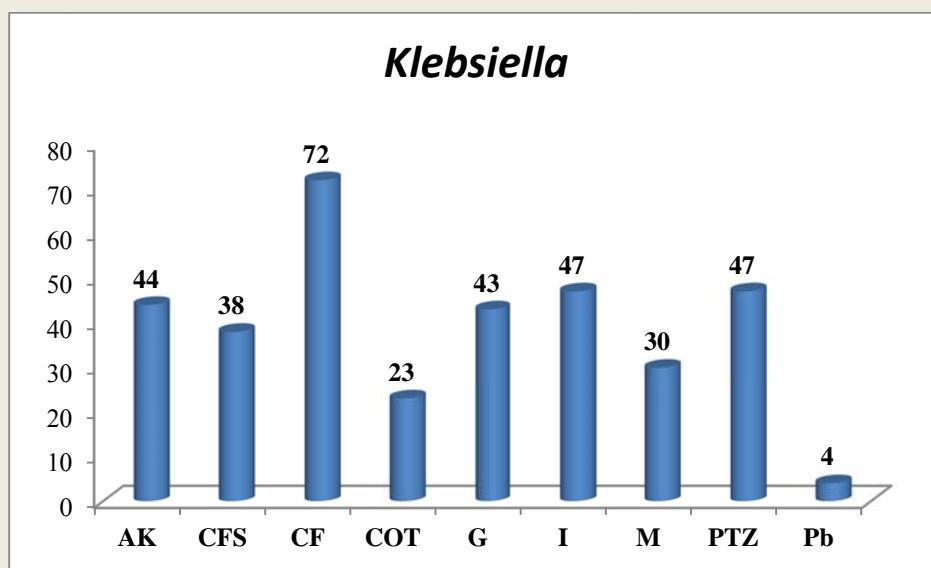


**Antimicrobial resistance (AMR) patterns of *Escherichia .coli***



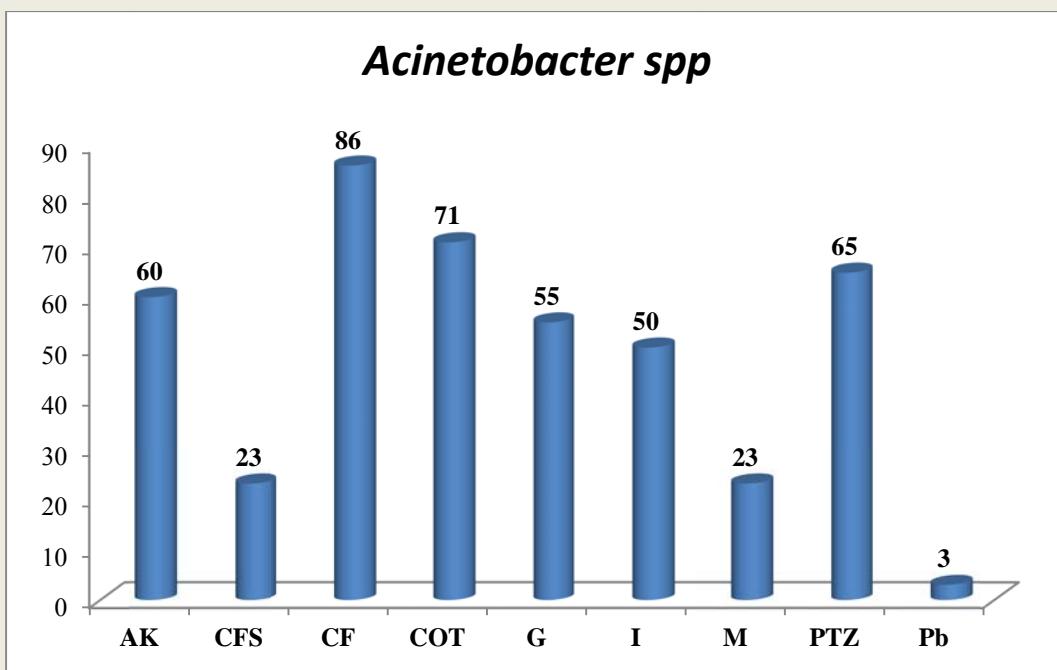
AK-AMIKACIN, CTX-CEFOTAXIME, CFS-CEFAPERAZONE+SULBACTAM, CF-CIPROFLOXACIN, COT-COTRIMAXAZOLE, G-GENTAMICIN, I-IMIPENEM, M-MEROPENEM, PTZ-PIPERACILLIN+TAZOBACTAM, Pb-POLYMICIN-B, CTZ-CEFTAZIDIME

Antimicrobial resistance (AMR) patterns of *Klebsiella* spp



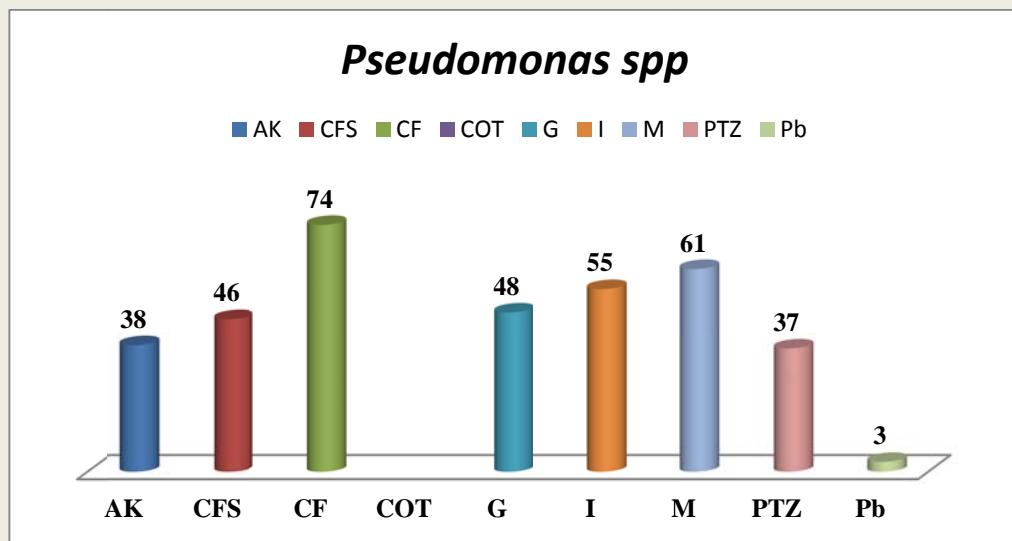
AK-AMIKACIN, CTX-CEFOTAXIME, CFS-CEFAPERAZONE+SULBACTAM, CF-CIPROFLOXACIN, COT-COTRIMAXAZOLE, G-GENTAMICIN, I-IMIPENEM, M-MEROPENEM, PTZ-PIPERACILLIN+TAZOBACTAM, Pb-POLYMICIN-B, CTZ-CEFTAZIDIME

Antimicrobial resistance (AMR) patterns of *Acinetobacter* spp



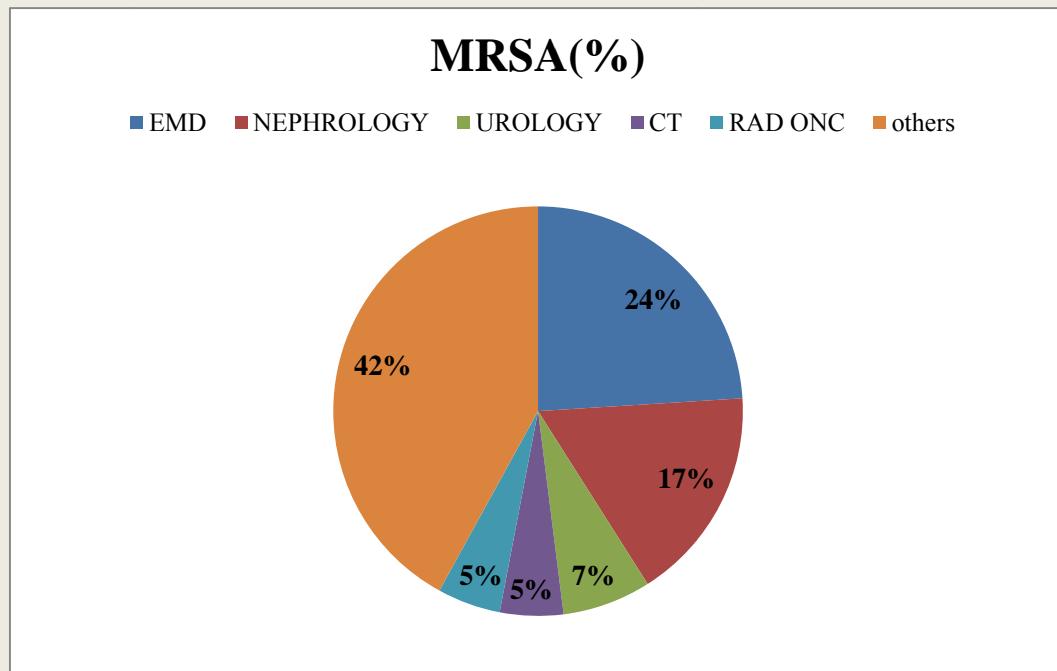
AK-AMIKACIN, CTX-CEFOTAXIME, CFS-CEFAPERAZONE+SULBACTAM, CF-CIPROFLOXACIN, COT-COTRIMAZOLE, G-GENTAMICIN, I-IMIPENEM, M-MEROOPENEM, PTZ-PIPERACILLIN+TAZOBACTAM, Pb-POLYMICIN-B, CTZ-CEFTAZIDIME

**Antimicrobial resistance (AMR) patterns of *Pseudomonas spp***

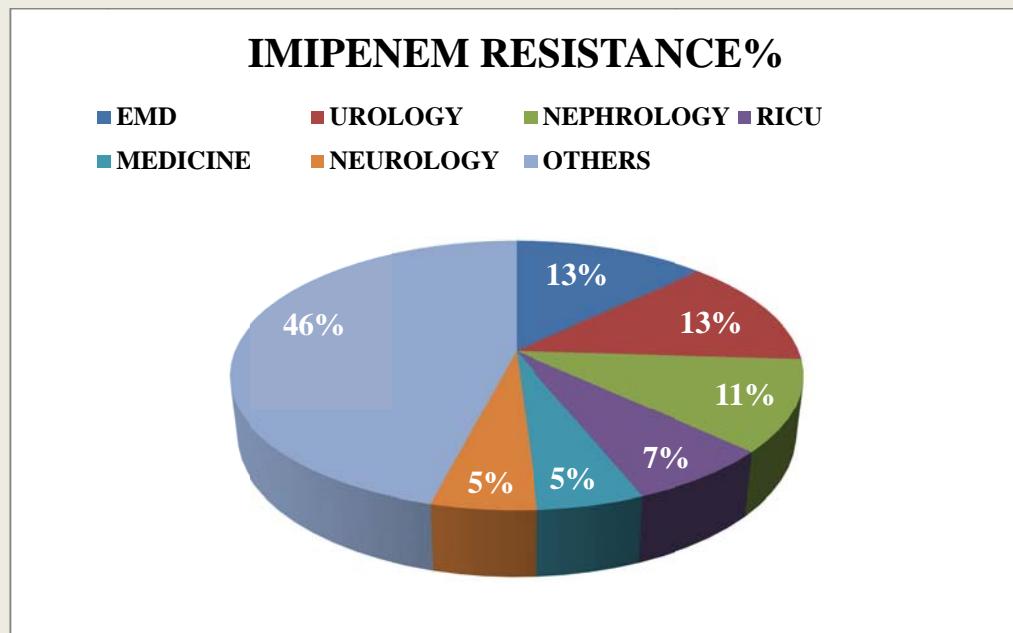


AK-AMIKACIN, CTX-CEFOTAXIME, CFS-CEFAPERAZONE+SULBACTAM, CF-CIPROFLOXACIN, COT-COTRIMAZOLE, G-GENTAMICIN, I-IMIPENEM, M-MEROOPENEM, PTZ-PIPERACILLIN+TAZOBACTAM, Pb-POLYMICIN-B, CTZ-CEFTAZIDIME

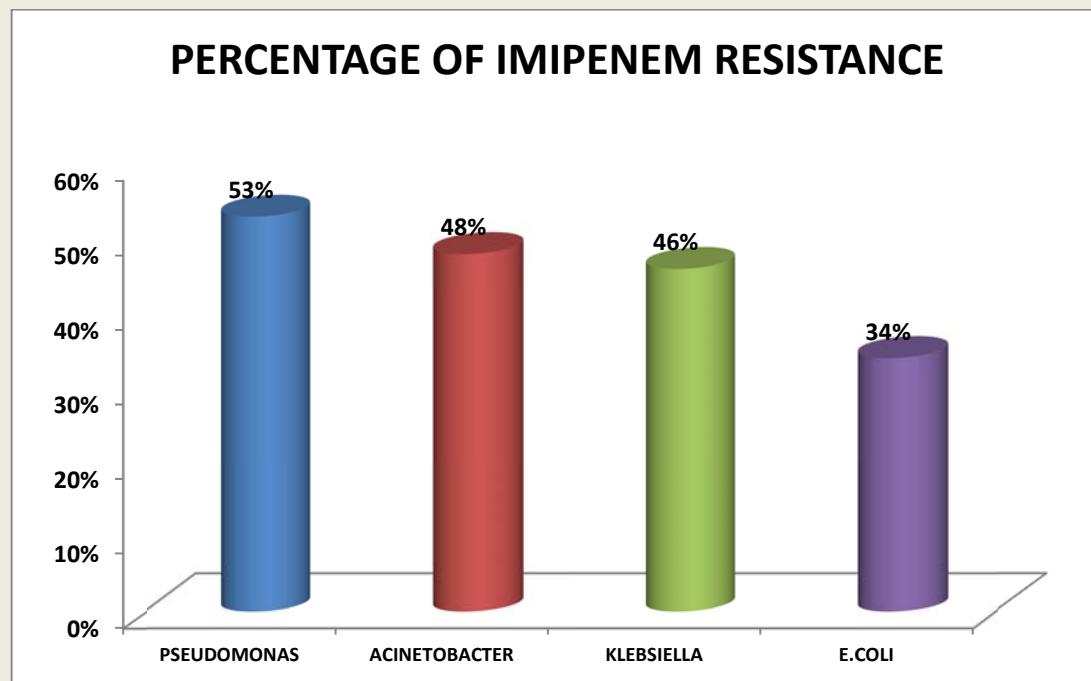
### Ward wise distribution of MRSA (%)



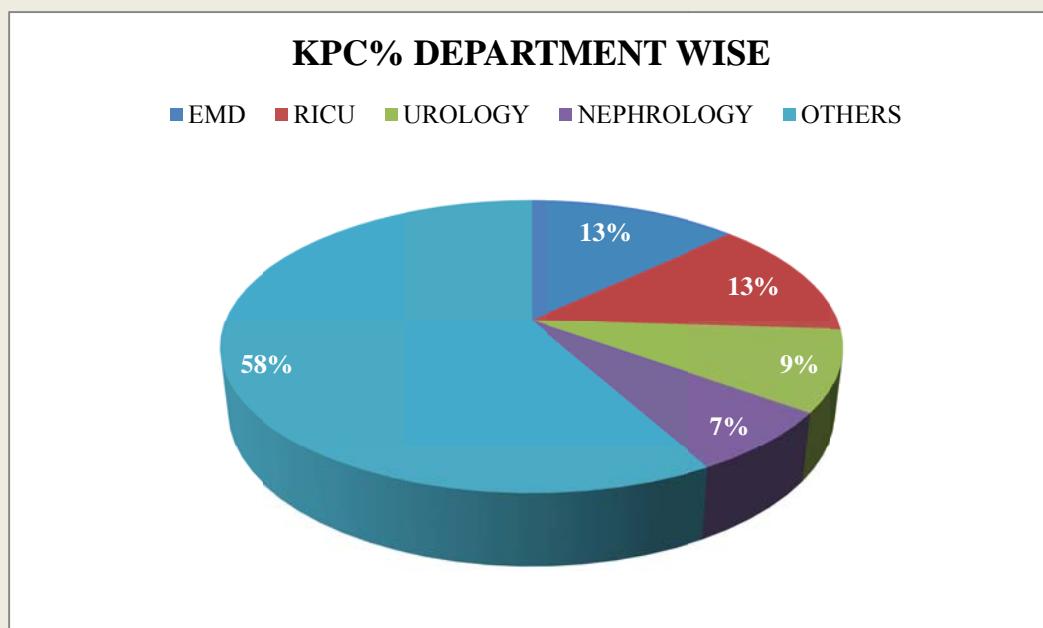
### Ward wise distribution of Imipenem resistance (%)



### Percentage of Imipenem resistance among most common Gram negative isolates

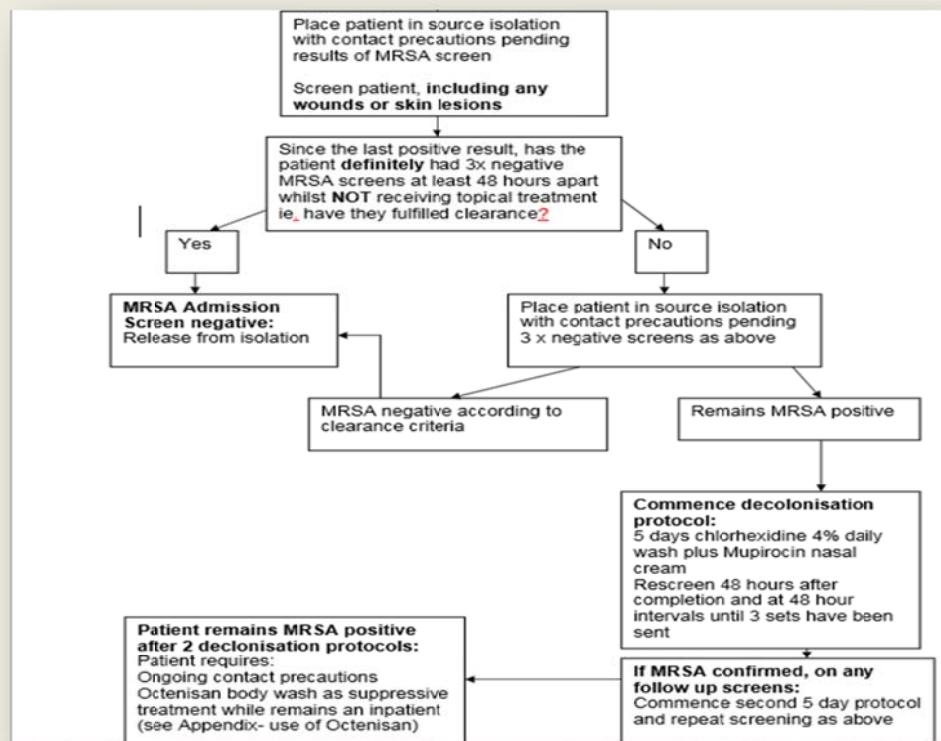


### Department wise distribution of KPC (%)



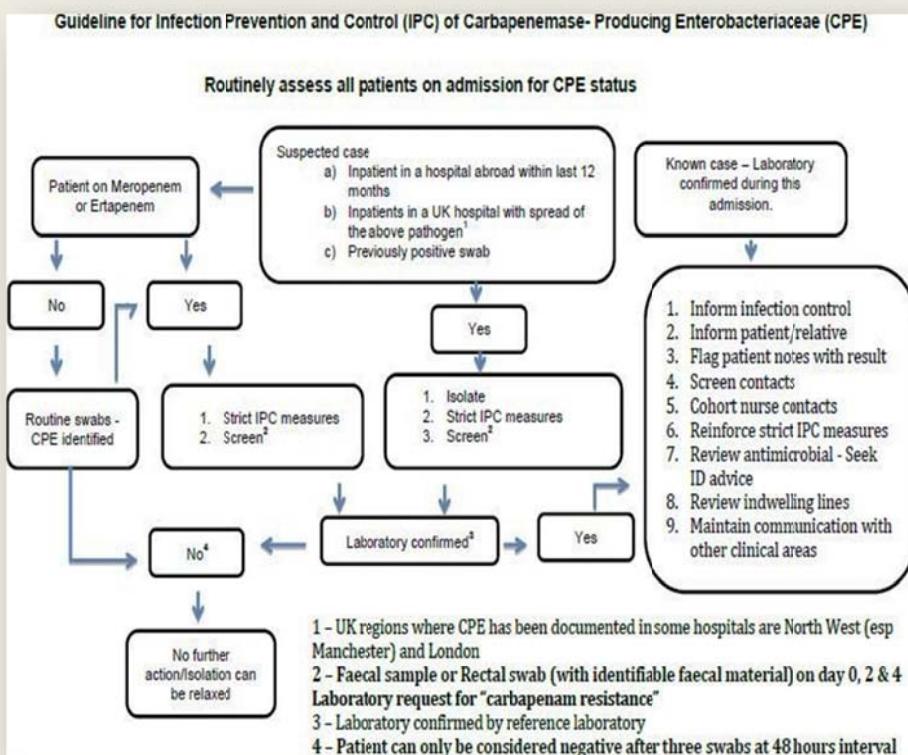
- ▣ Most common gram negative isolates were *Escherichia coli*, *Klebsiella*, *Acinetobacter spp* and *Pseudomonas*.
- ▣ *Escherichia coli* isolates were highly resistance to cefotaxime(80%), ciprofloxacin(86), Cotrimaxazole(72) and sensitive to Amikacin(77%), Cefaperazone+sulbactam(71%), Gentamicin(68%), Piperacillin +tazobactam(67%), Imipenem(65%), Meropenem(73%) and Colistin/Polymixin B(98%).
- ▣ *Klebsiellae* isolates were highly resistance to cefotaxime (81%), ciprofloxacin (72), and sensitive to Amikacin (56%), Cefaperazone+sulbactam (62%), Gentamicin (57%), Piperacillin +tazobactam (53%) Cotrimaxazole (77) Imipenem (57%)and Colistin/Polymixin B(96%).
- ▣ *Acinetobacter spp* isolates were highly resistance to cefotaxime (88%), ciprofloxacin (86), Cotrimaxazole (71), Amikacin (60%), Gentamicin (55%), Piperacillin +tazobactam (65%) Imipenem (50%), Meropenem (77%) and sensitive to Cefaperazone+sulbactam (77%), and Colistin/Polymixin B (97%)
- ▣ *Pseudomonas spp* isolates were highly resistance to cefotaxime(78%), ciprofloxacin(74), ceftazidime(83%), Imipenem(55%), Meropenem(61%) and sensitive to Amikacin(62%), Cefaperazone+sulbactam(54%), Gentamicin(52%), Piperacillin +tazobactam(63%) and Colistin/Polymixin B(97%).
- ▣ Screening of health care workers (HCW) for MRSA should be done as MRSA(Methicillin resistance Staphylococcus aureus) percentage was 46 &Methicillin resistance Coagulase negative Staphylococcus percentage was 54, and these isolates are predominantly from emergency and Nephrology departments. HCW's must be treated for the same.
- ▣ Vancomycin resistance Coagulase negative Staphylococcus percentage was 1and VRE (vancomycin resistance Enterococci) percentage was 2.
- ▣ Strict implementation of Antibiotic stewardship programme is mandatory as percentage of KPC isolates were gradually increasing from July (21%) to December (79%).
- ▣ Imipenem resistance was noted high in *Pseudomonas* (53%), followed by *Acinetobacter* (48%), *Klebsiella* (46%) and *Escherichia coli* (34%).

## Flow diagram for known MRSA positive patients



## Routinely assess all patients on admission for CPE status

### Guideline for Infection Prevention and Control (IPC) of Carbapenemase-Producing Enterobacteriaceae (CPE)



### Revision of Antibiotic policy as per WHO 2016 guidelines:

As part of the review of antibacterial agents, a new categorization of antibacterial agents into three groups was proposed:

- o ACCESS – first and second choice antibiotics for the empiric treatment of most common infectious syndromes;
- o WATCH – antibiotics with higher resistance potential whose use as first and second choice treatment should be limited to a small number of syndromes or patient groups; and
- o RESERVE – antibiotics to be used mainly as ‘last resort’ treatment options

## Access group antibiotics

Beta-lactam medicines		Other antibacterials	
<b>amoxicillin</b>	cefotaxime*	Amikacin	<b>Gentamicin</b>
<b>amoxicillin + clavulanic acid</b>	ceftriaxone*	azithromycin*	<b>Metronidazole</b>
<b>ampicillin</b>	Cloxacillin	Chloramphenicol	<b>Nitrofurantoin</b>
<b>benzathine benzylpenicillin</b>	Phenoxymethylenicillin	ciprofloxacin*	<b>spectinomycin (EML only)</b>
<b>benzylpenicillin</b>	piperacillin + tazobactam*	clarithromycin*	<b>sulfamethoxazole + trimethoprim</b>
<b>cefalexin</b>	procaine benzyl penicillin	Clindamycin	<b>vancomycin (oral)*</b>
<b>cefazolin</b>	<i>meropenem*</i>	Doxycycline	<b>vancomycin (parenteral)*</b>
<b>cefixime*</b>			

## Watch group antibiotics

- Quinolones and fluoroquinolones e.g. ciprofloxacin, levofloxacin, moxifloxacin, norfloxacin
- 3rd-generation cephalosporins (with or without beta-lactamase inhibitor) e.g. cefixime, ceftriaxone, cefotaxime, ceftazidime
- Macrolides e.g. azithromycin, clarithromycin, erythromycin
- Glycopeptides e.g. teicoplanin, vancomycin
- Anti-pseudomonal penicillins with beta-lactamase inhibitor e.g. piperacillin + tazobactam
- Carbapenems e.g. meropenem, imipenem + cilastatin
- Penems e.g. faropenem

## Reserve group ('last-resort') antibiotics

Aztreonam	Fosfomycin (IV)
4th generation cephalosporins e.g. cefepime	Oxazolidinones e.g. linezolid
5th generation cephalosporins e.g. ceftaroline	Tigecycline
Polymyxins e.g. polymyxin B, colistin	Daptomycin

SRI VENKATESWARA INSTITUTE OF MEDICAL SCIENCES, SVIMS SEGREGATION OF BIOMEDICAL WASTE			
YELLOW (NON-CHLORINATED PLASTIC BAGS)	RED (NON-CHLORINATED PLASTIC BAGS)	BLUE CARDBOARD BOXES	WHITE (TRANSLUCENT PUNCTURE PROOF CONTAINER)
<b>HUMAN ANATOMICAL , INFECTIOUS WASTE AND CYTOTOXIC WASTE</b> <ul style="list-style-type: none"> <li>Human tissues, organs, body parts and fetus</li> <li>Items contaminated with blood, body fluids like dressings, plaster casts, cotton swabs</li> <li>Bags containing residual or discarded blood and blood components</li> <li>Antibiotics, cytotoxic drugs along with glass or plastic ampoules, vials (WITH CYTOTOXIC LABELLED BAG)</li> <li>Discarded disinfectants</li> <li>Discarded linen, mattresses, beddings contaminated with blood or body fluid</li> <li>Blood bags,</li> <li>Laboratory cultures, Stocks or specimens of microorganisms</li> <li>Live or attenuated vaccines</li> </ul>	<b>CONTAMINATED WASTE (RECYCLABLE)</b> <ul style="list-style-type: none"> <li>Disposable items</li> <li>Tubing,</li> <li>Bottles,</li> <li>Intravenous tubes and sets,</li> <li>Catheters,</li> <li>Urine bags,</li> <li>Gloves</li> <li>Syringes (without needles and <i>fixed needle syringes</i>)</li> <li>Vaccutainers with their needles cut)</li> </ul>	<b>GラSSWARE</b> Broken or discarded and contaminated glass including medicine vials and ampoules except those contaminated with cytotoxic wastes <b>METALLIC BODY IMPLANTS</b>	<b>WASTE SHARPS INCLUDING METALS:</b> <ul style="list-style-type: none"> <li>Needles,</li> <li>Syringes with fixed needles,</li> <li>Needles from needle tip cutter or burner</li> <li>Scalpels,</li> <li>Blades,</li> <li>Any other contaminated sharp object that may cause puncture and cuts</li> <li>Contaminated metal sharps</li> </ul>
<b>BLACK/ GREEN - GENERAL GARBAGE ( Domestic waste, Papers, Packaging material, Left over food)</b>			

### Bio Medical Waste Management (BMW) RULES 2016

Category	Type of waste	Type of Bag/ container	Treatment/ Disposal options
Yellow	Human anatomical waste	Yellow coloured	Incineration/ Plasma pyrolysis/ deep burial
	Animal anatomical waste		
	Soiled waste	non chlorinated plastic bags	Incineration/ Plasma Pyrolysis/ deep burial/ autoclaving or hydroclaving+ shredding/mutilation
	Expired/ discarded medicines- pharmaceutical waste, cytotoxic drugs	Yellow coloured containers/ non chlorinated plastic bags	Incineration (cytotoxic drugs at temperature > 1200°C)
	Chemical waste	Yellow coloured containers/ non chlorinated plastic bags	Incineration or Plasma pyrolysis or Encapsulation
	Discarded linen contaminated with blood/ body fluids	Non- chlorinated yellow plastic bags / suitable packing material	Non- chlorinated chemical disinfection followed by incineration/ plasma pyrolysis
	Microbiology, other clinical lab waste, blood bags, live/attenuated vaccines	Autoclave safe plastic bag/container	Pre-treat to sterilize with non-chlorinated chemicals on-site as per NACO/ WHO guidelines + Incineration

<b>Category</b>	<b>Type of waste</b>	<b>Type of Bag/ container</b>	<b>Treatment/Disposal options</b>
Red	Contaminated Waste (Recyclable)	Red coloured non-chlorinated Plastic bags or containers	<ul style="list-style-type: none"> <li>• Autoclaving/ micro-waving/ hydroclaving + shredding</li> <li>• Mutilation/ sterilization+ shredding. Treated waste sent to registered or authorized recyclers or for energy recovery or plastics to diesel or fuel oil or for road making.</li> </ul>
White (Translucent)	Waste sharps including Metals	Puncture proof, Leak proof, tamper proof containers	<ul style="list-style-type: none"> <li>• Autoclaving/dry heat sterilization+ shredding/ mutilation</li> <li>• Encapsulation in metal container or cement concrete</li> <li>• Sanitary landfill/ designated concrete waste sharp pit</li> </ul>

Blue	Glassware, Metallic body implants	<ul style="list-style-type: none"> <li>• Glass test tubes</li> <li>• Empty glass Bottles</li> <li>• Contaminated glass bottles</li> <li>• Broken glass ampoules containing discarded/Expired medicines except chemotherapeutic medicines</li> <li>• Metallic body implants</li> <li>• Reusable glass slide</li> </ul>	Disinfection (by soaking the washed glass waste after cleaning with detergent and Sodium Hypochlorite treatment)/ through autoclaving/ microwaving/ hydroclaving + recycling
------	-----------------------------------	---	--

# **Biomedical Equipment List and Performance Report**

## ***SVIMS and SPMC Hospital***

In order to improve efficiency, effectiveness and reduce Non Performing Assets (NPA) in the health system, SVIMS has put forth an accountable system of making a full list of Biomedical Equipments and enumerate the functional status of each and every equipment. The goal is to ensure that 99-100% of equipments are functional and repairs are done in a timely fashion according to benchmark (days in disrepair). In addition all equipments will be listed with their price and date of commissioning in the website. As on **1<sup>st</sup> June 2018** the following functional equipment benchmark is shown. The details are listed in next page.

### **SVIMS Bio-Medical Equipment Status List**

Total No. of Equipments	1112
No. of functional Equipments	1102
No. of non-functional Equipments	10
Percentage functional	= $1102/1112 \times 100 = 99\%$

### **SVIMS SPMC (W) IPW Bio-Medical Equipment Status List**

Total No. of Medical Equipments	119
Total No. of Medical Equipments Working	119
Total No. of Medical Equipments Not Working	0
Percentage functional	100%

## Equipment status Report on 1/06/2018 – SVIMS

**Total Number of Equipments = 1112**

**Number functional Equipment= 1102**

**Number non functional Equipment = 10**

**Percentage = 1102/1112 \*100 =99 %**

### Action Report

SI No	Equipment	Manufacturer	Days of Disrepair	Value	Remarks
1	Microtome-YSI 060	YORCO	Since 14/09/2016	Rs 4,75,000	Needs Micro Motor Assamble, Control PCB and Knife holder
2	IABP CS-100	Datascope	Since 5/9/2017	US \$ 38,500	Replacement under process
3	Syringe Pump	L & T	16/12/2017	Rs 22,000	spare parts are not available
4	Syringe Pump	L & T	16/12/2017	Rs 22,000	spare parts are not available
5	Syringe Pump	L & T	16/12/2017	Rs 22,000	spare parts are not available
6	Patient Monitor	Philips	18/01/2018	US\$6493	Replacement under process
7	Patient Monitor	Philips	18/01/2018	US\$6493	Replacement under process
8	Patient Monitor	Philips	18/01/2018	US\$6493	Replacement under process
9	Dialysis Machine	Fresenesis	Jan-18	US\$ 10,775	More than 10years Old, Needed parts are costly. Company has recommended to condemn
10	Dialysis Machine	Fresenesis	Jan-18	US\$ 10,775	More than 10years Old, Needed parts are costly. Company has recommended to condemn

## Equipment List - SVIMS Hospital

S.No	Department	Equipment	Manufacturer	Model	Supplier	Price	War Start	War End	Status
1	Cardiology	Cath Lab	Philips	Allura	Philips		30-08-2007	29/08/10	Working
2	Cardiology	Cath Lab With Ablator & Stimulator	Siemens	Artis Sensis	Siemens		05-01-2010	30/5/2015	Working
3	Cardiology	Echo System	Philips	Sonos 4500	Philips		09-01-2002	31/9/2005	Working
4	Cardiology	Echo System	Philips	Sonos 7500	Philips		29-06-2005	28/06/08	Working
5	Cardiology	Echo System	Philips	IE 33	Philips		23-05-2008	22/05/11	Working
6	Cardiology	Echo System	Esaote	MyLab25 Gold	Esaote India		06-03-2014	06-02-2019	Working
7	Cardiology	Echo System	Esaote	MyLab 40	Esaote India		06-01-2015	31-05-2018	Working
8	Cardiology	Defibrillator	Philips	DFM 100	Alliance	Rs 3,25,000	01-10-2018	01-09-2019	Working
9	Cardiology	Defibrillator	Philips	Heart Start XL	Philips		18-12-2003	17/02/06	Working
10	Cardiology	Defibrillator	Philips	Heart Start MRX	Philips		28/04/2010	27/04/2012	Working
11	Cardiology	Debiffrillator	Medtronics	LifePak	Instromedix		21/09/12	20/09/14	Working
12	Cardiology	Debiffrillator	Medtronics	LifePak	Instromedix		21/09/12	20/09/14	Working
13	Cardiology	Patient Monitor	Philips	MP 20	Philips	US\$6493	20/06/05	19/06/08	Working
14	Cardiology	Patient Monitor	Philips	MP 20	Philips	US\$6493	20/06/05	19/6/2008	Not Working
15	Cardiology	Patient Monitor	Philips	MP 20	Philips	US\$6493	20/06/05	19/06/08	Not Working
16	Cardiology	Patient Monitor	Philips	MP 20	Philips	US\$6493	20/06/05	19/06/08	Not Working
17	Cardiology	Patient Monitor	Philips	MP 20	Philips	US\$6493	20/06/05	19/06/08	Working
18	Cardiology	Patient Monitor	Philips	MP 20	Philips	US\$6493	20/06/05	19/06/08	Working
19	Cardiology	Patient Monitor	Philips	MP 20	Philips	US\$6493	20/06/05	19/06/08	Working
20	Cardiology	Patient Monitor	Philips	MP 20	Philips	US\$6493	20/06/05	19/06/08	Working
21	Cardiology	Multi Para Monitor	Mindray	Beneview T8	Instromedic		04-02-2010	04-01-2012	Working
22	Cardiology	Multi Para Monitor	Mindray	Beneview T8	Instromedic		04-02-2010	04-01-2012	Working
23	Cardiology	Multi Para Monitor	Mindray	Beneview T8	Instromedic		04-02-2010	04-01-2012	Working
24	Cardiology	Multi Para Monitor	Mindray	Beneview T8	Instromedic		04-02-2010	04-01-2012	Working
25	Cardiology	Multi Para Monitor	Mindray	Beneview T8	Instromedic		04-02-2010	04-01-2012	Working

S.No	Department	Equipment	Manufacturer	Model	Supplier	Price	War Start	War End	Status
26	Cardiology	Multi Para Monitor	Mindray	Beneview T8	Instromedic		04-02-2010	04-01-2012	Working
27	Cardiology	Multi Para Monitor	Mindray	Beneview T8	Instromedic		04-02-2010	04-01-2012	Working
28	Cardiology	Multi Para Monitor	Mindray	Beneview T8	Instromedic		04-02-2010	04-01-2012	Working
29	Cardiology	Multi Para Monitor	Mindray	Beneview T8	Instromedic		04-02-2010	04-01-2012	Working
30	Cardiology	Tread Mill System	Recorders	MARK II	Recorders		09-09-2008	09-08-2010	Working
31	Cardiology	Tread Mill System	Marquet	Case state TM2100	Wipro GE		18/03/2011	17/03/2013	Working
32	Cardiology	Tread Mill System	Marquet	Case state TM2101	Wipro GE		18/03/2011	17/03/2013	Working
33	Cardiology	Hoter System	Delmer	Impreserio	Instromedix		16/10/07	15/10/10	Working
34	Cardiology	Syringe Pump	Neuron BioMed	SP 102	L & T		11-10-2009	11-09-2011	Not Working
35	Cardiology	Syringe Pump	Neuron BioMed	SP 102	L & T		11-10-2009	11-09-2011	Working
36	Cardiology	Syringe Pump	Neuron BioMed	SP 102	L & T		11-10-2009	11-09-2011	Working
37	Cardiology	Syringe Pump	Neuron BioMed	SP 102	L & T		11-10-2009	11-09-2011	Not Working
38	Cardiology	Syringe Pump	Neuron BioMed	SP 102	L & T		11-10-2009	11-09-2011	Working
39	Cardiology	Syringe Pump	Neuron BioMed	SP 102	L & T		11-10-2009	11-09-2011	Not Working
40	Cardiology	Syringe Pump	Neuron BioMed	SP 102	L & T		11-10-2009	11-09-2011	Working
41	Cardiology	Syringe Pump	Neuron BioMed	SP 102	L & T		11-10-2009	11-09-2011	Working
42	Cardiology	Syringe Pump	Neuron BioMed	SP 102	L & T		11-10-2009	11-09-2011	Not Working
43	Cardiology	Syringe Pump	Neuron BioMed	SP 102	L & T		11-10-2009	11-09-2011	Working
44	Cardiology	ECG Recorder	Motorora	ELI-250	Compamedic		02-06-2010	02-05-2012	Working
45	Cardiology	ECG Recorder	Motorora	ELI-250	Compamedic		02-06-2010	02-05-2012	Working
46	Cardiology	ECG Recorder	Motorora	ELI-250	Compamedic		02-06-2010	02-05-2012	Working
47	Cardiology	ECG Recorder	Motorora	ELI-250	Compamedic		02-06-2010	02-05-2012	Working
48	Cardiology	ICU Ventilator	GE Datex Ohmeda	Engstrom	GE Datex Ohmeda		30/11/2009	29/11/2011	Working
49	Cardiology	ICU Ventilator	GE Datex Ohmeda	Engstrom	GE Datex Ohmeda		30/11/2009	29/11/2011	Working
50	Cardiology	ICU Ventilator	GE Datex Ohmeda	Engstrom	GE Datex Ohmeda		30/11/2009	29/11/2011	Working
51	Cardiology	ICU Ventilator	GE Datex Ohmeda	Engstrom	GE Datex Ohmeda		30/11/2009	29/11/2011	Working
52	Cardiology	IABP	Datacope	CS100	Advanced Micronic		06-01-2007	31/5/2010	Not Working

S.No	Department	Equipment	Manufacturer	Model	Supplier	Price	War Start	War End	Status
53	Cardiology	Syringe Pump	Orange Medical	Prima	Orange Medical		18/05/2012	17/05/2014	Working
54	Cardiology	Syringe Pump	Orange Medical	Prima	Orange Medical		18/05/2012	17/05/2014	Working
55	Cardiology	Syringe Pump	Orange Medical	Prima	Orange Medical		18/05/2012	17/05/2014	Working
56	Cardiology	Syringe Pump	Orange Medical	Prima	Orange Medical		18/05/2012	17/05/2014	Working
57	Cardiology	Syringe Pump	Orange Medical	Prima	Orange Medical		18/05/2012	17/05/2014	Working
58	Cardiology	Syringe Pump	Orange Medical	Prima	Organge Medical		18/05/2012	17/05/2014	Working
59	Cardiology	Syringe Pump	Organge	Flow Prima	Organge Medical		23/05/13	22/05/15	Working
60	Cardiology	Syringe Pump	Organge	Flow Prima	Organge Medical		23/05/13	22/05/15	Working
61	Cardiology	Syringe Pump	Organge	Flow Prima	Organge Medical		23/05/13	22/05/15	Working
62	Cardiology	Syringe Pump	Organge	Flow Prima	Organge Medical		23/05/13	22/05/15	Working
63	Cardiology	Syringe Pump	Organge	Flow Prima	Organge Medical		23/05/13	22/05/15	Working
64	Cardiology	Syringe Pump	Organge	Flow Prima	Organge Medical		23/05/13	22/05/15	Working
65	Cardiology	Syringe Pump	Organge	Flow Prima	Organge Medical		23/05/13	22/05/15	Working
66	Cardiology	Syringe Pump	Organge	Flow Prima	Organge Medical		23/05/13	22/05/15	Working
67	Cardiology	Syringe Pump	Organge	Flow Prima	Organge Medical		23/05/13	22/05/15	Working
68	Cardiology	Syringe Pump	Organge	Flow Prima	Organge Medical		23/05/13	22/05/15	Working
69	Cardiology	Cardiac reader/Analyzer	RadioMeter	AQT90 FLEX	RadioMeter		12-11-2014		Working
70	Cardiology	Cardiac reader/Analyzer	RadioMeter	AQT90 FLEX	RadioMeter		12-11-2014		Working
71	Cardiology	EO Gas sterilizer	Anderson	AN310	Agama	Rs20,75,625	28/03/2012	27/03/2017	Working
72	Cardiology	Deep Freezer -40 Deg C	Terumo	Df40u	Terumo		10-06-2009	10-05-2012	Working
73	Cardiology	Intra Vascular Ultra Sound	Boston Scientific	Mdu MDU5Plus	Lakshi	RS 75,00,000/-	15/06/2016	14/06/2021	Working
74	Cardiology	Blood Pressure monitor	Kody Medical	TM 2655	Kody Medical		22/03/2013	21/03/2014	Working
75	Cardiology	F F R	St Jude Medical	Quantian	Excel		24/08/2016	23/08/2021	Working
76	Cardiology	Rotablator	Boston Scientific	RC5000	Lakshi		16/02/2017	15/02/2022	Working

S.No	Department	Equipment	Manufacturer	Model	Supplier	Price	War Start	War End	Status
77	Cardiology	Echo Machine	Siemens	SC2000	Iris	INR 1,18,50,000	02-01-2017	31/01/2022	Working
78	Cardiology-cath lab	Syringe Pump	Fresenius	injectomat/Agilia					Working
79	Cardiology-cath lab	Syringe Pump	Plenum Tech Pvt Ltd	Zion+					Working
80	Cardiology-cath lab	Syringe Pump	Plenum Tech Pvt Ltd	Zion+					Working
81	Cardiology-cath lab	Syringe Pump	Bbraun	Perfusor Compact					Working
82	Cardiology-cath lab	Dicom Storage & Dicom CD/DVD		ML 110-G7	Cyone Med	15.05.2013	14.05.2016		Working
83	Nephrology	Dialysis Machine	Fresenius	4008S	Trivitron	US\$10,775	12-06-2006	12-05-2009	Not Working
84	Nephrology	Dialysis Machine	Fresenius	4008S	Trivitron	US\$10,775	12-06-2006	12-05-2009	Working
85	Nephrology	Dialysis Machine	Fresenius	4008S	Trivitron	US\$10,775	12-06-2006	12-05-2009	Not Working
86	Nephrology	Dialysis Machine	Fresenius	4008S	Trivitron	US\$10,625	01-07-2009	01-06-2012	Working
87	Nephrology	Dialysis Machine	Fresenius	4008S	Trivitron	US\$10,625	01-07-2009	01-06-2012	Working
88	Nephrology	Dialysis Machine	Fresenius	4008S	Trivitron	US\$10,625	01-07-2009	01-06-2012	Working
89	Nephrology	Dialysis Machine	Fresenius	4008S	Trivitron	US\$10,625	01-07-2009	01-06-2012	Working
90	Nephrology	Dialysis Machine	Fresenius	4008S	Trivitron	US\$10,625	01-07-2009	01-06-2012	Working
91	Nephrology	Dialysis Machine	Fresenius	4008S	Fresenius India	Rs 6,42,015	22/09/2010	21/09/2015	Working
92	Nephrology	Dialysis Machine	Fresenius	4008S	Fresenius India	Rs 6,42,015	22/09/2010	21/09/2015	Working
93	Nephrology	Dialysis Machine	Fresenius	4008S	Fresenius India	Rs 6,42,015	22/09/2010	21/09/2015	Working
94	Nephrology	Dialysis Machine	Fresenius	4008S	Fresenius India	Rs 6,42,015	22/09/2010	21/09/2015	Working
95	Nephrology	Dialysis Machine	Fresenius	4008S	Fresenius India	Rs 6,42,015	22/09/2010	21/09/2015	Working
96	Nephrology	Dialysis Machine	Fresenius	Art Plus	Fresenius India	Rs 6,42,015	22/09/2010	21/09/2015	Working
97	Nephrology	Dialysis Machine	Fresenius	4008S	Fresenius India	Rs 523000	14/03/2013	13/03/2018	Working
98	Nephrology	Dialysis Machine	Fresenius	4008S	Fresenius India	Rs 523000	14/03/2013	13/03/2016	Working
99	Nephrology	Dialysis Machine	Fresenius	4008S	Fresenius India	Rs 523000	14/03/2013	13/03/2016	Working
100	Nephrology	Dialysis Machine	Fresenius	4008S	Fresenius India	Rs 523000	14/03/2013	13/03/2016	Working
101	Nephrology	Dialysis Machine	Fresenius	4008S	Fresenius India	Rs 523000	14/03/2013	13/03/2016	Working
102	Nephrology	Dialysis Machine	Fresenius	4008S	Fresenius India	Rs 523000	14/03/2013	13/03/2016	Working

S.No	Department	Equipment	Manufacturer	Model	Supplier	Price	War Start	War End	Status
103	Nephrology	Dialysis Machine	Fresenius	4008S	Fresenius India	Rs 523000	14/03/2013	13/03/2016	Working
104	Nephrology	Dialysis Machine	Fresenius	4008S	Fresenius India	Rs 523000	14/03/2013	13/03/2016	Working
105	Nephrology	Dialysis Machine	Fresenius	4008S	Fresenius India	Rs 523000	14/03/2013	13/03/2016	Working
106	Nephrology	Dialysis Machine	Fresenius	4008S	Fresenius India	Rs 523000	14/03/2013	13/03/2016	Working
107	Nephrology	Dialysis Machine	Fresenius	4008S	Fresenius India	Rs5,75,000	28/07/2012	27/07/2015	Working
108	Nephrology	Dialysis Machine	Fresenius	4008S	Fresenius India	Rs5,75,000	28/07/2012	27/07/2015	Working
109	Nephrology	Dialysis Machine	Fresenius	ARTPLUS	Trivitron	Rs6,50,000	18/04/2012	17/04/2014	Working
110	Nephrology	Dialysis Machine	Fresenius	Art Plus	Fresenius India		12-10-2014	12-09-2019	Working
111	Nephrology	CRRT	GAMBRO	PRISMAFLEX	Gambro India		04-04-2012	04-03-2014	Working
112	Nephrology	CRRT	GAMBRO	PRISMAFLEX	Gambro India		07-02-2015	07-01-2016	Working
113	Nephrology	PD CYCLER	GAMBRO	R5C 8320	Gambro India		07-02-2015	07-01-2016	Working
114	Nephrology	PD CYCLER	Baxter	R5C 8320	HC Pro cycler		24/03/10	23/03/11	Working
115	Nephrology	PD CYCLER	Baxter	R5C 8320	Banafar pharma		24/2/2014	23/2/2015	Working
116	Nephrology	Defibrillator	BPL	DF 2509R	Bharat Medi		12-12-2008	12-11-2009	Working
117	Nephrology	Defibrillator	BPL	DF 2509R	Bharat Medi		12-12-2008	12-11-2009	Working
118	Nephrology	Bi-Corb Mixer	SR Med	200L	SR Med		02-01-2014	31/1/2015	Working
119	Nephrology	Bi-Corb Mixer	SR Med	200L	SR Med		02-01-2005	31/1/2008	Working
120	Nephrology	Digital Weighing Scale	Tulaman	115Es	Tulaman		28/10/98	27/10/99	Working
121	Nephrology	Digital Weighing Scale	Tulaman	115Es	Tulaman		21/09/05	20/09/06	Working
122	Nephrology	ICU Ventilator	GE Datex Ohmeda	Anaesthesia	Engstrom		30/11/2009	29/11/2011	Working
123	Nephrology	ICU Ventilator	GE Datex Ohmeda	Anaesthesia	Engstrom		30/11/2010	29/11/2011	Working
124	Nephrology	Syringe Pump	Neuron BioMed	SP 102	L & T		11-02-2009	11-01-2011	Working
125	Nephrology	Syringe Pump	Neuron BioMed	SP 102	L & T		11-02-2009	11-01-2011	Working
126	Nephrology	Multi Para Monitor	Mindray	Beneview T8	Instromedic		04-02-2010	04-01-2012	Working
127	Nephrology	Multi Para Monitor	Mindray	Beneview T8	Instromedic		04-02-2010	04-01-2012	Working
128	Nephrology	Multi Para Monitor	Mindray	Beneview T8	Instromedic		04-02-2010	04-01-2012	Working
129	Nephrology	Multi Para Monitor	Mindray	Beneview T8	Instromedic		04-02-2010	04-01-2012	Working

S.No	Department	Equipment	Manufacturer	Model	Supplier	Price	War Start	War End	Status
130	Nephrology	Multi Para Monitor	Mindray	Beneview T8	Instromedic		04-02-2010	04-01-2012	Working
131	Nephrology	Multi Para Monitor	Mindray	Beneview T8	Instromedic		04-02-2010	04-01-2012	Working
132	Nephrology	Multi Para Monitor	Mindray	Beneview T8	Instromedic		04-02-2010	04-01-2012	Working
133	Nephrology	Multi Para Monitor	Mindray	Beneview T8	Instromedic		04-02-2010	04-01-2012	Working
134	Nephrology	Microscope	Nikon	E-200	Towa Optics	14/11/2014	13/11/2015		Working
135	Nephrology	Ultra Sound Scanner	Esote	MyLab 25 Gold	Esote India		12-03-2015	12-02-2018	Working
136	Nephrology	Syringe Pump	Plenum Tech Pvt Ltd	Zion +	Plenum Tech	Rs 29,252.71	15/06/2016	14/06/2018	Working
137	Nephrology	Syringe Pump	Plenum Tech Pvt Ltd	Zion +	Plenum Tech		15/06/2016	14/06/2018	Working
138	Nephrology	Syringe Pump	Plenum Tech Pvt Ltd	Zion +	Plenum Tech		15/06/2016	14/06/2018	Working
139	Nephrology	Syringe Pump	Neuron BioMed	SP 102	L & T		11-04-2009	11-03-2011	Working
140	Nephrology	ECG Recrder	Motorora	ELI-250	Compamedic		02-06-2010	02-05-2012	Working
141	Nephrology	Pulse Oximeter	Mediaid	900P	Adv. Micronic		02-06-2010	02-05-2012	Working
142	Nephrology	Pulse Oximeter	Mediaid	900P	Adv. Micronic		02-06-2010	02-05-2012	Working
143	Nephrology	Pulse Oximeter	Mediaid	900P	Adv. Micronic		02-06-2010	02-05-2012	Working
144	Nephrology	Pulse Oximeter	Mediaid	900P	Adv. Micronic		02-06-2010	02-05-2012	Working
145	Nephrology	Syringe Pump	Organge	Flow Prima					
146	<b>Neurology</b>	<b>EEG Video Digital-128 Channel</b>	EB Neuro	Gaiieo 128	Shibumi		16/07/05	15-07-2008	Working
147	Neurology	<b>EEG Machine-Portable</b>		Galileo	Shibumi		30/06/2007	29/06/2008	Working
148	Neurology	<b>EEG Video 40 Channel</b>	EB Neuro	Gaiieo Mizar 40	Shibumi		01-01-2015	31-12-2020	Working
149	Neurology	<b>8 Channel ENMG</b>	Nicolet	Medelec Synngy	Allied		09-11-2009	08-10-2012	Working
150	Neurology	<b>ENMG</b>	Nicolet	Medelec Synngy	Allied		05-06-2015	05-05-2020	Working
151	Neurology	<b>Trans cranial Mag. Stimulator</b>		Magstim rapid 2	Hospimedical		26/09/09	25/09/2012	Working
152	Neurology	<b>ICU Ventilator</b>	GE Datex Ohmeda	Engstrom	Mindray		30/11/2009	29/11/2011	Working
153	Neurology	<b>ICU Ventilator</b>	GE Datex Ohmeda	Engstrom	Mindray		30/11/2009	29/11/2011	Working
154	Neurology	<b>ICU Ventilator</b>	GE Datex Ohmeda	Engstrom	Mindray		30/11/2009	29/11/2011	Working
155	Neurology	<b>ICU Ventilator</b>	GE Datex Ohmeda	Engstrom	Mindray		30/11/2009	29/11/2011	Working
156	Neurology	Multi Para Monitor	Mindray	Beneview T8	Instromedic		02-04-2010	01-03-2012	Working

S.No	Department	Equipment	Manufacturer	Model	Supplier	Price	War Start	War End	Status
157	Neurology	Multi Para Monitor	Mindray	Beneview T8	Instromedic		02-04-2010	01-03-2012	Working
158	Neurology	Multi Para Monitor	Mindray	Beneview T8	Instromedic		02-04-2010	01-03-2012	Working
159	Neurology	Multi Para Monitor	Mindray	Beneview T8	Instromedic		02-04-2010	01-03-2012	Working
160	Neurology	Multi Para Monitor	Mindray	Beneview T8	Instromedic		02-04-2010	01-03-2012	Working
161	Neurology	Multi Para Monitor	Mindray	Beneview T8	Instromedic		02-04-2010	01-03-2012	Working
162	Neurology	Multi Para Monitor	Mindray	Beneview T8	Instromedic		02-04-2010	01-03-2012	Working
163	Neurology	Multi Para Monitor	Mindray	Beneview T8	Instromedic		02-04-2010	01-03-2012	Working
164	Neurology	EEG Video 40 Channel	EB Neuro	Gaileo Mizar 40	Shibumi	RS 18,99,000/-	13/06/2016	12-06-2021	Working
165	Neurology	Defibrillator	BPL	DF2509	BPL	RS 7,87,050/-	02-06-2009	01-05-2010	Working
166	Neurology	Syringe Pump	Fresenius	Injectomat/Agilia	Medi		19/03/09	18-03-2014	Working
167	Neurology	Syringe Pump	Fresenius	Injectomat/Agilia	Medi		19/03/09	18-03-2014	Working
168	Neurology	Syringe Pump	Fresenius	Injectomat/Agilia	Medi		19/03/09	18-03-2014	Working
169	Neurology	Syringe Pump	Fresenius	Injectomat/Agilia	Medi		19/03/09	18-03-2014	Working
170	Neurology	Syringe Pump	Fresenius	Injectomat/Agilia	Medi		19/03/09	18-03-2014	Working
171	Neurology	Syringe Pump	Fresenius	Injectomat/Agilia	Medi		19/03/09	18-03-2014	Working
172	Neurology	Syringe Pump	Fresenius	Injectomat/Agilia	Medi		19/03/09	18-03-2014	Working
173	Casuality	Defibrillator	Philips	Heart start	Philips		18-02-2003	17/02/06	Working
174	Casuality	Defibrillator	Schiller	Defigard-400	Schiller		04-02-2014	04-01-2016	Working
175	Casuality	Multi Para Monitor	Mindray	PM-8000	Instromedic		02-07-2010	02-06-2012	Working
176	Casuality	Multi Para Monitor	Mindray	PM-8000	Instromedic		02-07-2010	02-06-2012	Working
177	Casuality	Multi Para Monitor	Mindray	PM-8000	Instromedic		02-07-2010	02-06-2012	Working
178	Casuality	Multi Para Monitor	Mindray	PM-8000	Instromedic		02-07-2010	02-06-2012	Working
179	Casuality	Multi Para Monitor	Mindray	PM-8000	Instromedic		02-07-2010	02-06-2012	Working
180	Casuality	Multi Para Monitor	Mindray	PM-8000	Instromedic		02-07-2010	02-06-2012	Working
181	Casuality	Multi Para Monitor	Mindray	PM-8000	Instromedic		02-07-2010	02-06-2012	Working
182	Casuality	<b>ICU Ventilator</b>	Tecme	Grpahnet	Meditronic		10-01-2011	31/09/2013	Working
183	Casuality	<b>ICU Ventilator</b>	Tecme	Grpahnet	Meditronic		10-01-2011	31/09/2013	Working

S.No	Department	Equipment	Manufacturer	Model	Supplier	Price	War Start	War End	Status
184	Casuality	ICU Ventilator	Tecme	Grpahnet	Meditronic		10-01-2011	31/09/2013	Working
185	Casuality	ICU Ventilator	Tecme	Grpahnet	Meditronic		10-01-2011	31/09/2013	Working
186	Casuality	Syringe Pump	Neuron BioMed	SP 102	L & T		11-04-2009	11-03-2011	Working
187	Casuality	Syringe Pump	Neuron BioMed	SP 102	L & T		11-04-2009	11-03-2011	Working
188	Casuality	Syringe Pump	Neuron BioMed	SP 102	L & T		11-04-2009	11-03-2011	Working
189	Casuality	Syringe Pump	Neuron BioMed	SP 102	L & T		11-04-2009	11-03-2011	Working
190	Casuality	Syringe Pump	Neuron BioMed	SP 102	L & T		11-04-2009	11-03-2011	Working
191	Casuality	Syringe Pump	Neuron BioMed	SP 102	L & T		11-04-2009	11-03-2011	Working
192	Casuality	Syringe Pump	Neuron BioMed	SP 102	L & T		11-04-2009	11-03-2011	Working
193	Casuality	Syringe Pump	Neuron BioMed	SP 102	L & T		11-04-2009	11-03-2011	Working
194	Casuality	Syringe Pump	Neuron BioMed	SP 102	L & T		11-04-2009	11-03-2011	Working
195	Casuality	Syringe Pump	Neuron BioMed	SP 102	L & T		11-04-2009	11-03-2011	Working
196	Casuality	Syringe Pump	Organge	Flow Prima	Organge Medical		04-02-2014	04-01-2016	Working
197	Casuality	Syringe Pump	Organge	Flow Prima	Organge Medical		04-02-2014	04-01-2016	Working
198	Casuality	Syringe Pump	Organge	Flow Prima	Organge Medical		04-02-2014	04-01-2016	Working
199	Casuality	Syringe Pump	Organge	Flow Prima	Organge Medical		04-02-2014	04-01-2016	Working
200	Casuality	Syringe Pump	Organge	Flow Prima	Organge Medical		04-02-2014	04-01-2016	Working
201	Casuality	Syringe Pump	Organge	Flow Prima	Organge Medical		04-02-2014	04-01-2016	Working
202	Casuality	Syringe Pump	Organge	Flow Prima	Organge Medical		04-02-2014	04-01-2016	Working
203	Casuality	Syringe Pump	Organge	Flow Prima	Organge Medical		04-02-2014	04-01-2016	Working
204	Casuality	Syringe Pump	Organge	Flow Prima	Organge Medical		04-02-2014	04-01-2016	Working
205	Casuality	Syringe Pump	Organge	Flow Prima	Organge Medical		04-02-2014	04-01-2016	Working
206	Emergency Medicine	Ultra Sound Scanner	Esote	Mylab 40	Esote India		15/01/2016	14/01/2019	Working
207	Emergency Medicine	Syringe Pump	Plenum Tech Pvt Ltd	Zion +	Plenum Tech	Rs 29,252.71	15/06/2016	14/06/2019	Working

S.No	Department	Equipment	Manufacturer	Model	Supplier	Price	War Start	War End	Status
208	Emergence Medicine	Syringe Pump	Plenum Tech Pvt Ltd	Zion +	Plenum Tech	Rs 29,252.71	15/06/2016	14/06/2019	Working
209	Emergence Medicine	Syringe Pump	Plenum Tech Pvt Ltd	Zion +	Plenum Tech	Rs 29,252.71	15/06/2016	14/06/2019	Working
210	Emergence Medicine	Syringe Pump	Plenum Tech Pvt Ltd	Zion +	Plenum Tech	Rs 29,252.71	15/06/2016	14/06/2019	Working
211	Emergence Medicine	Syringe Pump	Plenum Tech Pvt Ltd	Zion +	Plenum Tech	Rs 29,252.71	15/06/2016	14/06/2019	Working
212	Emergence Medicine	Syringe Pump	Plenum Tech Pvt Ltd	Zion +	Plenum Tech	Rs 29,252.71	15/06/2016	14/06/2019	Working
213	Emergence Medicine	Syringe Pump	Plenum Tech Pvt Ltd	Zion +	Plenum Tech	Rs 29,252.71	15/06/2016	14/06/2019	Working
214	Emergence Medicine	Syringe Pump	Plenum Tech Pvt Ltd	Zion +	Plenum Tech	Rs 29,252.71	15/06/2016	14/06/2019	Working
215	Emergence Medicine	Syringe Pump	Plenum Tech Pvt Ltd	Zion +	Plenum Tech	Rs 29,252.71	15/06/2016	14/06/2019	Working
216	Emergence Medicine	Syringe Pump	Plenum Tech Pvt Ltd	Zion +	Plenum Tech	Rs 29,252.71	15/06/2016	14/06/2019	Working
217	Emergence Medicine	Syringe Pump	Plenum Tech Pvt Ltd	Zion +	Plenum Tech	Rs 29,252.71	15/06/2016	14/06/2019	Working
218	Emergence Medicine	Syringe Pump	Plenum Tech Pvt Ltd	Zion +	Plenum Tech	Rs 29,252.71	15/06/2016	14/06/2019	Working
219	Emergence Medicine	Syringe Pump	Plenum Tech Pvt Ltd	Zion +	Plenum Tech	Rs 29,252.71	15/06/2016	14/06/2019	Working
220	Emergence Medicine	Syringe Pump	Plenum Tech Pvt Ltd	Zion +	Plenum Tech	Rs 29,252.71	15/06/2016	14/06/2019	Working
221	Emergence Medicine	Syringe Pump	Plenum Tech Pvt Ltd	Zion +	Plenum Tech	Rs 29,252.71	15/06/2016	14/06/2019	Working
222	Emergence Medicine	Syringe Pump	L&T	SP102	L&T		11-04-2009	11-03-2011	Working
223	Emergence Medicine	Syringe Pump	Fresenius	Injectomat/Agilia	Medi		19/03/09	18/03/14	Working
224	Emergence Medicine	<b>Defibrillator</b>	Mindray	BeneHeart D3	Green Apple		19/07/2016	18/07/2018	Working
225	Emergence Medicine	Multi Para Monitor	Mindray	Beneview T8	Instromedic		02-04-2010	02-03-2012	Working
226	Emergence Medicine	Multi Para Monitor	Mindray	Beneview T8	Instromedic		02-04-2010	02-03-2012	Working
227	Emergence Medicine	Multi Para Monitor	Bionet	BM 5	Vijetha		28/09/16	27/09/17	Working

S.No	Department	Equipment	Manufacturer	Model	Supplier	Price	War Start	War End	Status
228	Emergence Medicine	Multi Para Monitor	Bionet	BM 5	Vijetha		28/09/16	27/09/17	Working
229	Emergence Medicine	Multi Para Monitor	Bionet	BM 5	Vijetha		28/09/16	27/09/17	Working
230	Emergence Medicine	Multi Para Monitor	Bionet	BM 5	Jk Medical		09-06-2017	09-05-2018	Working
231	Emergence Medicine	Multi Para Monitor	Bionet	BM 5	Jk Medical		09-06-2017	09-05-2018	Working
232	Emergence Medicine	Multi Para Monitor	Bionet	BM 5	Jk Medical		09-06-2017	09-05-2018	Working
233	Emergence Medicin Ex	Multi Para Monitor	Mindray	Beneview T8	Instromedic		02-04-2010	02-03-2012	Working
234	Emergence Medicine Ex	Multi Para Monitor	Mindray	Beneview T8	Instromedic		02-04-2010	02-03-2012	Working
235	Emergence Medicin Ex	Multi Para Monitor	Mindray	Beneview T8	Instromedic		02-04-2010	02-03-2012	Working
236	Emergence Medicine Ex	Multi Para Monitor	Mindray	Beneview T8	Instromedic		02-04-2010	02-03-2012	Working
237	Emergence Medicin Ex	Multi Para Monitor	Mindray	Beneview T8	Instromedic		02-04-2010	02-03-2012	Working
238	Emergence Medicine Ex	Multi Para Monitor	Mindray	Beneview T8	Instromedic		02-04-2010	02-03-2012	Working
239	Emergence Medicin Ex	Multi Para Monitor	Mindray	Beneview T8	Instromedic		02-04-2010	02-03-2012	Working
240	Emergence Medicine Ex	Multi Para Monitor	Mindray	Beneview T8	Instromedic		02-04-2010	02-03-2012	Working
241	Emergence Medicin Ex	Multi Para Monitor	Mindray	Beneview T8	Instromedic		02-04-2010	02-03-2012	Working
242	Medicine/MICU	<b>Sleep Lab System</b>	Natus medical	Sleep Scan	Sleep Scan		26/03/09	25/03/11	Working
243	Medicine/MICU	<b>PFT System</b>	Morgan	Bench Mark	PK Morgan		26/08/03	25/08/06	Working
244	Medicine/MICU	<b>PFT System</b>	NDD	Easyone Pro Lab	Jk Med		10-01-2016	31/09/2021	Working
245	Medicine/MICU	Multi Para Monitor	Mindray	Beneview T8	Instromedic		02-04-2010	02-03-2012	Working
246	Medicine/MICU	Multi Para Monitor	Mindray	Beneview T8	Instromedic		02-04-2010	02-03-2012	Working
247	Medicine/MICU	Multi Para Monitor	Mindray	Beneview T8	Instromedic		02-04-2010	02-03-2012	Working
248	Medicine/MICU	Multi Para Monitor	Mindray	Beneview T8	Instromedic		02-04-2010	02-03-2012	Working
249	Medicine/MICU	Multi Para Monitor	Mindray	Beneview T8	Instromedic		02-04-2010	02-03-2012	Working
250	Medicine/MICU	Multi Para Monitor	Mindray	Beneview T8	Instromedic		02-04-2010	02-03-2012	Working
251	Medicine/END O Ward	Multi Para Monitor	Mindray	Beneview T8	Instromedic		02-04-2010	02-03-2012	Working

S.No	Department	Equipment	Manufacturer	Model	Supplier	Price	War Start	War End	Status
252	Medicine /ENDO Ward	Multi Para Monitor	Mindray	Beneview T8	Instromedic		02-04-2010	02-03-2012	Working
253	Medicine/MICU	Spectro Photometer	Elico	BL-200	Sri Vijaya		23/01/10	22/01/12	Working
254	Medicine/MICU	ECG Recprder	BioNet	Cardio 7	Vijetha		27/08/2014	26/08/2015	Working
255	Medicine/MICU	ICU Ventilator	Tecme	Grpahnet	Meditronic		10-01-2011	31/09/2013	Working
256	Medicine/MICU	ICU Ventilator	Tecme	Grpahnet	Meditronic		10-01-2011	31/09/2013	Working
257	Medicine/MICU	ICU Ventilator	Tecme	Grpahnet	Meditronic		10-01-2011	31/09/2013	Working
258	Medicine/MICU	ICU Ventilator	Tecme	Grpahnet	Meditronic		10-01-2011	31/09/2013	Working
259	Medicine/MICU	Deep Freezer -86	Forma	991	Vijaya		02-04-2013	02-03-2018	Working
260	Medicine/MICU	Deep Freezer -40	Terumo penpol	Df 40U	Terumo		09-05-2013	09-04-2018	Working
261	Medicine/MICU	Deep Freezer -40	Terumo penpol	Df 40U	Terumo		09-05-2013	09-04-2018	Working
262	Medicine/MICU	Defibrillator	BPL	DF 2509R	Bharat Medi				Working
263	Medicine/MICU	Syringe Pump	L&T	SP102	L&T		11-04-2009	11-03-2011	Working
264	Medicine/MICU	Syringe Pump	Fresenius	Injectomat/Agilia	Medi		19/03/09	18/03/14	Working
265	Medicine/MICU	Syringe Pump	Plenum Tech Pvt Ltd	Zion +	Plenum Tech		16/12/16	15/12/19	Working
266	Medicine/MICU	Syringe Pump	Plenum Tech Pvt Ltd	Zion +	Plenum Tech		16/12/16	15/12/19	Working
267	Medicine/MICU	Syringe Pump	Plenum Tech Pvt Ltd	Zion +	Plenum Tech		16/12/16	15/12/19	Working
268	Medicine/MICU	Syringe Pump	Plenum Tech Pvt Ltd	Zion +	Plenum Tech		16/12/16	15/12/19	Working
269	Medicine/MICU	Syringe Pump	Plenum Tech Pvt Ltd	Zion +	Plenum Tech		16/12/16	15/12/19	Working
270	Medicine/MICU	Syringe Pump	Plenum Tech Pvt Ltd	Zion +	Plenum Tech		16/12/16	15/12/19	Working
271	<b>Pranadhana ward</b>	Multi Para Monitor	Mindray	Beneview T8	Instromedic		02-04-2010	02-03-2012	Working
272	Pranadhana ward	Multi Para Monitor	Mindray	PM-8000	Instromedic		02-07-2010	02-06-2012	Working
273	Pranadhana ward	Syringe Pump	Neuron BioMed	SP 102	L & T		11-04-2009	11-03-2011	Working
274	Pranadhana ward	Syringe Pump	Neuron BioMed	SP 102	L & T		11-04-2009	11-03-2011	Working
275	<b>Ashis Ward</b>	Syringe Pump	Neuron BioMed	SP 102	L & T		11-04-2009	11-03-2011	Working
276	Ashis Ward	Syringe Pump	Neuron BioMed	SP 102	L & T		11-04-2009	11-03-2011	Working
277	<b>Endo crinology -Lab</b>	Auto Beta Counter	Wallac	1409	Pharmacia	1997	2000	working	

S.No	Department	Equipment	Manufacturer	Model	Supplier	Price	War Start	War End	Status
278	Endo crinology -Lab	Manual Gamma Counter	ECIL	W76415	ECIL		1997	1998	Working
279	Endo crinology -Lab	Centrifuge	Remi	R8C	Remi		1997	1998	Working
280	Endo crinology -Lab	Centrifuge	Remi	R8C	Remi		1997	1998	Working
281	Endo crinology -Lab	Cooling Centrifuge	Remi		Indian Scientific	21/10/00	20/10/01		Working
282	Endo crinology -Lab	Bone Densitometer	Hologic	Discovery-A	ADS Medical	02-02-2007	02-01-2010		Working
283	Endo crinology -Lab	PCR System	Eppendorf	MasterCycler Nexus	Eppendorf	23/12/2014	22/12/2019		Working
284	Endo crinology -Lab	Deep Freezer -40 Deg C	Terumo	DF40u	Terumo	18/07/09	17/07/12		Working
285	Endo crinology -Lab	Deep Freezer -40 Deg C	Terumo	DF40u	Terumo	30/09/16	29/09/19		Working
286	Endo crinology -Lab	Deep Freezer -20 Deg C	Terumo	DF40u	Terumo	30/09/16	29/09/19		Working
287	Endo crinology -Lab	Chemi Illuminance system	Beckman	Acess-2	Beckman India	03-05-2013			Working
288	Endo crinology -Lab	Chemi Illuminance system	Beckman	Acess-2	Beckman India	15/10/2016			Working
289	Endo crinology -Lab	A1C Analyzer	BioRad	D-10	Pooja Medical	23/2/12			Working
290	Endo crinology -Lab	A1C Analyzer	BioRad	D-10	Pooja Medical	23/2/12			Working
291	Endo crinology -Lab	Elisa Reder	Bio Tek	Max 200	MediSoec	23/03/10	22/03/15		Working
292	Endo crinology -Lab	Cooling Centrifuge	Remi	CPR-30 Plus	Medicoy	16/11/2016	15/11/2021		Working
293	Endo crinology -Lab	Cardiac Autonomic Neuropathy System Analyser	Royal Medi System	CANS 504	Royal Medi System	2,44,720	05.04.2018	04.04.2019	Working
294	ENDO Ward	Multi Para Monitor	Mindray	Beneview T8	Instromedic	02-04-2010	02-03-2012		Working
295	ENDO Ward	Multi Para Monitor	Mindray	Beneview T8	Instromedic	02-04-2010	02-03-2012		Working
296	ENDO Ward	Multi Para Monitor	Mindray	Beneview T8	Instromedic	02-04-2010	02-03-2012		Working
297	ENDO Ward	Multi Para Monitor	Mindray	Beneview T8	Instromedic	02-04-2010	02-03-2012		Working
298	ENDO Ward	Multi Para Monitor	Mindray	Beneview T8	Instromedic	02-04-2010	02-03-2012		Working
299	ENDO Ward	Syringe Pump	Fresenius	Injectomat/Agilia	Medi	19/03/09	18/03/14		Working
300	ENDO Ward	Syringe Pump	Fresenius	Injectomat/Agilia	Medi	19/03/09	18/03/14		Working

S.No	Department	Equipment	Manufacturer	Model	Supplier	Price	War Start	War End	Status
301	ENDO Ward	Syringe Pump	Neuron BioMed	SP 102	L & T		11-03-2009	18/03/14	Working
302	ENDO Ward	Syringe Pump	Neuron BioMed	SP 102	L & T		11-03-2009	18/03/14	Working
303	ENDO Ward	Pulse Oximeter	MediAid		Micronic		23/01/2010	22/01/2012	Working
304	Radiology	<b>CR System with Laser printer-Main Block</b>	Care stream	Classic	Care Stream		07-02-2013	07-01-2018	Working
305	Radiology	<b>CR System with Laser printer-opd</b>	Care stream	Classic	Care Stream		22/5/2013	21/5/2018	Working
306	Radiology	<b>CT Scan - 128 slice with laser printer &amp; Faculty Work Station</b>	Siemens	Definision As +	Seimens india		02-10-2010	02-09-2015	Working
	3.1	<b>CT-128 Definition +</b>							
	3.2	<b>Faculty Work Station</b>							
	3.3	<b>0</b>							
	3.4	<b>Defibrillator</b>							
	3.5	<b>Fluro system</b>							
	3.6	<b>Laser Printer-Film</b>							
	3.7	<b>UPS</b>							
307	Radiology	<b>MRI Scan 1.5 Tesla</b>	Siemens	Aera	Seimens		27/01/2014	26/01/2019	Working
	4.1	<b>MRI Scan- 1.5Tesla</b>							
	4.2	<b>Faculty Work Station</b>							
	4.3	<b>Laser Film printer</b>							
	4.4	<b>MRI Com Pulse Oximeter</b>							
	4.5	<b>Anaesthsia work station with Multi Monitor</b>							
	4.6	<b>Metal Detector-Stand type-2Nos</b>							
	4.7	<b>Metal Detector-Hand Held type-2Nos</b>							
	4.8	<b>Pressure Injector</b>							
	4.9	<b>UPS</b>							

S.No	Department	Equipment	Manufacturer	Model	Supplier	Price	War Start	War End	Status
4.1 Air Conditioning System									
308	Radiology	<b>ultra Sound Scanner</b>	Siemens	Sonoline G40	siemens	15/03/08	14/03/11	Working	
309	Radiology	<b>Ultra Sound Scanner</b>	Philips	IU22	Philips India	12-01-2009	31/11/2011	Working	
310	Radiology	<b>Ultra Sound Scanner</b>	G E	Voluson 730 Pro	GE	24/03/2011	23/03/2013	Working	
311	Radiology	<b>ultra Sound Scanner</b>	Esote	Mylab 40	Esote India	15/01/2016	14/01/2019	Working	
312	Radiology	<b>ultra Sound Scanner</b>	Esote	Mylab 40	Esote India	15/01/2016	14/01/2019	Working	
313	Radiology	<b>ultra Sound Scanner</b>	Esote	Mylab 40	Esote India	15/01/2016	14/01/2019	Working	
314	Radiology	Ultra Sound Color Doppler	Esote	MYLAB TWICE	Healthware	RS 48, 00, 000/-	20/07/2016	19/07/2021	Working
315	Radiology	<b>X-Ray 1000ma OPD</b>	Listen Korea	1000mA	Platinum		14/10/2011	13/10/2013	Working
316	Radiology	<b>Digital X-Ray</b>	Sedecal/Canon	Prorad 3N	Pronosysd		19/12/2013	18/12/2015	Working
317	Radiology	<b>X-Ray 500mA OPD</b>	Medtronics/Philips	Dignox 4050	Philips India	15-03-2013	14/03/2015	Working	
318	Radiology	<b>X-Ray 500mA</b>	Siemens	polyphos	Siemens	26/02/92	25/02/95	Working	
319	Radiology	<b>X-Ray Mobile</b>	Siemens	Multi Mobile	Siemens	25/05/00	24/11/01	Working	
320	Radiology	<b>X-Ray Mobile</b>	Allenger	Opel 3.5/ SBM	Allenger	10-05-2009	10-04-2014	Working	
321	Radiology	<b>X-Ray Mobile</b>	Allenger	Opel 3.5/ SBM	Allenger	10-05-2009	10-04-2014	Working	
322	Radiology	<b>X-Ray Mobile</b>	Allenger	Opel 3.5/ SBM	Allenger	10-05-2009	10-04-2014	Working	
323	Radiology	<b>X-Ray Mobile</b>	Adonis medica	AE 100 HF	Adonis medica	03-10-2016	03-09-2021	Working	
324	Radiology	X-Ray Mobile	Adonis medica	AE 100 HF	Adonis medica	03-10-2016	03-09-2021	Working	
325	Radiology	X-Ray Mobile	Adonis medica	AE 100 HF	Adonis medica	03-10-2016	03-09-2021	Working	
326	Radiology	X-Ray Mobile	Adonis medica	AE 100 HF	Adonis medica	03-10-2016	03-09-2021	Working	
327	Radiology	Mamography	Metaltronica	Lylium BYM	Bet Medical	Rs42, 77, 263	29/04/2016	28/04/2021	Working
328	Radiology	800mA x-ray Machine with Fluoroscopy & Image Intensifier	IRIS Healthcare	Luminous Select	Siemens	1,30,00,000	04-05-2018	03-05-2023	Working
329	<b>NUCLEAR MEDICINE</b>	Gamma Camera with Work station, UPS, laser printer, Schiller make TMT	Siemens	Symbia	Siemens India		17/11/2009	16/11/2014	Working
330	<b>NUCLEAR MEDICINE</b>	Dose Calibrator	Capintec	CRC7	Wipro GE	08-10-1994	08-09-1997	Working	

S.No	Department	Equipment	Manufacturer	Model	Supplier	Price	War Start	War End	Status
331	NUCLEAR MEDICINE	Radiation Monitor	ECIL	RM4564	Wipro GE		08-10-1994	08-09-1997	Working
332	NUCLEAR MEDICINE	Radiation Survey meter	ECIL	MR450A	Wipro GE		08-10-1994	08-09-1997	Working
333	NUCLEAR MEDICINE	Pet CT - with Laser paper printer, Laser Film printer, Work station, UPS, Contamination monitor extra	Siemens	Biograph	Siemens India		26/10/2010	25/10/2015	Working
334	NUCLEAR MEDICINE	Defibrillator	BPL	DF-2509	BPL		12-12-2008	12-11-2011	Working
335	NUCLEAR MEDICINE	Syringe Pump	Plenum Tech Pvt Ltd	Zion +	Plenum Tech		2014	2017	Working
336	Anaesthesiology	ICU Ventilator	GE Datex Ohmeda	Engstrom	GE Datex Ohmeda		30/11/2009	29/11/2011	Working
337	Anaesthesiology	ICU Ventilator	GE Datex Ohmeda	Engstrom	GE Datex Ohmeda		30/11/2009	29/11/2011	Working
338	Anaesthesiology	ICU Ventilator	GE Datex Ohmeda	Engstrom	GE Datex Ohmeda		30/11/2009	29/11/2011	Working
339	Anaesthesiology	ICU Ventilator	GE Datex Ohmeda	Engstrom	GE Datex Ohmeda		30/11/2009	29/11/2011	Working
340	Anaesthesiology	ICU Ventilator	GE Datex Ohmeda	Engstrom	GE Datex Ohmeda		30/11/2009	29/11/2011	Working
341	Anaesthesiology	ICU Ventilator	Marquet	Servo-I	Maquet India		27/05/09	26/05/14	Working
342	Anaesthesiology	ICU Ventilator	Marquet	Servo-I	Maquet India		27/05/09	26/05/14	Working
343	Anaesthesiology	ICU Ventilator	Marquet	Servo-I	Maquet India		27/05/09	26/05/14	Working
344	Anaesthesiology	ICU Ventilator	Marquet	Servo-I	Maquet India		27/05/09	26/05/14	Working
345	Anaesthesiology	ICU Ventilator	Marquet	Servo-I	Maquet India		27/05/09	26/05/14	Working
346	Anaesthesiology	ICU Ventilator	Marquet	Servo-I	Maquet India		27/05/09	26/05/14	Working
347	Anaesthesiology	ICU Ventilator	Marquet	Servo-I	Maquet India		27/05/09	26/05/14	Working
348	Anaesthesiology	ICU Ventilator	Marquet	Servo-I	Maquet India		27/05/09	26/05/14	Working
349	Anaesthesiology	ICU Ventilator	Marquet	Servo-I	Maquet India		27/05/09	26/05/14	Working
350	Anaesthesiology	ICU Ventilator	Marquet	Servo-I	Maquet India		27/05/09	26/05/14	Working
351	Anaesthesiology	ICU Ventilator	Marquet	Servo-I	Maquet India		27/05/09	26/05/14	Working

S.No	Department	Equipment	Manufacturer	Model	Supplier	Price	War Start	War End	Status
y									
352	Anaesthesiologist	ICU Ventilator	Marquet	Servo-I	Maquet India	27/05/09	26/05/14	Working	
353	Anaesthesiologist	ICU Ventilator	Marquet	Servo-I	Maquet India	27/05/09	26/05/14	Working	
354	Anaesthesiologist	ICU Ventilator	Marquet	Servo-I	Maquet India	27/05/09	26/05/14	Working	
355	Anaesthesiologist	ICU Ventilator	Marquet	Servo-I	Maquet India	27/05/09	26/05/14	Working	
356	Anaesthesiologist	ICU Ventilator	Marquet	Servo-I	Maquet India	27/05/09	26/05/14	Working	
357	Anaesthesiologist	ICU Ventilator	Marquet	Servo-I	Maquet India	27/05/09	26/05/14	Working	
358	Anaesthesiologist	ICU Ventilator	Marquet	Servo-I	Maquet India	27/05/09	26/05/14	Working	
359	Anaesthesiologist	ICU Ventilator	Marquet	Servo-I	Maquet India	27/05/09	26/05/14	Working	
360	Anaesthesiologist	ICU Ventilator	Marquet	Servo-I	Maquet India	27/05/09	26/05/14	Working	
361	Anaesthesiologist	ICU Ventilator	Marquet	Servo-I	Maquet India	27/05/09	26/05/14	Working	
362	Anaesthesiologist	ICU Ventilator	Marquet	Servo-I	Maquet India	27/05/09	26/05/14	Working	
363	Anaesthesiologist	Ana Work Station	GE Datex Ohmeda	Aestiva 7900	GE Datex India	07-12-2010	07-11-2012	Working	
364	Anaesthesiologist	Ana Work Station	GE Datex Ohmeda	Aestiva 7900	GE Datex India	07-12-2010	07-11-2012	Working	
365	Anaesthesiologist	Ana Work Station	GE Datex Ohmeda	Aestiva 7900	GE Datex India	07-12-2010	07-11-2012	Working	
366	Anaesthesiologist	Ana Work Station	Drager	Fabius plus	Drager india	08-08-2010	08-07-2012	Working	
367	Anaesthesiologist	Ana Work Station	Drager	Fabius plus	Drager india	08-08-2010	08-07-2012	Working	
368	Anaesthesiologist	Ana Work Station	Drager	Fabius plus	Drager india	08-08-2010	08-07-2012	Working	
369	Anaesthesiologist	Ana Work Station	Drager	Fabius plus	Drager india	08-08-2010	08-07-2012	Working	
370	Anaesthesiologist	Ana Work Station	Drager	Fabius plus	Drager india	08-08-2010	08-07-2012	Working	
371	Anaesthesiologist	Ana Work Station	Drager	Fabius plus	Drager india	01-01-2012	31/12/2014	Working	
372	Anaesthesiologist	Ana Work Station	Drager	Fabius plus	Drager india	01-01-2012	31/12/2014	Working	
373	Anaesthesiologist	Ana Work Station	Drager	Fabius plus	Drager india	01-01-2012	31/12/2014	Working	

S.No	Department	Equipment	Manufacturer	Model	Supplier	Price	War Start	War End	Status
374	Anaesthesiologist	Ana Work Station	Drager	Fabius plus	Drager india		01-01-2012	31/12/2014	Working
375	Anaesthesiologist-RICU	Syringe Pump	Neuron BioMed	SP 102	L & T		23/01/2010	22/01/2012	Working
376	Anaesthesiologist-RICU	Syringe Pump	Neuron BioMed	SP 102	L & T		23/01/2010	22/01/2012	Working
377	Anaesthesiologist-RICU	Syringe Pump	Neuron BioMed	SP 102	L & T		23/01/2010	22/01/2012	Working
378	Anaesthesiologist-RICU	Syringe Pump	Neuron BioMed	SP 102	L & T		23/01/2010	22/01/2012	Working
379	Anaesthesiologist-RICU	Syringe Pump	Neuron BioMed	SP 102	L & T		23/01/2010	22/01/2012	Working
380	Anaesthesiologist-RICU	Syringe Pump	Neuron BioMed	SP 102	L & T		23/01/2010	22/01/2012	Working
381	Anaesthesiologist-RICU	Syringe Pump	Neuron BioMed	SP 102	L & T		23/01/2010	22/01/2012	Working
382	Anaesthesiologist-RICU	Syringe Pump	Neuron BioMed	SP 102	L & T		23/01/2010	22/01/2012	Working
383	Anaesthesiologist-RICU	Syringe Pump	Neuron BioMed	SP 102	L & T		23/01/2010	22/01/2012	Working
384	Anaesthesiologist-RICU	Syringe Pump	Neuron BioMed	SP 102	L & T		23/01/2010	22/01/2012	Working
385	Anaesthesiologist	Vigileo monitor	Edwards life sciences	vigileo	Medical bionic	Rs6,48,375	06-06-2013	06-05-2018	Working
386	Anaesthesiologist	Syringe Pump	Fresenius	Injectomat/Agilia	Medi		19/03/09	18/03/14	Working
387	Anaesthesiologist	Syringe Pump	Fresenius	Injectomat/Agilia	Medi		19/03/09	18/03/14	Working
388	Anaesthesiologist	Syringe Pump	Fresenius	Injectomat/Agilia	Medi		19/03/09	18/03/14	Working
389	Anaesthesiologist	Syringe Pump	Fresenius	Injectomat/Agilia	Medi		19/03/09	18/03/14	Working
390	Anaesthesiologist	Syringe Pump	Fresenius	Injectomat/Agilia	Medi		19/03/09	18/03/14	Working
391	Anaesthesiologist	Syringe Pump	Fresenius	Injectomat/Agilia	Medi		19/03/09	18/03/14	Working
392	Anaesthesiologist	Syringe Pump	Fresenius	Injectomat/Agilia	Medi		19/03/09	18/03/14	Working
393	Anaesthesiologist	Syringe Pump	Fresenius	Injectomat/Agilia	Medi		19/03/09	18/03/14	Working
394	Anaesthesiologist	Syringe Pump	Fresenius	Injectomat/Agilia	Medi		19/03/09	18/03/14	Working
395	Anaesthesiologist	Syringe Pump	Fresenius	Injectomat/Agilia	Medi		19/03/09	18/03/14	Working
396	Anaesthesiologist	Multi Para Monitor	Philips	MP 60	Philips	US\$19,283	29/10/08	28/10/11	Working

S.No	Department	Equipment	Manufacturer	Model	Supplier	Price	War Start	War End	Status
y									
397	Anaesthesiologist	Multi Para Monitor	Philips	MP60	Philips	US\$19,283	29/10/08	28/10/11	Working
398	Anaesthesiologist	Multi Para Monitor	Philips	MP 60	Philips	US\$19,283	29/10/08	28/10/11	Working
399	Anaesthesiologist	Multi Para Monitor	Philips	MP 60	Philips	US\$19,283	29/10/08	28/10/11	Working
400	Anaesthesiologist	Multi Para Monitor	Philips	MP 60	Philips	US\$19,283	29/10/08	28/10/11	Working
401	Anaesthesiologist	Multi Para Monitor	Philips	MP 60	Philips	US\$19,283	29/10/08	28/10/11	Working
402	Anaesthesiologist	Multi Para Monitor	Philips	MP60	Philips	US\$19,283	29/10/08	28/10/11	Working
403	Anaesthesiologist	Multi Para Monitor	Philips	MP 60	Philips	US\$19,283	29/10/08	28/10/11	Working
404	Anaesthesiologist	Multi Para Monitor	Philips	MP 60	Philips	US\$19,283	29/10/08	28/10/11	Working
405	Anaesthesiologist	Multi Para Monitor	Philips	MP 60	Philips	US\$19,283	29/10/08	28/10/11	Working
406	Anaesthesiologist	Multi Para Monitor	Philips	X2 MMS	Philips	US\$19,283	29/10/08	28/10/11	Working
407	Anaesthesiologist	Multi Para Monitor	Philips	X2 MMS	Philips	US\$19,283	29/10/08	28/10/11	Working
408	Anaesthesiologist	Multi Para Monitor	Philips	X2 MMS	Philips	US\$19,283	29/10/08	28/10/11	Working
409	Anaesthesiologist	Multi Para Monitor	Philips	X2 MMS	Philips	US\$19,283	29/10/08	28/10/11	Working
410	Anaesthesiologist	Multi Para Monitor	Philips	X2 MMS	Philips	US\$19,283	29/10/08	28/10/11	Working
411	Anaesthesiologist	Multi Para Monitor	Mindray	Beneview T8	Instromedic		02-04-2010	02-03-2012	Working
412	Anaesthesiologist	Multi Para Monitor	Mindray	Beneview T8	Instromedic		02-04-2010	02-03-2012	Working
413	Anaesthesiologist	Multi Para Monitor	Mindray	Beneview T8	Instromedic		02-04-2010	02-03-2012	Working
414	Anaesthesiologist	Multi Para Monitor	Mindray	Beneview T8	Instromedic		02-04-2010	02-03-2012	Working
415	Anaesthesiologist	Multi Para Monitor	Mindray	Beneview T8	Instromedic		02-04-2010	02-03-2012	Working
416	Anaesthesiologist	Multi Para Monitor	Mindray	Beneview T8	Instromedic		02-04-2010	02-03-2012	Working
417	Anaesthesiologist	Multi Para Monitor	Mindray	Beneview T8	Instromedic		02-04-2010	02-03-2012	Working
418	Anaesthesiologist	Multi Para Monitor	Mindray	Beneview T8	Instromedic		02-04-2010	02-03-2012	Working

S.No	Department	Equipment	Manufacturer	Model	Supplier	Price	War Start	War End	Status
419	Anaesthesiologist-RICU	Multi Para Monitor	Mindray	Beneview T8	Instromedic		02-04-2010	02-03-2012	Working
420	Anaesthesiologist-RICU	Multi Para Monitor	Mindray	Beneview T8	Instromedic		02-04-2010	02-03-2012	Working
421	Anaesthesiologist-RICU	Multi Para Monitor	Mindray	Beneview T8	Instromedic		02-04-2010	02-03-2012	Working
422	Anaesthesiologist-RICU	Multi Para Monitor	Mindray	Beneview T8	Instromedic		02-04-2010	02-03-2012	Working
423	Anaesthesiologist-RICU	Multi Para Monitor	Mindray	Beneview T8	Instromedic		02-04-2010	02-03-2012	Working
424	Anaesthesiologist-RICU	Multi Para Monitor	Mindray	Beneview T8	Instromedic		02-04-2010	02-03-2012	Working
425	Anaesthesiologist-RICU	Multi Para Monitor	Mindray	Beneview T8	Instromedic		02-04-2010	02-03-2012	Working
426	Anaesthesiologist-RICU	Multi Para Monitor	Mindray	Beneview T8	Instromedic		02-04-2010	02-03-2012	Working
427	Anaesthesiologist-RICU	Blood Gas Analyzer	RadioMeter	ABL 800	JK Medical	28/06/2016			Working
428	Anaesthesiologist-RICU	Defibrillator	Philips	Heartstart XL	Philips				Working
429	Anaesthesiologist	Flexible Intubating Video Endoscope	Karl-Storz		Medifocus (I)		26-12-2017	25-12-2022	Working
430	CT SURGERY OT	Heart Lung Machine	Sarns	System 8000 pumps	J.Mitra	18/01/93	17/01/96		Working
431	CT SURGERY OT	Heart Lung Machine	Maquet	HL 20	Olympus	18/04/2007	17/04/2010		Working
		Heater Cooler Unit	Maquet	HUC 30	Olympus				Working
432	CT SURGERY OT	Heart Lung Machine	Maquet	HL 20	Maquet India	20/01/2016	19/01/2021		Working
		Heater Cooler Unit	Maquet	HCU 40					Working
433	CT SURGERY OT	Heater Cooler Unit	Sorin	HCU 3T	ARCOM	01-08-2016	01-07-2021		Working
434	CT SURGERY OT	Heater Cooler Unit	Sorin	HCU 3T	ARCOM	01-08-2016	01-07-2021		Working
435	CT SURGERY OT	OT Light	Martin	V16 + V 10	Vishal	26/06/09	25/06/11		Working
436	CT SURGERY OT	OT Light	Martin	V16 + V 10	Vishal	26/06/09	25/06/11		Working
437	CT SURGERY OT	OT Light	Martin	V16 + V 10	Vishal	21/09/12	20/09/17		Working
438	CT SURGERY OT	OT Table	Takeuchi	TS-103	Vishal	10-10-2006	10-09-2009		Working
439	CT SURGERY OT	OT Table	Takeuchi	TS-103	Vishal	11-10-2006	09-10-2009		Working

S.No	Department	Equipment	Manufacturer	Model	Supplier	Price	War Start	War End	Status
440	CT SURGERY OT	OT Table	Mizuho	5100	Moola Tools				
441	CT SURGERY OT	Surgical Diathermy	Valley Lab	Force RX	Asian		14/11/07	13/11/10	Working
442	CT SURGERY OT	Surgical Diathermy	Valley Lab	Force RX	Asian		04-10-2008	04-09-2011	Working
443	CT SURGERY OT	Surgical Diathermy	Alsa	EXCEL 350 MCD	Advanced Med		02-04-2005	02-03-2008	Working
444	CT SURGERY OT	Electro Surgical Diathermy	Div Labs	Trinity-QRF	Div Labs		25/05/2012	24/05/2014	Working
445	CT SURGERY OT	Electro Surgical Diathermy	Div Labs	Trinity-QRF	Div Labs		25/05/2012	24/05/2014	Working
446	CT SURGERY OT	ACT Macine	Meditronics	ACT 200	medtronic india		15/12/2015	14/12/2016	Working
447	CT SURGERY OT	Brahco Scope	Pentex	EB-1975K	Sisco		25.04.2018	24.05.2023	Working
448	CT SURGERY OT	IABP	Datacope	CS100	Advanced Micronic		06-01-2007	05-01-2010	Working
449	CT SURGERY OT	IABP	Datacope	CS300	Advanced Micronic		28/06/2013	27/06/2018	Working
450	CT SURGERY OT	Stenum Saw-Manman	Sisco		Sisco		01-07-2005	05-06-2006	Working
451	CT SURGERY OT	Defibrillator	Mindray	BeneHeart D3	Green Apple		30/12/2015	29/12/2020	Working
452	CT SURGERY OT	Defibrillator	Philips	HeartStart XL	Philips				
453	CT SURGERY OT	Stenum Saw-Manman	Sisco		Sisco		14/02/17	13/02/18	Working
454	CT SURGERY OT	Resternotomy-Redo-Saw	Sisco		Sisco		14/02/17	13/02/18	Working
455	CT SURGERY OT	Resternotomy-Redo-Saw	Sisco		Sisco		14/02/17	13/02/18	Working
456	CT SURGERY OT	Harmonic Scapel	J&J	Gen 11	J&J india		11-10-2017	11-09-2018	Working
457	CT Surgery RR	Patient Monitor	Philips	MP 20	Philips	US\$6493	14/07/05	13/07/08	Working
458	CT Surgery RR	Patient Monitor	Philips	MP20	Philips	US\$6493	14/07/05	13/07/08	Working
459	CT Surgery RR	Patient Monitor	Philips	MP 20	Philips	US\$6493	14/07/05	13/07/08	Working
460	CT Surgery RR	Patient Monitor	Philips	MP 20	Philips	US\$6493	14/07/05	13/07/08	Working
461	CT Surgery RR	Patient Monitor	Philips	MP 20	Philips	US\$6493	14/07/05	13/07/08	Working
462	CT Surgery RR	Patient Monitor	Philips	MP 20	Philips	US\$6493	14/07/05	13/07/08	Working
463	CT Surgery RR	Patient Monitor	Philips	MP 20	Philips	US\$6493	14/07/05	13/07/08	Working

S.No	Department	Equipment	Manufacturer	Model	Supplier	Price	War Start	War End	Status
464	CT Surgery RR	Patient Monitor	Philips	MP 60	Philips	US\$19,283	29/10/08	28/10/11	Working
465	CT Surgery RR	Patient Monitor	Philips	MP 60	Philips	US\$19,283	29/10/08	28/10/11	Working
466	CT Surgery RR	Patient Monitor	Philips	MP 60	Philips	US\$19,283	29/10/08	28/10/11	Working
467	CT Surgery RR	Patient Monitor	Philips	MP 60	Philips	US\$19,283	29/10/08	28/10/11	Working
468	CT Surgery RR	Patient Monitor	Philips	MP 60	Philips	US\$19,283	29/10/08	28/10/11	Working
469	CT Surgery RR	Patient Monitor	Philips	MP 60	Philips	US\$19,283	29/10/08	28/10/11	Working
470	CT Surgery RR	Patient Monitor	Philips	MP60	Philips	US\$19,283	29/10/08	28/10/11	Working
471	CT Surgery RR	Patient Monitor	Philips	MP 60	Philips	US\$19,283	29/10/08	28/10/11	Working
472	CT Surgery RR	Patient Monitor	Philips	MP 60	Philips	US\$19,283	29/10/08	28/10/11	Working
473	CT Surgery RR	Patient Monitor	Philips	MP 60	Philips	US\$19,283	29/10/08	28/10/11	Working
474	CT Surgery RR	Patient Monitor	Philips	MP 60	Philips	US\$19,283	29/10/08	28/10/11	Working
475	CT Surgery RR	ECG Recorder	BioNet	Cardio 7	Vijetha		01-09-2014	31/8/2015	Working
476	CT Surgery RR	Syringe Pump	Organge	Flow Prima	Organge Medical		23/05/13	22/05/15	Working
477	CT Surgery RR	Syringe Pump	Organge	Flow Prima	Organge Medical		23/05/13	22/05/15	Working
478	CT Surgery RR	Syringe Pump	Organge	Flow Prima	Organge Medical		23/05/13	22/05/15	Working
479	CT Surgery RR	Syringe Pump	Organge	Flow Prima	Organge Medical		23/05/13	22/05/15	Working
480	CT Surgery RR	Syringe Pump	Organge	Flow Prima	Organge Medical		23/05/13	22/05/15	Working
481	CT Surgery RR	Syringe Pump	Organge	Flow Prima	Organge Medical		23/05/13	22/05/15	Working
482	CT Surgery RR	Syringe Pump	Organge	Flow Prima	Organge Medical		23/05/13	22/05/15	Working
483	CT Surgery RR	Syringe Pump	Organge	Flow Prima	Organge Medical		23/05/13	22/05/15	Working
484	CT Surgery RR	Syringe Pump	Organge	Flow Prima	Organge Medical		23/05/13	22/05/15	Working
485	CT Surgery RR	Syringe Pump	Organge	Flow Prima	Organge Medical		23/05/13	22/05/15	Working
486	CT Surgery RR	Syringe Pump	Organge	Flow Prima	Organge Medical	03-09-2013	02-09-2015	Working	
487	CT Surgery RR	Syringe Pump	Organge	Flow Prima	Organge Medical	03-09-2013	02-09-2015	Working	
488	CT Surgery RR	Syringe Pump	Organge	Flow Prima	Organge Medical	03-09-2013	02-09-2015	Working	

S.No	Department	Equipment	Manufacturer	Model	Supplier	Price	War Start	War End	Status
489	CT Surgery RR	Syringe Pump	Organge	Flow Prima	Organge Medical		03-09-2013	02-09-2015	Working
490	CT Surgery RR	Syringe Pump	Organge	Flow Prima	Organge Medical		03-09-2013	02-09-2015	Working
491	CT Surgery RR	Syringe Pump	Organge	Flow Prima	Organge Medical		03-09-2013	02-09-2015	Working
492	CT Surgery RR	Syringe Pump	Organge	Flow Prima	Organge Medical		03-09-2013	02-09-2015	Working
493	CT Surgery RR	Syringe Pump	Organge	Flow Prima	Organge Medical		03-09-2013	02-09-2015	Working
494	CT Surgery RR	Syringe Pump	Organge	Flow Prima	Organge Medical		03-09-2013	02-09-2015	Working
495	CT Surgery RR	Syringe Pump	Organge	Flow Prima	Organge Medical		03-09-2013	02-09-2015	Working
496	CT Surgery RR	Defibrillator	Mindray	BeneHeart D3	Green Apple		30/12/2015	29/12/2020	Working
497	CT Surgery RR	Syringe Pump	Fresenius	Injectomat	Mitie		04-07-2009	04-06-2014	Working
498	CT Surgery RR	Syringe Pump	Fresenius	Injectomat	Mitie		04-07-2009	04-06-2014	Working
499	CT Surgery RR	Syringe Pump	Fresenius	Injectomat	Mitie		04-07-2009	04-06-2014	Working
500	CT Surgery RR	Syringe Pump	Fresenius	Injectomat	Mitie		04-07-2009	04-06-2014	Working
501	CT Surgery RR	Syringe Pump	Fresenius	Injectomat	Mitie		04-07-2009	04-06-2014	Working
502	CT Surgery RR	Syringe Pump	Fresenius	Injectomat	Mitie		04-07-2009	04-06-2014	Working
503	CT Surgery RR	Syringe Pump	Fresenius	Injectomat	Mitie		04-07-2009	04-06-2014	Working
504	CT Surgery RR	Syringe Pump	Fresenius	Injectomat	Mitie		04-07-2009	04-06-2014	Working
505	CT Surgery RR	Syringe Pump	Fresenius	Injectomat	Mitie		04-07-2009	04-06-2014	Working
506	CT Surgery RR	Syringe Pump	Fresenius	Injectomat	Mitie		04-07-2009	04-06-2014	Working
507	CT Surgery RR	Syringe Pump	Fresenius	Injectomat	Mitie		04-07-2009	04-06-2014	Working
508	CT Surgery RR	Syringe Pump	Fresenius	Injectomat	Mitie		04-07-2009	04-06-2014	Working
509	CT Surgery RR	Blood Gas Analyzer	RadioMeter	Abl 800	JK Medical	28/06/2016			Working
510	CT ICU	Multi Para Monitor	Mindray	Beneview T8	Instromedic		02-04-2010	02-03-2012	Working
511	CT ICU	Multi Para Monitor	Mindray	Beneview T8	Instromedic		02-04-2010	02-03-2012	Working
512	CT ICU	Multi Para Monitor	Mindray	Beneview T8	Instromedic		02-04-2010	02-03-2012	Working
513	CT ICU	Multi Para Monitor	Mindray	Beneview T8	Instromedic		02-04-2010	02-03-2012	Working
514	CT ICU	Multi Para Monitor	Mindray	Beneview T8	Instromedic		02-04-2010	02-03-2012	Working

S.No	Department	Equipment	Manufacturer	Model	Supplier	Price	War Start	War End	Status
515	CT post operative Ward	ICU Ventilator	Tecme	Graphnet	Meditronic		11-01-2011	31/10/2013	Working
516	CT post operative Ward	ICU Ventilator	Tecme	Graphnet	Meditronic		11-01-2011	31/10/2013	Working
517	CT post operative Ward	Defibrillator	Philips	MRX	US00537833		28/04/10	27/04/12	Working
518	CT post operative Ward	Syringe Pump	Fresenius	Injectomat	Mitie		04-07-2009	04-06-2014	Working
519	CT post operative Ward	Syringe Pump	Fresenius	Injectomat	Mitie		04-07-2009	04-06-2014	Working
520	CT post operative Ward	Syringe Pump	Fresenius	Injectomat	Mitie		04-07-2009	04-06-2014	Working
521	CT post operative Ward	Syringe Pump	Fresenius	Injectomat	Mitie		04-07-2009	04-06-2014	Working
522	CT post operative Ward	Syringe Pump	Fresenius	Injectomat	Mitie		04-07-2009	04-06-2014	Working
523	CT post operative Ward	Pulse Oximeter	MediAid	900P	Micronic		23/01/2010	22/01/2012	Working
524	CT post operative Ward	Pulse Oximeter	MediAid	900p	Micronic		23/01/2010	22/01/2012	Working
525	CT post operative Ward	Syringe Pump	Baxter	Sep-105					Working
526	GE Extn/Lung OT	OT Light	Martin	V16 + V 10	Vishal		21/09/12	20/09/17	Working
527	GE Extn/Lung OT	OT Table	Trident	7000SB-Dr.Mac	Bet Medical		27/08/13	26/08/15	Working
528	GE Extn/Lung OT	Surgical Diathermy	Erbe	vio 300D	Trivitron		07-01-2013	31/6/2015	Working
529	UROLOGY OT	OT Light	Martin	V16 + V 10	Vishal		26/06/09	25/06/12	Working
530	UROLOGY OT	OT Light	Martin	V16 + V 10	Vishal		26/06/09	25/06/12	Working
531	UROLOGY OT	OT Light	Martin	V16 + V 10	Vishal		21/09/12	20/09/17	Working
532	UROLOGY OT	OT Table	Trident	7000SB-Dr.Mac	Bet Medical		27/08/13	26/08/15	Working
533	UROLOGY OT	OT Table	Trident	7000SB-Dr.Mac	Bet Medical		27/08/13	26/08/15	Working
534	UROLOGY OT	OT Table	Dr.Max	7000SKBD	Bet Medical		22/03/2017	21/03/2022	Working
535	UROLOGY OT	Surgical Diathermy	Alsa	Excel 350 MCD	Advanced Medical		01-05-2009	01-04-2012	Working
536	UROLOGY OT	Surgical Diathermy	Aesculap/B.Braun	GN300	Sisco				Working
537	UROLOGY OT	Surgical Diathermy	Martin	ME411	Visdhali				Working
538	UROLOGY OT	Mobile C-ARM	Siemens	Compact II	Siemens		31/08/12	30/08/13	Working

S.No	Department	Equipment	Manufacturer	Model	Supplier	Price	War Start	War End	Status
539	UROLOGY OT	3 Chip Camera system	Stykar		Indian Orthocare		02-11-2014	02-10-2017	Working
		12A	3 Chip camera	Stykar					Working
		12.2	Camera console	Stykar	1188 HD 3 Chip				Working
		12.3	Light Source	Stykar	X-8000				Working
		123.4	Monitor	Stykar	Vision Elect HDTV				Working
540	UROLOGY OT	3 Chip camera with light source,processor & Monitor	Karl Storz	Image-1 H3-Z	Vishal		24/04/2015	23/04/2018	Working
		13.1	3 Chip camera	Karl Storz					Working
		13.2	Camera Console	Karl Storz	22201020				Working
		13.3	Light Source	Karl Storz	LED Nova 150				Working
		13.4	Monitor	StorZ	9627NB/KsS-27				Working
541	UROLOGY OT	3 Chip camera with light source,processor & Monitor	Aesculap/B.Braun	PV460,PV462 & OP932	Global Life care		19/9/2013	18/9/2015	Working
		14.1	3 Chip camera	Aesculap/B.Braun					Working
		14.2	Camera console	Aesculap/B.Braun	Full HD				Working
		14.3	Light Source	Aesculap/B.Braun	AXEL 300				Working
		14.4	Insufflator , 20Litres	Aesculap/B.Braun	Flow 20				Working
		14.5	Monitor		SC-WU26-A1511				Working
		14.6	Monitor	Aesculap/B.Braun					Working
542	UROLOGY OT	single Chip camera with light source,processor & Monitor	Karl Storz						Working
		15.1	single Chip camera	Karl Storz					Working
		15.2	Camera console	Karl Storz					Working

S.No	Department	Equipment	Manufacturer	Model	Supplier	Price	War Start	War End	Status
	15.3	Light Source	Karl Storz	LED Nova 150					Working
	15.4	Insufflator , 20Litres	Karl Storz	26430520					Working
	15.5	Monitor	Sony	LMD-2110MD					Working
543	UROLOGY OT	Lithocast Master	EMS Medical		Health Ware	Euro 35705	01-12-2011	01-11-2016	Working
544	UROLOGY OT	Endo Cold Light	Karl Storz	4878	Vishal		26/02/93	25/02/96	Working
545	UROLOGY OT	Argon Plasma coagulation	ERBE	ERBE VIO300D	Colloq		29/01/2016	28/01/2021	Working
546	UROLOGY OT	Ultra Sound Scanner	BK	Flex Focus 800	Healthware	RS 66,00,908/-	29/06/16	28/06/21	Working
547	UROLOGY OT	Laser System	Sphinx	SPHNIX Junior	Healthware		08-04-2016	08-03-2021	Working
548	UROLOGY OT	Lower Track Endoscope Set Adult	Karl Storz, Germany		Vishal Surgical	Rs.39,58,910/-	23.02.2018	22.02.2019	Working
549	Urology RR	Multi Para Monitor	Mindray	Beneview T8	Instromedic		02-04-2010	02-03-2012	Working
550	Urology RR	Multi Para Monitor	Mindray	Beneview T8	Instromedic		02-04-2010	02-03-2012	Working
551	Urology RR	Multi Para Monitor	Mindray	Beneview T8	Instromedic		02-04-2010	02-03-2012	Working
552	Urology RR	Multi Para Monitor	Mindray	Beneview T8	Instromedic		02-04-2010	02-03-2012	Working
553	Urology RR	Multi Para Monitor	Mindray	Beneview T8	Instromedic		02-04-2010	02-03-2012	Working
554	Urology RR	Multi Para Monitor	Mindray	Beneview T8	Instromedic		02-04-2010	02-03-2012	Working
555	Urology RR	ICU Ventilator	Tecme	Graphnet	Meditronic		11-01-2011	31/10/2013	Working
556	Urology RR	ICU Ventilator	Tecme	Graphnet	Meditronic		11-01-2011	31/10/2013	Working
557	Urology RR	ICU Ventilator	Tecme	Graphnet	Meditronic		11-01-2011	31/10/2013	Working
558	Urology RR	ICU Ventilator	Tecme	Graphnet	Meditronic		12-01-2011	31/10/2013	Working
559	Urology RR	Syringe Pump	Orange Medical	Prima	Orange Medical		18/05/2012	17/05/2014	Working
560	Urology RR	Syringe Pump	Orange Medical	Prima	Orange Medical		18/05/2012	17/05/2014	Working
561	Urology RR	Syringe Pump	Plenum Tech Pvt Ltd	Zion +	Plenum Tech				Working
562	Urology RR	Syringe Pump	Plenum Tech Pvt Ltd	Zion +	Plenum Tech				Working
563	Urology RR	Pulse Oximeter	MediAid	900P	Micronic		23/01/2010	22/01/2012	Working
564	Urology RR	Pulse Oximeter	MediAid	900P	Micronic		23/01/2011	22/01/2013	Working
565	Urology RR	Pulse Oximeter	MediAid	900P	Micronic		23/01/2013	22/01/2015	Working
566	Urology RR	Pulse Oximeter	MediAid	900P	Micronic		23/01/2012	22/01/2014	Working

S.No	Department	Equipment	Manufacturer	Model	Supplier	Price	War Start	War End	Status
567	UROLOGY ward	Uro flowmetry- OPD	Status Medical		Status		16/08/2017	15/08/2018	Working
568	UROLOGY ward	Uro flowmetry -Ward	Dan	danflow 3000	Jai medics		23/05/2012	22/05/2014	Working
569	UROLOGY ward	Urodynamic System	Laborie, Canada	Doroto KT	kailesh		24/2/2014	23/2/2016	Working
570	UROLOGY ward	Multi Para Monitor	Mindray	Beneview T8	Instromedic		02-04-2010	02-03-2012	Working
571	UROLOGY ward	Multi Para Monitor	Mindray	Beneview T8	Instromedic		02-04-2010	02-03-2012	Working
572	UROLOGY ward	Syringe Pump	Baxter	SEP-105					Working
573	UROLOGY ward	Syringe Pump	JMS	SP100					Working
574	UROLOGY ward	Pulse Oximeter	MediAid		Micronic		23/01/2012	22/01/2014	Working
575	Neuro Surgery OT	OT Light	Martin	V16 + V 10	Vishal		26/06/09	25/06/12	Working
576	Neuro Surgery OT	OT Light	Martin	V16 + V 10	Vishal		26/06/09	25/06/12	Working
577	Neuro Surgery OT	Surgical Diathermy	Alsa	Excel 350 MCD	Advanced Medical	2000	2005		Working
578	Neuro Surgery OT	Surgical Diathermy	Alsa	Excel 350 MCD	Advanced Medical		17/05/06	16/05/11	Working
579	Neuro Surgery OT	OT Table	Mizaho	EM 5501	Moola Tools		18/04/93	17/04/96	Working
580	Neuro Surgery OT	OT Table	Berchtold	D850	Venus		23/01/2013	22/01/2018	Working
581	Neuro Surgery OT	OT Table	Trident	7000SB-Dr.Mac	Bet Medical		19/08/2013	18/08/2015	Working
582	Neuro Surgery OT	Mobile C-ARM	Siemens	Compact II	Siemens		31/08/2012	30/08/2013	Working
583	Neuro Surgery OT	High Speed Drill	Stryker	Electrc Drill	Indian ortho	2010	2015		Working
584	Neuro Surgery OT	Operating Microscope	Carl Zeiss	DXC 107AP	Toshnival		26/02/93	26/02/96	Working
585	Neuro Surgery OT	Operating Microscope	Leica	M720, OH5	Leica India		13/5/2015	05-12-2020	Working
586	Neuro Surgery OT	Fibre Optic Light Source	Cuda	M2150	Sisco		26/02/93	25/02/96	Working
587	Neuro Surgery OT	Neuro Endo System	Karl Storz		Vishal		12-01-2000	31/11/2003	Working
14.1		Camera	Karl Storz	H3-Z					
14.2		Camera console	Karl Storz	22201020					
14.3		Light Source	Karl Storz	LED Nova 150					
14.4		Monitor	Karl Storz	9627NB/KS27					

S.No	Department	Equipment	Manufacturer	Model	Supplier	Price	War Start	War End	Status
588	Neuro Surgery OT	cusa System	Stryker	Cusa	Strykar		01-11-2016	01-10-2019	Working
589	Neuro Surgery OT	Power drill	medtronics	MidasRerx	SS associate		28/07/2012	27/07/2013	Working
590	Neuro Surgery OT	Ultra Sonic Bone Scapal	Misonic	Bone Scalpal	Annulus	Rs 36, 22, 500/-	27/06/2016	26/06/2021	Working
591	Neuro Surgery OT	Intra Operative Neuro Monitor	medtronics	NIM ECLIPSE	SS associate		20/12/16	19-12-2021	Working
592	Neuro Surgery RR	Multi Para Monitor	Miindray	Beneview T8	Instromedic		02-04-2010	02-03-2012	Working
593	Neuro Surgery RR	Multi Para Monitor	Miindray	Beneview T8	Instromedic		02-04-2010	02-03-2012	Working
594	Neuro Surgery RR	Multi Para Monitor	Miindray	Beneview T8	Instromedic		02-04-2010	02-03-2012	Working
595	Neuro Surgery RR	Multi Para Monitor	Miindray	Beneview T8	Instromedic		02-04-2010	02-03-2012	Working
596	Neuro Surgery RR	Multi Para Monitor	Miindray	Beneview T8	Instromedic		02-04-2010	02-03-2012	Working
597	Neuro Surgery RR	Syringe Pump	Neuron BioMed	SP 102	L & T		02-01-2010	31/1/2012	Working
598	Neuro Surgery RR	Syringe Pump	Neuron BioMed	SP 102	L & T		02-01-2010	31/1/2012	Working
599	Neuro Surgery RR	Syringe Pump	Neuron BioMed	SP 102	L & T		02-01-2010	31/1/2012	Working
600	Neuro Surgery RR	ICU Ventilator	GE Datex	Engstrom	GE Datex India		30/11/2009	29/11/2011	Working
601	Neuro Surgery RR	Debifrillator	Medtronics	LifePak	Instromedix		21/09/12	20/09/14	Working
602	Neuro Surgery RR	Syringe Pump	Fresenius	Injectomat/Agilia	Medi		19/03/09	18/03/14	Working
603	Neuro Surgery RR	Syringe Pump	Fresenius	Injectomat/Agilia	Medi		19/03/09	18/03/14	Working
604	Neuro Surgery RR	Syringe Pump	Fresenius	Injectomat/Agilia	Medi		19/03/09	18/03/14	Working
605	Neuro Surgery ward	ICU Ventilator	Tecme	Graphnet	Meditronic		10-01-2011	31/09/2013	Working
606	Neuro Surgery ward	ICU Ventilator	Tecme	Graphnet	Meditronic		10-01-2011	31/09/2013	Working
607	Neuro Surgery ward	Multi Para Monitor	Mindray	Beneview T8	Instromedic		02-04-2010	02-03-2012	Working
608	Neuro Surgery ward	Pulse Oximeter	MediAid	900P	Micronic		23/01/2010	22/01/2012	Working
609	Neuro Surgery ward	Pulse Oximeter	MediAid	900P	Micronic		23/01/2010	22/01/2012	Working
610	Neuro Surgery	Pulse Oximeter	MediAid	900P	Micronic		23/01/2010	22/01/2012	Working

S.No	Department	Equipment	Manufacturer	Model	Supplier	Price	War Start	War End	Status
ward									
611	Neuro Surgery ward	Pulse Oximeter	MediAid	900P	Micronic		23/01/2010	22/01/2012	Working
612	Neuro Surgery ward	Syringe Pump	Baxter	Aitecs			10-12-2006	10-11-2009	Working
613	Neuro Surgery ward	Syringe Pump	Baxter	Aitecs			10-12-2006	10-11-2009	Working
614	Neuro Surgery ward	Syringe Pump	Baxter	Aitecs			10-12-2006	10-11-2009	Working
615	Neuro Surgery OT	C-Arm	Allenger	HF-49					Working
616	Gastro Enterology OT	OT Light	BenQ	Trilite LS810-750	Bet Medical	Rs 19,00,000/-	18/0/2017.	17/0/2022	Working
617	Gastro Enterology OT	OT Table	Trident	7000SB-Dr.Mac	Bet Medical		27/08/13	256/08/15	Working
618	Gastro Enterology OT	Surgical Diathermy	Alsa	Excel 350 MCDX	Advanced		01-05-2009	01-04-2012	working
619	Gastro Enterology OT	Endo Light Source	Karl Storz	Xenon 175	Vishal		1992	1995	Working
620	Gastro Enterology OT	Endoflator-Electronic	Karl Storz	264305 20	Vishal		1993		Working
621	6	Laprascope system							
	6.1	single Chip camera	Karl Storz						
	6.2	Camera console	Karl Storz	20223020					
	6.3	Light Source	Karl Storz	20161220					
	6.4	Insufflator , 20Litres	Karl Storz	26430520					
	6.5	Monitor	Sony	LMD-2110MD					
622	Gastro Enterology OT	Laproscope SYSTEM	Strykar	Hi Di 3 Chip	Indian orthocare	Rs 23,20,679/-	27/01/2009	26/01/2014	Working
		3 Chip camera	Strykar	1088iHD					
		Camera console	Strykar	1088iHD					
		Light Source	Strykar	X8000					
		Insufflator	Strykar	40L					
		Monitotr	Strykar	Vision Elect HDTV					
623	Gastro Enterology OT	Harmonic Scapel	J&J	Gen 3	J&J india		04-05-2003	04-04-2006	Working
624	Gastro Enterology OT	Vessel Sealing System	ERBE	ERBE VIO 300D	Colloq		29/01/2016	28/01/2021	Working

S.No	Department	Equipment	Manufacturer	Model	Supplier	Price	War Start	War End	Status
625	Gastro Enterology OT	Argon Plasma Coagulation	EMED	ES 350	Indian Orthiocare	RS 4,90,000/-	25/07/2016	24/07/2021	Working
626	Gastro Enterology OT	Laproscope system	Olympus		Healthware	RS 26,85,901/-	15/07/2016	14/07/2021	Working
		Camera	Olympus	CH-S190E-XZ-E	Healthware				
		Video Processor	Olympus	OTV-S190	Healthware				
		Light Source-Xenon	Olympus	CLV-S190	Healthware				
		Insufflator	Olympus	N3493000	Healthware				
		Monitor	Olympus	OEV262H-E	Healthware				
627	Gastro Enterology RR	Multi Para Monitor	Mindray	Beneview T8	Instromedic		02-04-2010	02-03-2012	Working
628	Gastro Enterology RR	Multi Para Monitor	Mindray	Beneview T8	Instromedic		02-04-2010	02-03-2012	Working
629	Gastro Enterology RR	Multi Para Monitor	Philips	MP 20	Philips				Working
630	Gastro Enterology RR	Multi Para Monitor	Philips	MP 20	Philips				Working
631	Gastro Enterology RR	Multi Para Monitor	Philips	MP 20	Philips				Working
632	Gastro Enterology ICU	Multi Para Monitor	Mindray	Beneview T8	Instromedic		02-04-2010	02-03-2012	Working
633	Gastro Enterology ICU	Multi Para Monitor	Mindray	Beneview T8	Instromedic		02-04-2010	02-03-2012	Working
634	Gastro Enterology ICU	Multi Para Monitor	Mindray	Beneview T8	Instromedic		02-04-2010	02-03-2012	Working
635	Gastro Enterology ICURR	Multi Para Monitor	Mindray	Beneview T8	Instromedic		02-04-2010	02-03-2012	Working
636	Gastro Enterology ICU	Multi Para Monitor	Mindray	Beneview T8	Instromedic		02-04-2010	02-03-2012	Working
637	Gastro Enterology Ward	Multi Para Monitor	Mindray	Beneview T8	Instromedic		02-04-2010	02-03-2012	Working
638	Gastro Enterology Ward	Multi Para Monitor	Mindray	Beneview T8	Instromedic		02-04-2010	02-03-2012	Working
639	Gastro Enterology Ward	Multi Para Monitor	Mindray	Beneview T8	Instromedic		02-04-2010	02-03-2012	Working
640	Gastro Enterology RR	ICU Ventilator	GE Datex	Engstrom	GE Datex India		30/11/2009	29/11/2011	Working
641	Gastro	ICU Ventilator	GE Datex	Engstrom	GE Datex India		30/11/2009	29/11/2011	Working

S.No	Department	Equipment	Manufacturer	Model	Supplier	Price	War Start	War End	Status
Enterology RR									
642	Gastro Enterology RR	ICU Ventilator	GE Datex	Engstrom	GE Datex India		30/11/2009	29/11/2011	Working
643	Gastro Enterology RR	ICU Ventilator	GE Datex	Engstrom	GE Datex India		30/11/2009	29/11/2011	Working
644	Gastro Enterology RR	ICU Ventilator	GE Datex	Engstrom	GE Datex India		30/11/2009	29/11/2011	Working
645	Gastro Enterology RR	ICU Ventilator	GE Datex	Engstrom	GE Datex India		30/11/2009	29/11/2011	Working
646	Gastro Enterology RR	Syringe Pump	Organge	Flow Prima	Organge Medical		23/05/13	22/05/15	Working
647	Gastro Enterology RR	Syringe Pump	Organge	Flow Prima	Organge Medical		23/05/13	22/05/15	Working
648	Gastro Enterology RR	Syringe Pump	Organge	Flow Prima	Organge Medical		23/05/13	22/05/15	Working
649	Gastro Enterology RR	Syringe Pump	Organge	Flow Prima	Organge Medical		23/05/13	22/05/15	Working
650	Gastro Enterology RR	Syringe Pump	Organge	Flow Prima	Organge Medical		23/05/13	22/05/15	Working
651	Gastro Enterology RR	Syringe Pump	Plenum Tech Pvt Ltd	Zion +	Plenum Tech	Rs 29,252.71	15/06/2016	14/06/2019	Working
652	Gastro Enterology RR	Syringe Pump	Plenum Tech Pvt Ltd	Zion +	Plenum Tech	Rs 29,252.71	15/06/2016	14/06/2019	Working
653	Gastro Enterology RR	Syringe Pump	Plenum Tech Pvt Ltd	Zion +	Plenum Tech	Rs 29,252.71	15/06/2016	14/06/2019	Working
654	Gastro Enterology RR	Syringe Pump	Plenum Tech Pvt Ltd	Zion +	Plenum Tech	Rs 29,252.71	15/06/2016	14/06/2019	Working
655	Gastro Enterology RR	Syringe Pump	Plenum Tech Pvt Ltd	Zion +	Plenum Tech	Rs 29,252.71	15/06/2016	14/06/2018	Working
656	Gastro Enterology RR	Defibrillator	Mindray	BeneHeart D3	Green Apple		18/07/2016	17/07/2018	Working
657	Gastro Enterology RR	Syringe Pump	Fresenius	Injectomat/Agilia	Midi		19/03/09	18/03/14	Working
658	Gastro Enterology RR	Syringe Pump	Fresenius	Injectomat/Agilia	Medi		19/03/09	18/03/14	Working
659	Gastro Enterology RR	Syringe Pump	Fresenius	Injectomat/Agilia	Medi		19/03/09	18/03/14	Working
660	Gastro Enterology RR	Syringe Pump	Fresenius	Injectomat/Agilia	Medi		19/03/09	18/03/14	Working
661	GE RR Extention	Patient Monitor	Philips	MP 60	Philips		29/10/08	28/10/11	Working
662	GE RR Extention	Patient Monitor	Philips	MP 60	Philips		29/10/08	28/10/11	Working
663	GE RR Extention	Patient Monitor	Philips	MP 60	Philips		29/10/08	28/10/11	Working

S.No	Department	Equipment	Manufacturer	Model	Supplier	Price	War Start	War End	Status
664	GE RR Extention	Patient Monitor	Philips	MP60	Philips		29/10/08	28/10/11	Working
665	GE RR Extention	Patient Monitor	Philips	MP 60	Philips		29/10/08	28/10/11	Working
666	GE RR Extention	Patient Monitor	Philips	MP 60	Philips		29/10/08	28/10/11	Working
667	GE RR Extention	Patient Monitor	Philips	MP 60	Philips		29/10/08	28/10/11	Working
668	GE RR Extention	Patient Monitor	Philips	MP 60	Philips		29/10/08	28/10/11	Working
669	Gastro Enterology Endoscope	Processer & Light Source	Fujinon		Wipro	01-05-2001	01-04-2003		Working
		Monitor	Sony	Trinitron					
		Light Source	Fujinon	EPX 201					
670	Gastro Enterology Endoscope	Endoscopy System - (Endoscope-2 Nos, Light Source & Video Processor, Monitor-3 Nos, Imaging System, UPS and trolley )	Fujinon		RFCL	02-10-2011	02-09-2014		Working
		GastroSDcvope							
		Light Source	Fujinon						
		Video Processor	Fujinon	EPX 2500					
		Monitor	Sony	LMD 1530W					
		Monitor	Sony	LMD 1530W					
		Monitor	Dell	P190SVB					
		Imaging System							
671	Gastro Enterology Endoscope	Endoscopy System	Olympus		Rs 29,90,264	23/09/2015	22/09/2018		Working
		Gastr oScope	Olympus	GIF-Q150					Working
		ColonoScope	Olympus	CF-Q150L					Working
		Duodenovideoscope	Olympus	TJF-150					Working
		Processer & Light Source	Olympus	CV-150					Working

S.No	Department	Equipment	Manufacturer	Model	Supplier	Price	War Start	War End	Status
		Color Monitor	Eizo	LCD					
		(Olympus Endoscope-3 Nos,( GIF-Q150,CF-Q150L,TJF-150), Light Source & Video Processor, Monitor, Imaging System & trolley						Working	
672	Gastro Enterology Endoscope	Paediatric Video GastroScope	Olympus	GIF-XP150N	Healthware	22/06/2016	21/06/2021	Working	
673	Gastro Enterology Endoscope	Choledochoscopy	Olympus	CHF TYPE V	Healthware	09-01-2016	31/8/2021	Working	
674	<b>Surgical Oncology RR</b>	Multi Para Monitor	Mindray	Beneview T8	Instromedic	02-04-2010	02-03-2012	Working	
675	Surgical Oncology RR	Multi Para Monitor	Mindray	Beneview T8	Instromedic	02-04-2010	02-03-2012	Working	
676	Surgical Oncology RR	Multi Para Monitor	Mindray	Beneview T8	Instromedic	02-04-2010	02-03-2012	Working	
677	Surgical Oncology RR	Multi Para Monitor	Mindray	Beneview T8	Instromedic	02-04-2010	02-03-2012	Working	
678	Surgical Oncology Ward	Multi Para Monitor	Mindray	Beneview T8	Instromedic	02-04-2010	02-03-2012	Working	
679	Surgical Oncology ward	Multi Para Monitor	Mindray	Beneview T8	Instromedic	02-04-2010	02-03-2012	Working	
680	Surgical Oncology RR	ICU Ventilator	GE Datex Ohmeda	Engstrom	GE Datex Ohmeda	26/12/09	25/12/2011	Working	
681	Surgical Oncology RR	ICU Ventilator	Tecme	Graphnet	Meditronic	11-01-2011	31/10/2013	Working	
682	Surgical Oncology RR	ICU Ventilator	Tecme	Graphnet	Meditronic	11-01-2011	31/10/2013	Working	
683	Surgical Oncology RR	ICU Ventilator	Siemens	Servo 300	maquet	27-05-2009	27-04-2014	working	
684	Surgical Oncology RR	Defibrillator	Mindray	BeneHeart D3	Green Apple	18/07/2016	17/07/2021	Working	
685	Surgical Oncology RR	Syringe Pump	Fresenius	Injectomat/Agilia	Midi	19/03/09	18/03/14	Working	
686	Surgical Oncology RR	Syringe Pump	Fresenius	Injectomat/Agilia	Medi	19/03/09	18/03/14	Working	
687	Surgical Oncology RR	Syringe Pump	Fresenius	Injectomat/Agilia	Medi	19/03/09	18/03/14	Working	
688	Surgical Oncology OT	OT Table	Trident	7000SB-Dr.Mac	Bet Medical	27/08/13	26/08/15	Working	

S.No	Department	Equipment	Manufacturer	Model	Supplier	Price	War Start	War End	Status
689	Surgical Oncology OT	OT Table	Trident	7000SB-Dr.Mac	Bet Medical		27/08/13	26/08/15	Working
690		OT Table		Mechnical					Working
691		OT Table		Mechnical					Working
692	Surgical Oncology OT	OT Light	Martin	V10 + V16	Vishal		21/09/12	20/09/17	Working
693		OT Light	Martin			Feb'1993			Working
694		OT Light	Martin			Feb'1993			Working
695		OT Light	Drager	Solo500+700	Drager				Working
696	Surgical Oncology OT	Surgical diathermy	Elsa	Excel 350	Advanced Medical		10-03-2008	10-02-2011	Working
697	Surgical Oncology OT	Surgical diathermy	Elsa	Excel 350	Advanced Medical		10-03-2008	10-02-2011	Working
698	Surgical Oncology OT	Harmonic Scalpel	J&J	Gen 04	SG Surgical		21/12/2010	20/12/2013	Working
699	Surgical Oncology OT	NasolarnyoScope	Olympus	ENF-T3	Olympus		18/11/2014	17/11/2015	Working
700	Surgical Oncology OT	Vessel Sealing System	ERBE	ERBE VIO 300D	Colloq		29/01/2016	28/01/2021	Working
701	Surgical Oncology OT	Drill System	Strykar	core	Indian Ortho		09-02-2011	09-01-2016	Working
		( Core Console - 1108400353, Micro Drill-1033600443, Sagital Saw- 1032603233, Oscillating Saw- 1025800913, Reciprocating saw- 1036401443 & Core Universal Driver- 1034000733 )							
702	Surgical Oncology OT	<b>Laparoscope System</b>			Indian Orthocare	RS 47 , 50, 000/-	22/06/2016	21/06/2021	Working
		Camera Console, Model: 1288, Sl No:15H014714							
		Camera Head, Model:1288HD, Sl No: 16B011282							
		26" Monitor, Model : Sl No: VPD265I0915							

S.No	Department	Equipment	Manufacturer	Model	Supplier	Price	War Start	War End	Status
		26" Monitor, Model : Sl No: VPD26510915							
		Xenon Light Source, Model:X8000, Sl No:141028024							
		Insufflator , 20Litres, Sl No : 1602CE0749							
703	Surgical Oncology OT	Mandipular Reconstruction Instruments with Drill	KLS Martin		Vishal	Rs 14, 90, 265/-			Working
704	Surgical Oncology OT	OT Light with Camera Recording	BenQ Medical Technology Corp. Taiwan	Trilite LS810-750	BET Medical		23.04.2018	22.04.2023	Working
705	Surgical Oncology OT	OT Light with Camera Recording	BenQ Medical Technology Corp. Taiwan	Trilite LS810-750	BET Medical		23.04.2018	22.04.2023	Working
706	<b>Medical Oncology</b>	Multi Para Monitor	Mindray	Beneview T8	Instromedic		02-04-2010	02-03-2012	Working
707	Medical Oncology	Multi Para Monitor	Mindray	Beneview T8	Instromedic		02-04-2010	02-03-2012	Working
708	Medical Oncology	Multi Para Monitor	Mindray	Beneview T8	Instromedic		02-04-2010	02-03-2012	Working
709	Medical Oncology	Multi Para Monitor	Mindray	Beneview T8	Instromedic		02-04-2010	02-03-2012	Working
710	Medical Oncology	Defibrillator	Mindray	BeneHeart D3	Green Apple	RS 2,30,000/-	19/07/2016	18/07/2018	Working
711	Medical Oncology	Pulse Oximeter	BCI	3180					Working
712	Medical Oncology	Pulse Oximeter	Assapin DiagNotic						Working
713	Medical Oncology	Laminar Air Flow	Clean Air	CAV 900					Working
714	Medical Oncology	Laminar Air Flow	Technico	4*2*2	Indian Scientific		26/05/2017		Working
715	Medical Oncology	Laminar Air Flow	Technico	4*2*3	Indian Scientific				Working
716	Medical Oncology	Weighting Scale	Tulaman	EFS	Tulaman				Working
717	Medical Oncology	ICU Ventilator	Tecme	Graphnet	Meditronic		10-08-2011	31/09/2013	Working
718	Medical Oncology	ICU Ventilator	Tecme	Graphnet	Meditronic		10-08-2011	31/09/2013	Working
719	<b>Radiation Oncology</b>	Multi Para Monitor	Mindray	Beneview T8	Instromedic		02-04-2010	02-03-2012	Working
720	Radiation	Multi Para Monitor	Mindray	Beneview T8	Instromedic		02-04-2010	02-03-2012	Working

S.No	Department	Equipment	Manufacturer	Model	Supplier	Price	War Start	War End	Status
Oncology									
721	Radiation Oncology	Multi Para Monitor	Mindray	Beneview T8	Instromedic		02-04-2010	02-03-2012	Working
722	Radiation Oncology RT2	Multi Para Monitor	Mindray	Beneview T8	Instromedic		02-04-2010	02-03-2012	Working
723	Radiation Oncology RT2	Multi Para Monitor	Mindray	Beneview T8	Instromedic		02-04-2010	02-03-2012	Working
724	Radiation Oncology	<b>Linear Accelerator</b>	Electa	Precise	Electa India		31/07/2009	30/07/2012	Working
725	Radiation Oncology	<b>BrachyTherapy</b>	Varian	H-640340	Varian India		23/10/2008	22/10/2011	Working
726	Radiation Oncology	<b>Linear Accelerator</b>	Electa	Synergy	Electa India		04-01-2015	31/3/2020	Working
727	Radiation Oncology	<b>CT Simulator</b>	Siemens	As Definition 20	Siemens India		30/06/2014	29/06/2019	Working
728	Radiation Oncology	Ultra Sound Color Doppler	Esote	MYLAB	Healthware	RS 27, 25, 000/-	27/07/2016	26/07/2021	Working
729	Radiation Oncology	Syringe Pump	Plenum Tech Pvt Ltd	Zion +	Plenum Tech		15/06/2016	14/06/2019	Working
730	Radiation Oncology	Syringe Pump	Plenum Tech Pvt Ltd	Zion +	Plenum Tech		15/06/2016	14/06/2019	Working
731	Radiation Oncology	Syringe Pump	Plenum Tech Pvt Ltd	Zion +	Plenum Tech		15/06/2016	14/06/2019	Working
732	Radiation Oncology	Syringe Pump	Plenum Tech Pvt Ltd	Zion +	Plenum Tech		15/06/2016	14/06/2019	Working
733	Radiation Oncology	Syringe Pump	Plenum Tech Pvt Ltd	Zion +	Plenum Tech		15/06/2016	14/06/2019	Working
734	Radiation Oncology	Syringe Pump	Plenum Tech Pvt Ltd	Zion +	Plenum Tech		15/06/2016	14/06/2019	Working
735	Radiation Oncology	Digital Weighing Scale	Tulaman	EFD	Tulaman		16/02/2015	15/02/2016	Working
736	Radiation Oncology	Defibrillator	Mindray	BeneHeart D3	Green Apple		01-01-2017	31/12/2021	Working
737	Radiation Oncology	Syringe Pump	Organge	Flow Prima	Organge Medical		23/05/13	22/05/15	Working
738	Radiation Oncology	Syringe Pump	Organge	Flow Prima	Organge Medical		23/05/13	22/05/15	Working
739	<b>General Surgery</b>	Laproscope Set	Strykar	3Chip Hi Di	Indian ortho		20/09/2010	19/09/2013	Working
740	General Surgery	Surgical Diathermy with Vessel Sealing Machine	Erbe	Vio300S	Forward Surgical		07-02-2010	07-01-2013	Working
741	General Surgery	Harmonic Scalpal	J & J	Gen 4	J & J		08-12-2010	08-11-2013	working

S.No	Department	Equipment	Manufacturer	Model	Supplier	Price	War Start	War End	Status
742	General Surgery	Surgical Diathermy	Alsa	Excel 350 MCDX	Advanced		01-05-2009	01-05-2012	working
743	General Surgery	Defibrillator	Mindray	BeneHeart D3	Green Apple		02-04-2017	02-03-2022	Working
744	BLOOD BANK	B.Bank Refrigerator	Forma Scientific		Jagkumar & Co		29/04/99	28/04/2002	Working
745	BLOOD BANK	Blood Bank Chamber	terumo	BBR 300L	Magna		06-09-2012	06-08-2013	Working
746	BLOOD BANK	Blood Bank Chamber	Remi		Remi		2010	2011	Working
747	BLOOD BANK	Blood Bank Chamber	Wheecon	Haemo Guard	Wheecon		25/03/2009	24/03/2010	Working
748	BLOOD BANK	Blood Bank Chamber	Wheecon	Haemo Guard	Wheecon		21/06/2010	20/06/2011	Working
749	BLOOD BANK	Blood Bank Chamber	Wheecon	Haemo Guard	Wheecon		22/06/2010	20/06/2011	Working
750	BLOOD BANK	Blood Bank Chamber	Wheecon	Haemo Guard	Wheecon		22/06/2010	21/06/2011	Working
751	BLOOD BANK	B.Bank Refrigerator	Terumo Penpol	300L	Terumo Penpolo		07-12-2012	07-11-2017	Working
752	BLOOD BANK	Deep Freezer	Forma Scientific	minus 86	Jagkumar & Co		29/04/99	28/04/2002	Working
753	BLOOD BANK	Deep Freezer	Terumo	DF-40U					Working
754	BLOOD BANK	Cryofuge	ThermoFisher	Cryofuge 6000i	Terumo Penpolo		15/09/2014	14/09/2019	Working
755	BLOOD BANK	Plattlet agitator	Terumo Penpol	PI400	Terumo Penpolo		24/7/2014	23/7/2019	Working
756	BLOOD BANK	Plattlet agitator	Terumo Penpol	P1200					Working
757	BLOOD BANK	Cryobath	Terumo Penpol	CB100					Working
758	BLOOD BANK	Automatic Component Extractor	Terumo Penpol	T-ACE-II					Working
759	BLOOD BANK	Automatic Component Extractor	Terumo Penpol	T-ACE-II					Working
760	BLOOD BANK	Laminor Air Flow	Technico		Technico		20/04/2012	19/04/2013	Working
761	BLOOD BANK	Automated Chemiilluminance Analyzer	J & J		Reagent Rental				Working
762	BLOOD BANK	Elisa Reader	Bio Tek			02-08-2008	02-07-2011		Working
763	BLOOD BANK	Elisa Washer	Bio-Rad	PW40					Working
764	BLOOD BANK	Automated cell separator	Fresenius	7A2T	Wheecon		24/08/02	23/08/05	Working
765	BLOOD BANK	Donor Coatch	HLL		HLL		02-Dec	02-Dec	Working
766	BLOOD BANK	Cell Counter 5Diff	Mindray	BC5300	Golden		18/09/2009	17/09/2014	Working
767	BLOOD BANK	QBC Reader,Light	QBC	QBC	Godraj		04-01-2001	31/3/2002	Working

S.No	Department	Equipment	Manufacturer	Model	Supplier	Price	War Start	War End	Status
768	BLOOD BANK	Source,Pra Lens		Fibre optic Cable					Working
769	BLOOD BANK	Central Monitor Sys.	Terumo Penpol	24channel	Terumo Penpolo		21/08/2014	20/08/2019	Working
770	BLOOD BANK	Incubator	Yorko	YSI-438					Working
771	BLOOD BANK	Serilogical water bath	Guna		Indian Scientific		21/05/12	20/05/13	Working
772	BLOOD BANK	VDRL Shaker	Kemi						Working
773	BLOOD BANK	Cooling Centrifuge	Remi	MC 24BL					Working
774	BLOOD BANK	Centrifuge	Remi	R8C	Remi		26/02/93	25/02/96	Working
775	BLOOD BANK	MicroScope	Olympus	CH-201					Working
776	BLOOD BANK	Tube Sealer	Terumo	X51010					Working
777	BLOOD BANK	Tube Sealer-Portable	Terumo	LM100E					Working
778	BLOOD BANK	Tube Sealer-Portable	Terumo	LM 100					Working
779	BLOOD BANK	Blood Collection Monitor	Terumo	D-601					Working
780	BLOOD BANK	Blood Collection Monitor	Terumo	D-601					Working
781	BLOOD BANK	Blood Collection Monitor	Terumo	D-601					Working
782	BLOOD BANK	Blood Collection Monitor	Terumo	D-601					Working
783	BLOOD BANK	Blood Collection Monitor	Terumo	D-601					Working
784	BLOOD BANK	Blood Collection Monitor	Terumo	D-250					Working
785	BLOOD BANK	Donor Cough							Working
786	BLOOD BANK	Donor Cough							Working
787	BLOOD BANK	Donor Cough							Working
788	BLOOD BANK	Weighing Scale-Electronic	ESSEA						Working
789	BLOOD BANK	Weighing Scale-Electronic	ESSEA						Working
790	BLOOD BANK	Electrophoresis	Chromous biotech						Working
791	BLOOD BANK	AutoClave	Equitron	PAD-7431PAD					Working
792	BLOOD BANK	Hot Air Oven	Hitech						Working
793	BLOOD BANK	HemoCUE		HB 201					Working

S.No	Department	Equipment	Manufacturer	Model	Supplier	Price	War Start	War End	Status
794	BLOOD BANK	HemoCUe		HB 301					Working
795	BLOOD BANK	HemoCUe		HB 301					Working
796	BLOOD BANK	Blood Collection Monitor	Terumo	Trac Ii		Rs 4,93,500/-	16/06/2017	15/06/2022	Working
797	BLOOD BANK - HLA Lab	Microscope	Olympus	CKX41			28/05/2013	27/05/2014	Working
798	BLOOD BANK - HLA Lab	Inverted Microscope	Olympus				21/4/2012	20/4/2013	Working
799	BLOOD BANK - HLA Lab	Serological Water Bath					21/4/2012	20/4/2013	Working
800	BLOOD BANK - HLA Lab	Hot Air Oven				04-07-2005	04-06-2006		Working
801	BLOOD BANK - HLA Lab	Deep Freezer Minus 80	Terumo Penplol	Df 80U			21/04/2012	20/04/2017	Working
802	BLOOD BANK - HLA Lab	Laminor Air Flow	Technico				21/04/2012	20/04/2013	Working
803	BLOOD BANK - HLA Lab	Centrifuge	Remi	412LAG			26/07/2012	25/07/2013	Working
804	BLOOD BANK - HLA Lab	B lood Bank Chamber	Terumo Penplol	BBR300G			21/4/2012	20/4/2013	Working
805	BLOOD BANK - HLA Lab	BOD Incubator	Technico			20/04/23012	19/04/23013		Working
806	BLOOD BANK - HLA Lab	Centrifuge-Micro	Thermo Scientific	Micro C2					Working
807	Bio-Chemistry	Auto Analyzer With Ro System	Beckman	Unicell DXC	Beckman	04-03-2012	Reagent rental		Working
808	Bio-Chemistry	Auto Analyzer	Beckman/Olympus	AU680	Beckman	01-06-2016	Reagent rental		Working
809	Bio-Chemistry	Analyzer Bio,ISE	Awarness Tech	CHEMWELL	CPC	09-06-2008	09-05-2013		Working
810	Bio-Chemistry	PCR	Oxygen Scientific	TC9600	Sri Vijaya	23/01/10	22/01/13		Working
811	Bio-Chemistry	PCR	Eppendorf	6331	Eppendorf india	07-04-2015	07-03-2016		Working
812	Bio-Chemistry	Gel Documentation		alpha imager	BioScreen	22/7/2015	21/7/2018		Working
813	Bio-Chemistry	Spectro PhotoMeter	Sytronic	118	Vijetha	04-03-2013	04-02-2014		Working
814	Bio-Chemistry	Spectro PhotoMeter	Sytronic	118	Vijetha	04-03-2013	04-02-2014		Working
815	Bio-Chemistry	Spectro PhotoMeter-UV	Perkin Elmer	Lamda 25	Perkin Elmer	25/10/2010	24/10/2011		Working
816	Bio-Chemistry	Spectro PhotoMeter	Thermo Fisher	Spectronic 200E	Thermo fisher	18/06/2014	17/06/2015		Working
817	Bio-Chemistry	Spectro PhotoMeter	Elico	SL-177		22-06-2005	22-05-2006		Working

S.No	Department	Equipment	Manufacturer	Model	Supplier	Price	War Start	War End	Status
818	Bio-Chemistry	Semi Auto Analyzer	stat Fax	SF3300	CPC		12-01-2007	31/12/2008	Working
819	Bio-Chemistry	Semi Auto Analyzer	stat Fax	SF3300	CPC		12-01-2007	31/12/2008	Working
820	Bio-Chemistry	OsmoMeter	Gonotec	Osmomat 30D	Wheecon		20/05/2013	19/05/2014	Working
821	Bio-Chemistry	HPLC System	Shimadzu	prominence	Spinco		03-03-2010	03-02-2011	Working
822	Bio-Chemistry	ABG Analyzer	Eschweiller			Reagent rental	Reagent rental		Working
823	Bio-Chemistry	Electrolyte Machine	SM Diagnostic	EX D5	SM Diagnostic		Nov-15	Nov-17	Working
824	Bio-Chemistry	Electrolyte Machine	SM Diagnostic	EX D5	SM Diagnostic		Nov-15	Nov-17	Working
825	Bio-Chemistry	Elisa Reader	Transasia	Erba lisa Scan	Transasia		21/8/14	20/8/15	Working
826	Bio-Chemistry	Elisa Washer	Transasia	Erba Lisa Wash	Transasia		21/8/14	20/8/15	Working
827	Bio-Chemistry	Electrophoresis system	Genei			01-01-2000	31/12/2001		Working
828	Bio-Chemistry	Deep frezzer -86	Forma scintific	minus 86	Pinnacle		09-08-2009	09-07-2010	Working
829	Bio-Chemistry	Deep Frezer -86	Eppendorf	Premium U410	Eppendorf india		04-02-2015	04-01-2020	Working
830	Bio-Chemistry	Deep Freezer -40	Terumo penpol	Df 40U	Terumo		26/06/2013	25/06/2018	Working
831	Bio-Chemistry	Deep Freezer -40	Terumo penpol	Df 40U	Terumo		26/06/2013	25/06/2018	Working
832	Bio-Chemistry	Double Distilled Water	Bhanu Scientific						Working
833	Bio-Chemistry	Double Distilled Water	Bhanu Scientific						Working
834	Bio-Chemistry	Flame PhotoMeter	Systronic		128				Working
835	Bio-Chemistry	Water Bath	Equitron						Working
836	Bio-Chemistry	Water Bath	Equitron						Working
837	Bio-Chemistry	Water Bath	Equitron						Working
838	Bio-Chemistry	Water Bath	Equitron						Working
839	Bio-Chemistry	Water Bath with Shaker	Remi	M RSB-12					Working
840	Bio-Chemistry	Ultrasonic cleaner	Bros scientific	Tec 25H		12-09-2001	12-08-2002		Working
841	Bio-Chemistry	ColoriMeter	Elico	CL-157		15/06/2005	14/06/2005		Working
842	Bio-Chemistry	Refrigerated Centrifuge	Remi	CM-12-Plus	Remi		26/11/2015	25/11/2016	Working
843	Bio-Chemistry	Refrigerated Centrifuge	Remi	M-C24BL	Remi				Working
844	Bio-Chemistry	Centrifuge	Remi	R8C	Remi		26/02/07	25/02/08	Working

S.No	Department	Equipment	Manufacturer	Model	Supplier	Price	War Start	War End	Status
845	Bio-Chemistry	Centrifuge	Remi	R8C	Remi		26/02/07	25/02/08	Working
846	Bio-Chemistry	Centrifuge	Remi	R8C	Remi		26/02/07	25/02/08	Working
847	Bio-Chemistry	Centrifuge	Remi	R8C	Remi		26/02/07	25/02/08	Working
848	Bio-Chemistry	Centrifuge	Remi	R8C	Remi		26/02/07	25/02/08	Working
849	Bio-Chemistry	Centrifuge	Remi	R8C	Remi		26/02/07	25/02/08	Working
850	Bio-Chemistry	Centrifuge	Remi	R8C	Remi		26/02/07	25/02/08	Working
851	Bio-Chemistry	Centrifuge	Remi	R8C	Remi		26/02/07	25/02/08	Working
852	Bio-Chemistry	Cyclo Mixer	Remi	CM 101		01-01-2000	31/12/2000	Working	
853	Bio-Chemistry	Cyclo Mixer	Remi	CM 101		01-01-2000	31/12/2000	Working	
854	Bio-Chemistry	Cyclo Mixer	Remi	LM 121		01-01-2000	31/12/2000	Working	
855	Bio-Chemistry	Hot Air Sterilizer	Heco		Bros	2006	2007	Working	
856	Bio-Chemistry	Hot Air Sterilizer	Heco		Bros	2006	2007	Working	
857	Bio-Chemistry	Cyclo Mixer	Remi	CM 101		01-01-2000	01-01-2001	Working	
858	Bio-Chemistry	PH Meter	Elico	LI 127		01-01-2000	31/12/2000	Working	
859	Bio-Chemistry	Balance - Eletronic	Shimadzu	AUX 120		01-01-2000	31/12/2000	Working	
860	Bio-Chemistry	Balance - Eletronic	Satorius	AC2105-00AC		01-01-2000	31/12/2000	Working	
861	Bio-Chemistry	Autoclave Vertical	Equitron	AEJ-351		07-07-2005	07-06-2006	Working	
862	Bio-Chemistry	Magnetic Stirrer	Remi	2MCH		12-01-2001	31/11/2002	Working	
863	Bio-Chemistry	Hot Plate	Kemi	KHPR 25		12-01-2001	31/11/2002	Working	
864	Bio-Chemistry	Hot Plate	Guna			12-01-2001	31/11/2002	Working	
865	Bio-Chemistry	Shaker-Rotary	Remi	RS 12		12-01-2001	31/11/2002	Working	
866	Bio-Chemistry	Homoginizer	Remi	RQ 127		12-01-2001	31/11/2002	Working	
867	Bio-Chemistry	Laminor Air Flow	Technico Lab.Product	Floor Stand Model	Bhavani	20/10/16	19/10/17	Working	
868	Bio-Chemistry	Elisa Reader	Transasia	Erba lisa Scan	Transasia	30/11/16	29/11/17	Working	
869	Bio-Chemistry	Elisa Washerer	Transasia	Erba Lisa Wash	Transasia	30/11/16	29/11/17	Working	
870	Bio-Chemistry	Automated Elisa System		Euroimmun Analyzer -1P	CPC	Rs 40,68,750/-	26/05/2017	25/05/2022	Working
871	Bio-Chemistry	Semi Auto Analyzer	stat Fax	SF3300	CPC	Free	26/05/2017	25/05/2022	Working

S.No	Department	Equipment	Manufacturer	Model	Supplier	Price	War Start	War End	Status
872	Bio-Chemistry	Flame PhotoMeter	Elico	CL-378	Vijetha	Rs 83,000/-	29/06/2017	28/06/2018	Working
873	Bio-Chemistry	Flame PhotoMeter	Elico	CL-378	Vijetha	Rs 83,000/-	29/06/2017	28/06/2018	Working
874	Bio-Chemistry	Centrifuge	Remi	R8C	Medicoy	Rs 22,690/-	26/09/2017	25/09/2018	Working
875	Bio-Chemistry	Centrifuge	Remi	R8C	Medicoy	Rs 22,690/-	26/09/2017	25/09/2018	Working
876	Bio-Chemistry	Trans UV Illuminator	Labomate	Bench Top	Medicoy	RS 1,36,855/-	13.06.17		Working
877	Bio-Chemistry	Nanodrop	Eppendorf			Rs 7,69,583/-			Working
878	Bio-Chemistry	Balance - Eletronic	Citizen	MP-300			08-01-2017	31/07/2018	Working
879	Bio-Chemistry	Balance - Eletronic	Citizen	MP-300			08-01-2017	31/07/2018	Working
880	Bio-Chemistry	Hot Air Oven	Kemi	KOMS2TD			30/03/2015	30/03/2015	Working
881	CLINICAL PATHOLOGY	QBC machine(with centrifuge,light source&microscope)	QBC		Goderaj		16/03/09	15/03/14	Working
		Lighjt Source		5353006					
		Reader	BD	4406					
		MicroScope	Carl Zeiss	Student					
882	CLINICAL PATHOLOGY	Digital centrifuge	Remi motors	8RC	Remimotors	2000	2001		Working
883	CLINICAL PATHOLOGY	Centrifuge	Remi motors	8RC	Remi motors	2000	2001		Working
884	CLINICAL PATHOLOGY	Cell Counter 5Diff	Mindray	BC5300	Golden		17/09/2009	16/09/2014	Working
885	CLINICAL PATHOLOGY	Cell counter 5Diff	Mindray	BC5300	Golden		22/06/2011	22/06/2016	Working
886	CLINICAL PATHOLOGY	Cell counter 3 Diff	Mindray	BC5300	Golden	2015	2016		Working
887	CLINICAL PATHOLOGY	Semi Auto Analyzer-Coag	Diagnostica stago	start 4	surog		16/09/2009	15/09/2010	Working
888	CLINICAL PATHOLOGY	Centrifuge	Remi	R8CBL	Indian scintific		08-07-1905		Working
889	CLINICAL PATHOLOGY	Semi Auto Analyzer-Coag		CA2000-4	Golden	RS 2,04,750/-	31/05/2016	30/05/2017	Working
890	CLINICAL PATHOLOGY	Centrifuge	Remi motors	8RC	Remi motors	2000	2001		Working
891	CLINICAL PATHOLOGY	Centrifuge	Remi motors	RM- 12C			21/09/2016	20/09/2017	Working
892	CLINICAL PATHOLOGY	Centrifuge	Remi motors	RM- 12C					Working

S.No	Department	Equipment	Manufacturer	Model	Supplier	Price	War Start	War End	Status
893	CLINICAL PATHOLOGY	Centrifuge	Remi motors	RM- 12C					Working
894	CLINICAL PATHOLOGY	Hot Air Oven	Technico			16-06-1905			Working
895	CLINICAL PATHOLOGY	Incubator	Yorco			15-06-1905			Working
896	CLINICAL PATHOLOGY	Serological Water Bath	Yorco	YSI-413		16-06-1905			Working
897	PATHOLOGY	Cryostart	LEICA	CM 1510	Lab India	19/02/2004	18/02/2007		Working
898	PATHOLOGY	Tissue processor	Micron	STP 120	labcom	26/07/2010	25/07/2015		Working
899	PATHOLOGY	Ultra centrifuge	Shandon	Cytospin_3	Indchem	18/02/93	17/02/94		Working
900	PATHOLOGY	Auto Sharp	Shandon	Auto sharp-5	INDCHEM	18/02/93	17/02/94		Working
901	PATHOLOGY	Rotory Microtome	Leica lab India	Jung Multicut	lab India	1993	1994		Working
902	PATHOLOGY	Rotory Microtome	Micron	HM 340E	Labcon	26/07/2010	25/07/2011		Working
903	PATHOLOGY	Incubator	Yarco	ysi-438	Lazer Instrument	18/02/93	17/02/94		Working
904	PATHOLOGY	Water bath	Yarco	Ysi-133	Lazer Instrument	18/02/93	17/02/94		Working
905	PATHOLOGY	Balance	shimadzu	BL-220H	Yarco	08-10-2015	08-09-2016		Working
906	PATHOLOGY	Microscope	Olympus	KIC 26631	Hospin surgical	18/02/93	17/02/96		Working
907	PATHOLOGY	Declifier	Yarco		Laser	18/02/93	17/02/96		Working
908	PATHOLOGY	Immuno fluro.Microscope	Carl Zeiss	Axioscope	Carl Zeiss toshniwal	12-03-1994	12-02-1997		Working
909	PATHOLOGY	Immuno fluro.Microscope	Carl Zeiss	Axioscope	Carl Zeiss toshniwal	12-03-1994	12-02-1997		Working
910	PATHOLOGY	Incubator	Yorco	Ysi-438	Yarco laser instrument	27/04/95	26/04/98		Working
911	PATHOLOGY	Microscope	Nichon	UFX-DX		1993	1994		Working
912	PATHOLOGY	Microscope	Nichon	Labophot		1993	1994		Working
913	PATHOLOGY	Microscope	Nikon	E-200	Towa Optics	14/11/2014	13/11/2015		Working
914	PATHOLOGY	Microscope	Nikon	E-200	Towa Optics	14/11/2014	13/11/2015		Working
915	PATHOLOGY	Microscope	Nikon	E-200	Towa Optics	13/02/2014	02-12-2015		Working
916	PATHOLOGY	Microscope	Nikon	E-200	Towa Optics	13/02/2014	02-12-2015		Working
917	PATHOLOGY	Microscope	Nikon	E-201	Towa Optics	13/02/2014	02-12-2015		Working
918	PATHOLOGY	Microscope	Olympus	CH20I		12-09-2008	12-08-2009		Working

S.No	Department	Equipment	Manufacturer	Model	Supplier	Price	War Start	War End	Status
919	PATHOLOGY	Microscope	Olympus	CH20I		12-09-2008	12-08-2009	Working	
920	PATHOLOGY	Microscope	Olympus	CH20I		12-09-2008	12-08-2009	Working	
921	PATHOLOGY	Microscope	Olympus	CH20I		12-09-2008	12-08-2009	Working	
922	PATHOLOGY	Microscope	Olympus	CH20I		12-09-2008	12-08-2009	Working	
923	PATHOLOGY	Microscope	Olympus	CH20I		30/03/09	29/03/10	Working	
924	PATHOLOGY	Microscope	Olympus	CH20I		30/03/09	29/03/10	Working	
925	PATHOLOGY	Microscope	Olympus	CH20I		30/03/09	29/03/10	Working	
926	PATHOLOGY	Microscope	Olympus	CH20I		30/03/09	29/03/10	Working	
927	PATHOLOGY	Microscope	Olympus	CH20I		30/03/09	29/03/10	Working	
928	PATHOLOGY	<b>Microtome</b>	<b>YORCO</b>	<b>YSI 060</b>	<b>Indian scintific</b>	<b>30/06/2014</b>	<b>30/06/2014</b>	<b>Not Working</b>	
929	PATHOLOGY	PentaHead MicroScope	Olympus	BX-53F	Dss Imagetech	16/09/2014	15/09/2019	Working	
930	PATHOLOGY	Microscope	Olympus	CH-20I	Indian scintific	18/03/15	17/03/16	Working	
931	PATHOLOGY	Microscope	Olympus	CH-20I	Indian scintific	18/03/15	17/03/16	Working	
932	PATHOLOGY	Microscope	Olympus	CH-20I	Indian scintific	18/03/15	17/03/16	Working	
933	PATHOLOGY	Microscope	Olympus	CH-20I	Indian scintific	18/03/15	17/03/16	Working	
934	PATHOLOGY	Microscope	Olympus	CH-20I	Indian scintific	18/03/15	17/03/16	Working	
935	PATHOLOGY	Microscope	Olympus	CH-20I	Indian scintific	18/03/15	17/03/16	Working	
936	PATHOLOGY	Flow cyto meter, Work station and UPS online	Beckman	FC500	Beckman India	14.03.2013	13.03.2018	Working	
937		Hot Air Oven	Navyog	NU-107		26/04/2016		Working	
938		Hot Air Oven	Navyog	NU-107		26/04/2016		Working	
939		Centrifuge	Remi	R8C		1995		Working	
940		Water Bath	Guna			14/05/2014		Working	
941		Balance-Digital	ESSAe	D5-262				Working	
942	PATHOLOGY	Cryostat with UV	Leica	Leica CM 1860	Indian Scientific	12.04.2018	11.04.2023	Working	
943	<b>Micro Biology</b>	Analytical Balance	Wensar	PGB3000	Indiab Scien	18.10.2012	17.10.2013	Working	
944	Micro Biology	Automated Blood Culture System 3D 30 Bac 'T'Alert	Biomerieux	Do ICR 3420	Biomerieux India	14.06.2010	13.06.2012	Working	

S.No	Department	Equipment	Manufacturer	Model	Supplier	Price	War Start	War End	Status
945	Micro Biology	Balance Chemical	New Orial	NOR/7		24.02.1993	23.02.1994	Working	
946	Micro Biology	Balance Chemical	Keroy			02.03.2001	01.03.2002	Working	
947	Micro Biology	Bod Incubator	IN LABS	10 CFT		22.08.2009	21.08.2010	Working	
948	Micro Biology	Bod Incubator with Stabilizer (875x570x570)	Kemi	105		21.04.2007	20.04.2008	Working	
949	Micro Biology	Bio Safety Cabinet	Yarco			1993	1994	Working	
950	Micro Biology	Bio Safety Cabinet 4x2x2 Class 11 B2			Technico	28.07.2011	27.07.2012	Working	
951	Micro Biology	Bio Safety Cabinet 4x2x2 Class 11 B2			Technico	17.11.2011	16.11.2012	Working	
952	Micro Biology	Centrifuge R 8C	Remi	R8C		24.02.1993	23.02.1994	Working	
953	Micro Biology	Centrifuge R 8C	Remi	R8C		22.12.2004	2-1.12.2005	Working	
954	Micro Biology	Centrifuge RM 12C	Remi	RM12C		08.12.2010	07.12.2011	Working	
955	Micro Biology	Centrifuge R 90 swing out head Glass Lid	Remi	R8CBL		31.08.2012	30.08.2013	Working	
956	Micro Biology	Centrifuge RM 12 C (micro) RM 1215/1217	Remi	RM12 C		30.03.2013	29.03.2014	Working	
957	Micro Biology	Colony counter	Yarco			31.05.2005	30.05.2006	Working	
958	Micro Biology	Cyclomixer	Remi	CM101				Working	
959	Micro Biology	Cyclomixer Vertex	Remi			06.01.2011	05.01.2012	Working	
960	Micro Biology	Distilled water plant + water level cutoff sys Steel	Kemi	KWS-3		05.10.2012	04.10.2013	Working	
961	Micro Biology	Deep freezer -40C	Thermo penpal	DF 40U	Rs 4,04,250	04.07.2013	03.07.2018	Working	
962	Micro Biology	Double distilled water palnt	Bhanu Scientific	AQDD-20PDB/XL		02.01.2014	01.01.2015	Working	
963	Micro Biology	Water Stills dis.d water plant	Bhanu Scientific	Edu still single		02.01.2014	01.01.2015	Working	
964	Micro Biology	Electronic Precision balance	Afcoiset	FX300		31.03.2001	30.03.2002	Working	
965	Micro Biology	Electronic Weighing balance digital	ESSAE	DS-252		03.12.2004	02.12.2005	Working	

S.No	Department	Equipment	Manufacturer	Model	Supplier	Price	War Start	War End	Status
966	Micro Biology	Electronic Analytical balance	Shimdzu			28.07.2009	27.07.2010		Working
967	Micro Biology	Electronic Balance	Shimdzu	BL 2020H		24.05.2012	23.05.2013		Working
968	Micro Biology	Elisa Reader,Washer,PC., Printer and UPS	Tecan Sanrice	Sunraise, HydroFlex		14.02.2012	13.02.2017		Working
969	Micro Biology	Hot plate	Guna			1999	2000		
970	Micro Biology	Hot Plate (Rectangular)	Riviera	HPRE/14-7-141200		13.06.2015	12.06.2016		Working
971	Micro Biology	Hot air Oven	Kemi			21.04.2007	20.04.2008		Working
972	Micro Biology	Hot Air oven Digital 600x600x900	Kemi	KDMS6PD		18.01.2011	17.01.2012		Working
973	Micro Biology	Incubator Portable	Yarco			1995	1996		Working
974	Micro Biology	Incubator Small	Yarco	YSI-438		1999	2000		Working
975	Micro Biology	Incubator Digital 600x600x600	Kemi	S5FD		21.04.2007	201.04.2008		Working
976	Micro Biology	Incubator Bact.600x600x600	Kemi	KIS-5FD		18.01.2011	17.01.2012		Working
977	Micro Biology	Insipissator	Grant Germany	T-100IN		02.07.2013	01.07.2014		Working
978	Micro Biology	Laminar Air Flow 2x4	Yorco			1993	1994		Working
979	Micro Biology	Laminar Air Flow 2x2	Yorco	YSI-188		1997	1998		Working
980	Micro Biology	Laminar Air Flow 6x2x2 Chamber	Technico			17.11.2011	16.11.2012		Working
981	Micro Biology	Magnetic Stirrer	Eltek			19.11.2004	19811.2005		Working
982	Micro Biology	Microscope with phase contrast dark Field with camera	Carl Ziess	AxioScope 50		21.11.2012	20.11.2013		Working
983	Micro Biology	Microscope Research	Carl Ziess	AxioScope 50		21.11.2012	20.11.2013		Working
984	Micro Biology	Microscope Student	Carl Ziess	AxioScope 50		1997	1998		Working
985	Micro Biology	Microscope GB Monocular	Olympus			22.05.2004	21.05.2005		working
986	Micro Biology	Microscope GB Monocular	Olympus			27.05.2004	26.05.2005		Working
987	Micro Biology	Microscopes Primostar	Carl Zeiss						Working

S.No	Department	Equipment	Manufacturer	Model	Supplier	Price	War Start	War End	Status
988	Micro Biology	Microscopes Primostar	Carl Zeiss						Working
989	Micro Biology	Microscopes Primostar	Carl Zeiss						Working
990	Micro Biology	Microscopes Primostar	Carl Zeiss						Working
991	Micro Biology	Microscopes Primostar	Carl Zeiss						Working
992	Micro Biology	Micro MGIT Fluorescence reader		BDBBLMGIT		05.03.2013	04.03.2014		Working
993	Micro Biology	Orbital shaker	Rivotek	50031003		18.06.2012	17.06.2013		Working
994	Micro Biology	PH Meter-361	Systronics			1993	1994		Working
995	Micro Biology	PH Meter Digital	Systronics			03.12.2004	02.12.2005		Working
996	Micro Biology	Real time PCR system	M/s. Indus	Rotor Gene Q 5Plex		30.10.2012	29.10.2013		Working
997	Micro Biology	PCR work station	Genei			11.01.2012	10.01.2013		Working
998	Micro Biology	Serological Water both with Shaker	Yarco			31.05.2005	30.05.2006		Working
999	Micro Biology	Ultra Sonicator	Rivotek	2160		18.01.2011	17.01.2012		Working
1000	Micro Biology	VDRL Rotator	Remi	EYCM629		23.07.2004	22.07.2005		Working
1001	Micro Biology	Vortex Mixer	Riviera			14.11.2012	13.11.2013		Working
1002	Micro Biology	Micro Centrifuge	Thermo Fisher	sorvall st16	genesis	18/02/2016	17/02/2017		Working
1003	Micro Biology	Laminar Air Flow	Technico Lab.Product	Floor Stand Model	Bhavani	20/10/16	19/10/17		Working
1004	Micro Biology	Centrifuge	Thermo Fisher	Legend Micro 21R	genesis	RS 3,16,547/-	17/05/2017	16/05/2022	Working
1005	Micro Biology	Serological Water Bath	Technico	2064-1		23/07/2014			Working
1006	Micro Biology	Serological Water Bath	Technico	2064-1		23/07/2014			Working
1007	Micro Biology	Centrifuge	Remi	R8CBL					Working
1008	Micro Biology	Elisa Washer	BioRad	PW-40		13-03-2018			Working
1009	<b>Virology Lab</b>	Semi Micro balance	Shindzu	AUW220D	Shindzu	24.03.2015	23.03.2016		Working
1010	Virology Lab	Refrigerated Centrifuge	Eppendorf	5424R	Eppendorf	01.04.2015	31.03.2016		Working
1011	Virology Lab	Laminar Air flow- Vertical	Technico Laborator		Technico Laborator	20.04.2015	19.04.2016		Working
1012	Virology Lab	water bath	Equitron	6701 D1	Equitron	21.04.2015	20.04.2016		Working
1013	Virology Lab	Incubator	KEMI	KIS-5	KEMI	22.04.2015	21.04.2016		Working

S.No	Department	Equipment	Manufacturer	Model	Supplier	Price	War Start	War End	Status
1014	Virology Lab	Vertical Autoclave	Equitron	7440FA	Equitron		04.05.2015	03.05.2016	Working
1015	Virology Lab	Deep Freezer - 20 C	Remi	RQV-600P	Bhavani Enterprizer		04.05.2015	03.05.2016	Working
1016	Virology Lab	Micro Plate Reader	Bio Rad	PR 4100	Bio Rad		07.05.2015	06.05.2016	Working
1017	Virology Lab	Micro Plate Washer	Bio Rad	PW-40	Bio Rad		07.05.2015	06.05.2016	Working
1018	Virology Lab	PCR Workstation	Genei		Vijetha		07.05.2015	06.05.2016	Working
1019	Virology Lab	Water Purification system	Bio Agen	Dura Purification	Bio Agen		16.05.2015	15.05.2016	Working
1020	Virology Lab	Real time PCR	Agilant Technology	G8830-64001	Agilant Technology		21.05.2015	20.05.2017	Working
1021	Virology Lab	Bio-Spectrometer	Eppendrof		Eppendrof		02.06.2015	01.06.2017	Working
1022	Virology Lab	IBCOTS System	Life Technology	Bo41AIB2	Life Technology		02.06.2015	01.06.2016	Working
1023	Virology Lab	Bio Safety cabinet	Thermofisher	1336	Thermofisher		30.06.2015	29.06.2018	Working
1024	Virology Lab	Mastercycler nexus gradient	Eppendorf India Ltd	6331DQ008777	Eppendorf India Ltd		04.07.2015	03.07.2017	Working
1025	Virology Lab	ICE Flaker Machine	Labman	LM-1F-30	Labman		21.07.2015	20.07.2016	Working
1026	Virology Lab	Gel Documentation	Bio Screen		Bio Screen		25.07.2015	24.07.2018	Working
1027	Virology Lab	Deep freezer -80	Thermo	ULT 86	Genisis		11.8.2015	10.8.2017	Working
1028	Virology Lab	BioSafety Cabinet	Thermo	1384M-1384	Genesis		17.05.2017	16.05.2022	Working
1029	Virology Lab	CentriFuge	Remi	R8CBL	Indian Scientific		08-02-2015	07-01-2016	Working
1030	Virology Lab	Magnetic Stirrer-Digital	Remi	4050	Indian Scientific		08-02-2015	07-02-2016	Working
1031	Virology Lab	DryBath	Revira	5003-00/1	Indian Scientific		06-02-2016	06-01-2017	Working
1032	Virology Lab	Hot Air Oven	Equitron	7051/150			12-02-2015		Working
1033	Virology Lab	Orbital shaker	Tarson	3060					Working
1034	Virology Lab	PH Meter	Eutech	ECPC-700433	Verandra Surgical				Working
1035	Virology Lab	Rocking Shaker	Tarson	4082					Working
1036	Virology Lab	Test Tube Rotator	Tarson	3070					Working
1037	Virology Lab	Vertex Shaker	Tarson	3020					Working
1038	Virology Lab	DRYBATH-Digital	Tarson	6040					Working
1039	Physio Therapy	Laser Therapy	Electro care	EC Laser 306	Electrocare		01-01-2001	31/12/2004	Working

S.No	Department	Equipment	Manufacturer	Model	Supplier	Price	War Start	War End	Status
1040	Physio Therapy	IsoKinetic System	biodex	system 4pro	Hospimedica		21/07/2011	20/07/2014	Working
1041	Physio Therapy	Traction Machine	Autotrac 100				01-09-2017	01-08-2018	Working
1042	Physio Therapy	Traction Machine	Autotrac						Working
1043	Physio Therapy	Muscle Stimulators	Bharat Medical Sys	Physiotim - 7					Working
1044	Physio Therapy	Muscle Stimulators	Bharat Medical Sys	Physiotim - 8					Working
1045	Physio Therapy	Muscle Stimulators	Bharat Medical Sys	Physiotim - 9					Working
1046	Physio Therapy	Muscle Stimulators	Bharat Medical Sys	Physiotim - 10					Working
1047	Physio Therapy	Muscle Stimulators	Bharat Medical Sys	Physiotim - 11					Working
1048	Physio Therapy	Muscle Stimulators	HMS						Working
1049	Physio Therapy	Muscle Stimulators	HMS						Working
1050	Physio Therapy	IFT	Kody Medical Electronic	Kodytron Plus					Working
1051	Physio Therapy	IFT	Kody Medical Electronic	Kodytron Plus					Working
1052	Physio Therapy	IFT	Kody Medical Electronic	Kodytron Plus					Working
1053	Physio Therapy	IFT	HMS	INDOMED 601					Working
1054	Physio Therapy	WAX Therapy	HMS						Working
1055	Physio Therapy	WAX Therapy							Working
1056	Physio Therapy	Ultrasound	Techomed Electronics	Electroson - 709					Working
1057	Physio Therapy	Ultrasound	Techomed Electronics	Electroson - 710					Working
1058	Physio Therapy	Ultrasound		Electrostim-T					Working
1059	Physio Therapy	Ultrasound	HMS	INDOSONIC 102					Working
1060	Physio Therapy	Ultrasound	HMS	INDOSONIC 103					Working
1061	Physio Therapy	Body Composition Analyzer		N 20	Rs 6,54,100		12-05-2014	12-04-2019	Working
1062	Physio Therapy	Portable Laser	Techomed Electronic						Working
1063	Physio Therapy	Portable Laser	Techomed Electronic						Working
1064	Physio Therapy	Threadmill	Stayfit	CTX3	Rs 2,09,738				Working
1065	Physio Therapy	Threadmill	Aerofit	HK300					Working

S.No	Department	Equipment	Manufacturer	Model	Supplier	Price	War Start	War End	Status
1066	Physio Therapy	Short wave Diathermy	HMS	Indotherm 500	HMS				Working
1067	Physio Therapy	Short wave Diathermy	IBMT						Working
1068	Physio Therapy	ENMG BioFeedBack System	Enraf	Myomed 632X	Rs 4,12,072		29/01/2016	28/01/2017	Working
1069	Physio Therapy	Lipotone	Johari Digital	Flex-E-Tone EME 123	Vijetha		27.04.2018	26.04.2019	Working
1070	Physio Therapy	Lipotone	Johari Digital	Flex-E-Tone EME 124	Vijetha		27.04.2018	26.04.2019	Working
1071	Physio Therapy	Lipotone	Johari Digital	Flex-E-Tone EME 125	Vijetha		27.04.2018	26.04.2019	Working
1072	Physio Therapy	Lipotone	Johari Digital	Flex-E-Tone EME 126	Vijetha		27.04.2018	26.04.2019	Working
1073	<b>Bio-Technology</b>	Hot Air over	Yarco	YSI-431	Laser instrument		06.01.2004	05.01.2005	Working
1074	Bio-Technology	Distilled Water Plant	BHANU	SAFGTYCUTOUT	Indian Scientific		06.01.2004	05.01.2005	Working
1075	Bio-Technology	Double Distilled Water plant	BHANU	AQDD-20P-DB	Infusil India Pvt		05.01.2005	04.01.2006	Working
1076	Bio-Technology	Deep Freezer -20C		Vestfrost	Vijetha medical Systems		20.08.2008	19.08.2009	Working
1077	Bio-Technology	Deep Freezer -86C	Tech Lab	TCL280	Tech Lab		27.04.2005	26.04.2006	Working
1078	Bio-Technology	Cooling Centrifuge	Remi	C-24	Vijetha medical Systems		28.10.2008	27.10.2009	Working
1079	Bio-Technology	Laminar Air Flow (2x2)	Air Tech		Bross Sci		27.10.2006	26.10.2007	Working
1080	Bio-Technology	UV trans Illuminator	Lab india		Bross Sci		13.05.2004	12.05.2005	Working
1081	Bio-Technology	Sonicator	Revotek	STD Sonicator	Indian Scientific		31.07.2009	30.07.2010	Working
1082	Bio-Technology	Colony Counter	HIMEDIA		Bross Sci		04.05.2009	03.05.2010	Working
1083	Bio-Technology	Dry Bath	GENEI	DB900	Bross Sci		17.09.2004	16.09.2005	Working
1084	Bio-Technology	Cyclo Mixer	Remi	CM-101	Indian Scientific		08.09.2005	07.09.2006	Working
1085	Bio-Technology	DNA Sequencer	GENEI		L.V.products		26.11.2008	25.11.2009	Working
1086	Bio-Technology	Laminar Air Flow (4x2x2)	Clean Air	CAH1200	Indian Scientific		06.12.2003	05.12.2004	Working
1087	Bio-Technology	Inverted Microscope	Motic AE-31	50212001	Lab AID		29.04.2005	28.04.2006	Working
1088	Bio-Technology	Multiporator	Ependrof		Ependrof		01.09.2005	31.08.2006	Working
1089	Bio-Technology	PCR	Ependrof		Ependrof	RS 4,62,000/-	19/07/16	18/07/17	Working

S.No	Department	Equipment	Manufacturer	Model	Supplier	Price	War Start	War End	Status
1090	Bio-Technology	UV trans Illuminator	Lab india		Bross Sci		13.06.2004	12.06.2005	Working
1091	Bio-Technology	Gel Documenter	Vilber Lourmet		Labmate		20.05.2005	18.05.2007	Working
1092	Bio-Technology	PH Meter	Eutech		Bross Sci		28.08.2009	27.08.2010	Working
1093	Bio-Technology	UV Spectrophotometer	Cyber Lab	CYBER UV-1	Indian Scientific		06.01.2009	05.01.2010	Working
1094	Bio-Technology	UV Spectrophotometer	ELICO		Indian Scientific		02.09.2004	01.09.2005	Working
1095	Bio-Technology	CO2 Incubator	Thermofisher	Stericycle i160	Genesis		16/02/2017	15/02/2022	Working
1096	Bio-Technology	PH Meter	Systronics	361	Systronics		06.12.2002	05.12.2003	Working
1097	Bio-Technology	Homogenizer	Remi	RQ127A	Inaian Scie		06.12.2003	05.12.2004	Working
1098	Bio-Technology	Water Bath	Remi	KWB.190	Indian Scientific		08.09.2005	07.09.2006	Working
1099	Bio-Technology	Weighing Balance	Simadzu	BL-220H	Bross Sci		06.01.2005	05.01.2006	Working
1100	Bio-Technology	Electrophoresis Horizontel	GENEI		Indian Scientific		23.03.2005	22.03.2006	Working
1101	Bio-Technology	Electrophoresis Verticle	GENEI		Indian Scientific		23.03.2005	22.03.2006	Working
1102	Bio-Technology	GEL Rocker	GENEI	GR020	Indian Scientific		23.03.2005	22.03.2006	Working
1103	Bio-Technology	Incubator 37C	Yarco	YSI-438	Lszer Instru		14.03.2005	13.03.2006	Working
1104	Bio-Technology	GEL Dryer	GENEI	2535/3545	Indian Scientific		06.01.2004	05.01.2005	Working
1105	Bio-Technology	Cooling Centrifuge	Remi	RBC	Indian Scientific		20.10.2008	21.10.2009	Working
1106	Bio-Technology	Centrifuge	Remi	RBC	Indian Scientific		10.12.2003	09.12.2004	Working
1107	Bio-Technology	BOD Incubator	HECO	216	Bross Sci		06.10.2004	05.10.2005	Working
1108	Bio-Technology	Real Time PCR	Applied Bio	7300	Lab India		04-01-2009	31/4/2010	Working
1109	Bio-Technology	Microscope	Olympus	CX21i			10.12.2003	09.12.2004	Working
1110	Bio-Technology	Microscope (Monocular)	Olympus	MLM			10.12.2003	09.12.2004	Working
1111	Bio-Technology	Microscope (Monocular)	Olympus	MLM			10.12.2003	09.12.2004	Working
1112	Bio-Technology	Microscope (Monocular)	Olympus	MLM			10.12.2003	09.12.2004	Working

## Equipment status Report on 1/06/2018 – SVIMS

**Total Number of Equipments = 119**

**Number functional Equipment= 119**

**Number non functional Equipment = 0**

**Percentage = 119/119 \*100 =100 %**

### Equipment List - SPMCW – Hospital

S.No	Equipment	Department	Manufacturer	Supplier	Model	Ins.date	Status	Unit cost
1	OT Lights Dual Dome	Septic OT	Magna Tek	Magna Tek	Magnapax	11.05.2015	Working	3,47,000
2	OT Lights Dual Dome	Emergency OT	Magna Tek	Magna Tek	Magnapax	30.04.2015	Working	3,47,000
3	OT Lights Dual Dome	O B G	Magna Tek	Magna Tek	Magnapax	30.04.2015	Working	3,47,000
4	OT Lights Dual Dome	O B G	Magna Tek	Magna Tek	Magnapax	30.04.2015	Working	3,47,000
5	OT Lights Dual Dome	E N T	Magna Tek	Magna Tek	Magnapax	30.04.2015	Working	3,47,000
6	OT Lights Dual Dome	G S O T	Magna Tek	Magna Tek	Magnapax	30.04.2015	Working	3,47,000
7	Multi para Monitor	Anaesthesia	General Meditech	Trans Health Care	G 3 G	05.05.2015	Working	1,41,750
8	Multi para Monitor	Anaesthesia	General Meditech	Trans Health Care	G 3 G	05.05.2015	Working	1,41,750
9	Multi para Monitor	OBG ICU - 2	General Meditech	Trans Health Care	G 3 G	05.05.2015	Working	1,41,750
10	Multi para Monitor	Anaesthesia	General Meditech	Trans Health Care	G 3 G	05.05.2015	Working	1,41,750
11	Multi para Monitor	Anaesthesia	General Meditech	Trans Health Care	G 3 G	05.05.2015	Working	1,41,750
12	Multi para Monitor	O B G	General Meditech	Trans Health Care	G 3 G	05.05.2015	Working	1,41,750
13	Multi para Monitor	Anaesthesia	General Meditech	Trans Health Care	G 3 G	05.05.2015	Working	1,41,750
14	Multi para Monitor	Anaesthesia	General Meditech	Trans Health Care	G 3 G	05.05.2015	Working	1,41,750
15	Multi para Monitor	G S O T	General Meditech	Trans Health Care	G 3 G	05.05.2015	Working	1,41,750
16	Multi para Monitor	E N T	General Meditech	Trans Health Care	G 3 G	05.05.2015	Working	1,41,750
17	Multi para Monitor	O B G	General Meditech	Trans Health Care	G 3 G	05.05.2015	Working	1,41,750

S.No	Equipment	Department	Manufacturer	Supplier	Model	Ins.date	Status	Unit cost
18	Multichannel Monitor	Anaesthesia	General Meditech	Trans Health Care	G3G	30.09.2015	Working	1,32,300
19	Multichannel Monitor	Anaesthesia	General Meditech	Trans Health Care	G3G	30.09.2015	Working	1,32,300
20	Multichannel Monitor	Anaesthesia	General Meditech	Trans Health Care	G3G	30.09.2015	Working	1,32,300
21	Multichannel Monitor	Anaesthesia	General Meditech	Trans Health Care	G3G	30.09.2015	Working	1,32,300
22	Multichannel Monitor	OBG ICU - 1	General Meditech	Trans Health Care	G3G	30.09.2015	Working	1,32,300
23	Multichannel Monitor	Anaesthesia	General Meditech	Trans Health Care	G3G	30.09.2015	Working	1,32,300
24	Multi para Monitor	Anaesthesia	General Meditech	Trans Health Care	G 3 G	05.05.2015	Working	1,41,750
25	ICU Ventilator	Anaesthesia	Air Liquide	Air Liquide Medical	Monnal 175	26.05.2015	Working	6,50,000
26	ICU Ventilator	Anaesthesia	Air Liquide	Air Liquide Medical	Monnal 175	26.05.2015	Working	6,50,000
27	ICU Ventilator	Anaesthesia	Air Liquide	Air Liquide Medical	Monnal 175	26.05.2015	Working	6,50,000
28	ICU Ventilator	Anaesthesia	Air Liquide	Air Liquide Medical	Monnal 175	26.05.2015	Working	6,50,000
29	ICU Ventilator	Anaesthesia	Air Liquide	Air Liquide Medical	Monnal 175	26.05.2015	Working	6,50,000
30	ICU Ventilator	Anaesthesia	Air Liquide	Air Liquide Medical	Monnal 175	26.05.2015	Working	6,50,000
31	Potec Auto Ref.Keratometer	Ophthalmology	Appasamy Associates	Appasamy Associates	PRK 6000	01.06.2015	Working	
32	Impedenec Audiometer stem with accessories	E N T	Alliance Biomedica	Alliance Biomedica	G3139 Velsen3	08.06.2015	Working	4,72,557
33	Bipolar Cautery	G S O T	ERBE, Germany	ERBE, Germany	VIO 300S Version I	14.08.2015	Working	3,93,750
34	Bipolar Cautery	Emergency OT	ERBE, Germany	ERBE, Germany	VIO 300S Version I	14.08.2015	Working	3,93,750
35	Bipolar Cautery	E N T	ERBE, Germany	ERBE, Germany	VIO 300S Version I	14.08.2015	Working	3,93,750
36	Bipolar Cautery	O B G	ERBE, Germany	ERBE, Germany	VIO 300S Version I	14.08.2015	Working	3,93,750
37	Cryosurgery Unit	Gynaecology	ERBE, Germany	ERBE, Germany	ERBO KRYO CA	14.08.2015	Working	5,98,500
38	Cryosurgery Unit	Gynaecology	ERBE, Germany	ERBE, Germany	ERBO KRYO CA	14.08.2015	Working	5,98,500
39	Infusion Pump	Anaesthesia	GUANGZHOU WIT	Trans Health Care	WIT 601A	30.09.2015	Working	34,963
40	Infusion Pump	Anaesthesia	GUANGZHOU WIT	Trans Health Care	WIT 601A	30.09.2015	Working	34,963
41	Infusion Pump	Anaesthesia	GUANGZHOU WIT	Trans Health Care	WIT 601A	30.09.2015	Working	34,963
42	Infusion Pump	Anaesthesia	GUANGZHOU WIT	Trans Health Care	WIT 601A	30.09.2015	Working	34,963
43	Infusion Pump	Anaesthesia	GUANGZHOU WIT	Trans Health Care	WIT 601A	30.09.2015	Working	34,963

S.No	Equipment	Department	Manufacturer	Supplier	Model	Ins.date	Status	Unit cost
44	Infusion Pump	Anaesthesia	GUANGZHOU WIT	Trans Health Care	WIT 601A	30.09.2015	Working	34,963
45	Infusion Pump	Anaesthesia	GUANGZHOU WIT	Trans Health Care	WIT 601A	30.09.2015	Working	34,963
46	Infusion Pump	Anaesthesia	GUANGZHOU WIT	Trans Health Care	WIT 601A	30.09.2015	Working	34,963
47	Infusion Pump	Anaesthesia	GUANGZHOU WIT	Trans Health Care	WIT 601A	30.09.2015	Working	34,963
48	Infusion Pump	Anaesthesia	GUANGZHOU WIT	Trans Health Care	WIT 601A	30.09.2015	Working	34,963
49	Multichannel Monitor	Anaesthesia	General Meditech	Trans Health Care	G3G	30.09.2015	Working	1,32,300
50	Multichannel Monitor	Anaesthesia	General Meditech	Trans Health Care	G3G	30.09.2015	Working	1,32,300
51	Multichannel Monitor	Anaesthesia	General Meditech	Trans Health Care	G3G	30.09.2015	Working	1,32,300
52	Multichannel Monitor	Anaesthesia	General Meditech	Trans Health Care	G3G	30.09.2015	Working	1,32,300
53	Multichannel Monitor	OBG ICU - 1	General Meditech	Trans Health Care	G3G	30.09.2015	Working	1,32,300
54	Multichannel Monitor	Anaesthesia	General Meditech	Trans Health Care	G3G	30.09.2015	Working	1,32,300
55	Anaesthesia Workstation	Anaesthesia	Allied Medical	Allied Medical Ltd	Jupiter Plus	16.10.2015	Working	5,76,535
56	Anaesthesia Workstation	O B G	Allied Medical	Allied Medical Ltd	Jupiter Plus	16.10.2015	Working	5,76,535
57	Anaesthesia Workstation	Anaesthesia	Allied Medical	Allied Medical Ltd	Jupiter Plus	16.10.2015	Working	5,76,535
58	Anaesthesia Workstation	Anaesthesia	Allied Medical	Allied Medical Ltd	Jupiter Plus	16.10.2015	Working	5,76,535
59	Anaesthesia Workstation	Emergency OT	Allied Medical	Allied Medical Ltd	Jupiter Plus	16.10.2015	Working	5,76,535
60	Anaesthesia Workstation	Septic OT	Allied Medical	Allied Medical Ltd	Jupiter Plus	16.10.2015	Working	5,76,535
61	Suction Apparatus	Nurses Room	Supreme Enterprises		INSTAVAC	24.06.2015	Working	18,750
62	Suction Apparatus	Nurses Room	Supreme Enterprises		INSTAVAC	24.06.2015	Working	18,750
63	Suction Apparatus	EC Lamp IA	Supreme Enterprises		INSTAVAC	24.06.2015	Working	18,750
64	Suction Apparatus	G S O T	Supreme Enterprises		INSTAVAC	24.06.2015	Working	18,750
65	Suction Apparatus	Nurses Room	Supreme Enterprises		INSTAVAC	24.06.2015	Working	18,750
66	Suction Apparatus	Nurses Room	Supreme Enterprises		INSTAVAC	24.06.2015	Working	18,750
67	Suction Apparatus	Nurses Room	Supreme Enterprises		INSTAVAC	24.06.2015	Working	18,750
68	Suction Apparatus	Emergency OT	Supreme Enterprises		INSTAVAC	24.06.2015	Working	18,750
69	Suction Apparatus	E N T	Supreme Enterprises		INSTAVAC	24.06.2015	Working	18,750
70	Suction Apparatus	SPWMC	Supreme Enterprises		INSTAVAC	24.06.2015	Working	18,750
71	Suction Apparatus	Nurses Room	Supreme Enterprises		INSTAVAC	24.06.2015	Working	18,750



S.No	Equipment	Department	Manufacturer	Supplier	Model	Ins.date	Status	Unit cost
	TH100 Image 1 H3-ZSPIES SI.No.RZW829256-H, TC200EN IMAGE 1CONNECT SI.No.RU731080-P,						Working	
	TC300 IMAGE 1 H3-LINK SI.No.RU731600-P, 26'FULL HD Monitor SI.No.L4ID10267, PEDSTAL FOR MONITOR,						Working	
	COLD Light Fountain Xenon Nova 175 SI.No.0U0701225, Ceramax Xenon Lamp 175W SI.No.4HJB2694						Working	
	Fiber Optic Cable, Hopkins II Telescope 0"4mm SI.No.120IQV, 1201RB, Hopkins II Telescope 30"4mm SI.No.1202SH						Working	
	Hopking II Telescope 45"4mm SI.No.12008B, Hopkins II Telescope 70"4mm 12012X,						Working	
	HOPKINS II TELESCOPE 0"2.7mm SI.No.1201LP, Hopkins II Telescope 30"2.7Mm SI.No.1201A3						Working	
86	1. Wireless Indirect Ophthalmoscope with 20 D Lens 2.78 D Volk Lens 3. Near Vision Chart	Ophthalmology	Appasamy	Appasamy	AAIO Wire les	07.12.2015	Working	1. 58,000/- 2. 16,000/- 3. 450/-
87	Slit Lamp-5 step	Ophthalmology	Appaswamy	Appaswamy	A1A 125S	11.01.16	Working	1,10,000
88	O T Tabale	G S O T	Hospi Tech		Hospitak		Working	
89	O T Tabale	OBG	Hospi Tech		Hospitak		Working	
90	O T Tabale	ENT	Hospi Tech		Hospitak		Working	
91	O T Tabale	OBG	Hospi Tech		Hospitak		Working	
92	O T Tabale	Emergency OT	Hospi Tech		Hospitak		Working	
93	Keratometer	Ophthalmology	Protec		Protec6000		Working	

S.No	Equipment	Department	Manufacturer	Supplier	Model	Ins.date	Status	Unit cost
94	Double Punch Laproscope Set  (Telecam Dx II CCU Sl.No.SU731764-P, Telecam Camera Head Sl.No.RU849685-H, C-Mount Lens , Led Nova 150W  Led Nova 150w Light Source Sl.No.RU3517, Fiber Optic Cable, Telescope 30'6.5mm Sl.No.4004694, Led Monitor (Samsung 23'Monitor)	O B G	Carl Storz	Vishal		15.02.2016	Working	8,90,000
							Working	
							Working	
							Working	
95	Operating Laparoscope Set  Tricam SL II Camera CCU Tricam Camera Head 15,Color LCD Monitor Sony Electronic CO2 Endoflator Led Nova Light 150W Light Source Fiber Optic Cable 4.8mm Hopkins II Telescope 30'10mm	O B G	Carl Storz	Vishal		15.02.2016	Working	
							Working	
							Working	
							Working	
							Working	
96	Operating Laparoscope Set  Tricam SL II Camera CCU Tricam Camera Head 15,Color LCD Monitor Sony Electronic CO2 Endoflator Led Nova Light 150W Light Source Fiber Optic Cable 4.8mm Hopkins II Telescope 30'10mm	O B G	Carl Storz	Vishal		15.02.2016	Working	
							Working	
							Working	
							Working	
							Working	

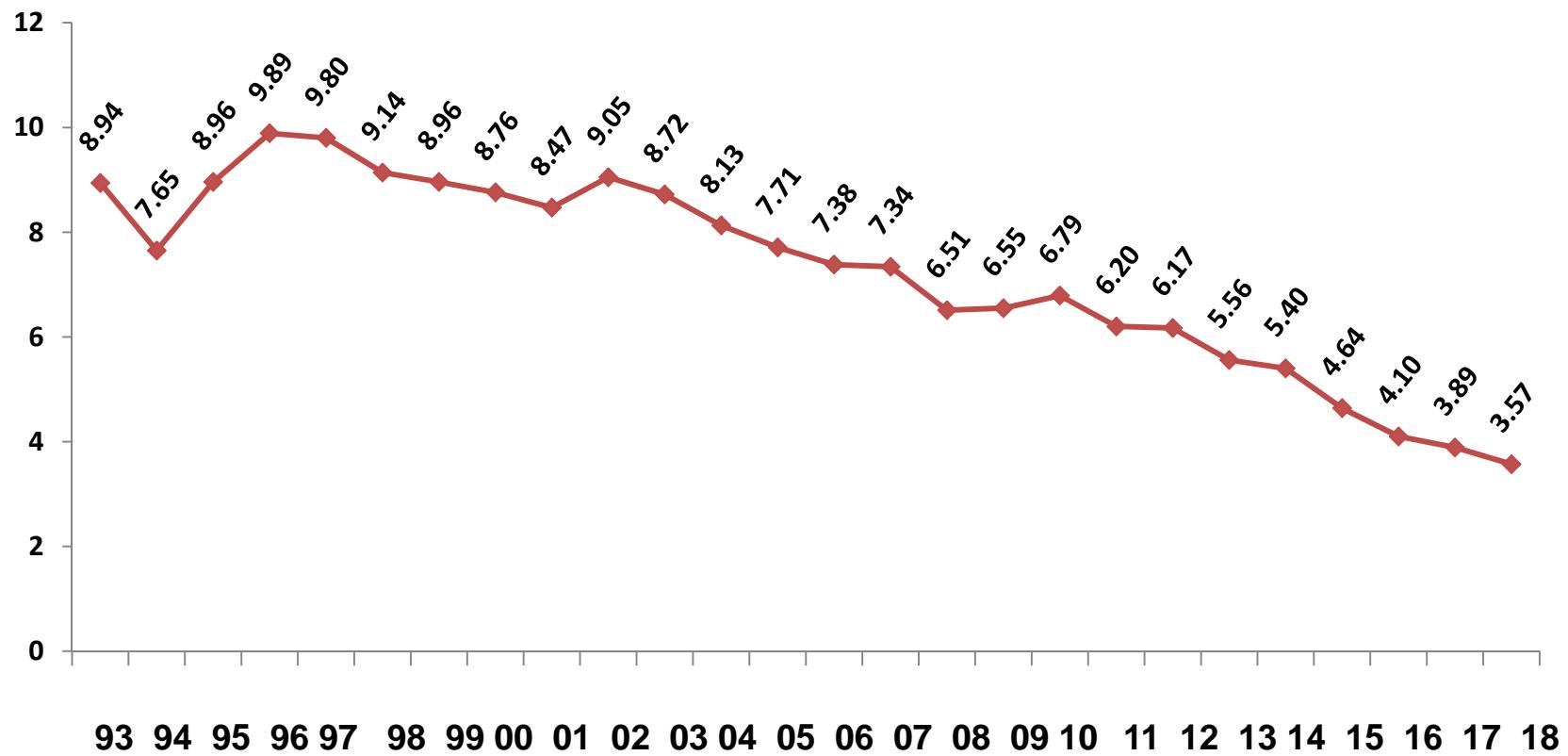
S.No	Equipment	Department	Manufacturer	Supplier	Model	Ins.date	Status	Unit cost
97	Colopscope Set  (Stand for Colopscope, Laptop with Medi-Scope Oem lite edition Software, Data Recording System)	O B G		Vishal	Video Colopscope	15.02.2016	Working	9,08,250
98	Baby Weighing Machine	Pediatrics	nice Neotech Medical	nice Neotech Medical		29.03.2016	Working	v
99	Baby Weighing Machine	Pediatrics	nice Neotech Medical	nice Neotech Medical		29.03.2016	Working	14,175
100	Infant meter	Pediatrics	nice Neotech Medical	nice Neotech Medical		29.03.2016	Working	13,356
101	Diagnostic Laparoscopy set	Gynaec OT	Karl Storz Germany	Vishal		05.04.2016	Working	28,84,350
	HOPKINS Telescope 30' 10mm, 31cm						Working	
	Electronic CO2 Endoflator SCB Set						Working	
	LED Nova 150 Cold Light Fountain						Working	
	TRICAM (R) II CCU SCB						Working	
	TRICAM 2 Chip Camera Head						Working	
102	Diagnostic Laparoscopy set	Gynaec OT	Karl Storz Germany	Vishal		05.04.2016	Working	28,84,350
	HOPKINS Telescope 30' 10mm, 31cm						Working	
	Electronic CO2 Endoflator SCB Set						Working	
	LED Nova 150 Cold Light Fountain						Working	
	TRICAM (R) II CCU SCB						Working	
	TRICAM 2 Chip Camera Head						Working	
103	Diagnostic Laparoscopy set	Gynaec OT	Karl Storz Germany	Vishal		05.04.2016	Working	28,84,350
	HOPKINS Telescope 30' 10mm, 31cm						Working	
	Electronic CO2 Endoflator SCB Set						Working	
	LED Nova 150 Cold Light Fountain						Working	

S.No	Equipment	Department	Manufacturer	Supplier	Model	Ins.date	Status	Unit cost
	TRICAM (R) II CCU SCB						Working	
	TRICAM 2 Chip Camera Head						Working	
104	Diagnostic Laparoscopy set	Gynaec OT	Karl Storz Germany	Vishal		05.04.2016	Working	28,84,350
	HOPKINS Telescope 30' 10mm, 31cm						Working	
	Electronic CO2 Endoflator SCB Set						Working	
	LED Nova 150 Cold Light Fountain						Working	
	TRICAM (R) II CCU SCB						Working	
	TRICAM 2 Chip Camera Head						Working	
105	Diagnostic Laparoscopy set	Gynaec OT	Karl Storz Germany	Vishal		05.04.2016	Working	28,84,350
	HOPKINS Telescope 30' 10mm, 31cm						Working	
	Electronic CO2 Endoflator SCB Set						Working	
	LED Nova 150 Cold Light Fountain						Working	
	TRICAM (R) II CCU SCB						Working	
	TRICAM 2 Chip Camera Head						Working	
106	Diagnostic Laparoscopy set	Gynaec OT	Karl Storz Germany	Vishal		05.04.2016	Working	28,84,350
	HOPKINS Telescope 30' 10mm, 31cm						Working	
	Electronic CO2 Endoflator SCB Set						Working	
	LED Nova 150 Cold Light Fountain						Working	
	TRICAM (R) II CCU SCB						Working	
	TRICAM 2 Chip Camera Head						Working	
107	Hystroscope set - 1 No.	Gynaec OT	Karl Storz Germany	Vishal		05.04.2016	Working	17,48,250
	HOPKINS II TELESCOPE 30 4mm Sl.No.1205Z3						Working	
	HAMOU ENDOMAT SCB Sl.No. NT14214						Working	

S.No	Equipment	Department	Manufacturer	Supplier	Model	Ins.date	Status	Unit cost
	One Pedal Footswitch, One Stage Sl.No. A01G2S						Working	
	Electronic CO2 Endoflator SCB Sl.No.NT34307						Working	
108	Defibrillator	Maternity	Nihon Kohden	Biomed Healthcare	TEC-5521	21.04.2016	Working	
109	Ultrasound Color Doppler System	Obstetrics (Gynaecology)	Esaote India	Esaote India	<b>Mylab 40</b>	03.05.2016	Working	15,49,400
	a. 19"LCD Monitor		Esaote India	Esaote India				
	b. B/B Convex Probe (2-7 MHz)		Esaote India	Esaote India	CA 541			
	c. B/B Endocavity Probe (3-9 MHz)		Esaote India	Esaote India	EC1123			
	d. B/W Thermal Printer		SONY	Esaote India	UP898MD			
	e. 1 KVA Online UPS		BPE	Esaote India				
	f. B/W Laser Printer		CANON	Esaote India	LBP2900			
	g. 100 CDS & 100 DVDS							
	h. Standard Accessories							
110	Portable Premium Color Doppler System	Obstetrics (Gynaecology)	Esaote India	Esaote India	<b>Mylab 25 GOLD</b>	13.06.2016	Working	19,00,000
	a. Convex Probe		Esaote India	Esaote India	CA431			
	b. Endocavity Probe		Esaote India	Esaote India	EC1123			
	c. Biopsy Attachment for Convex probe		Civico					
	d. Biopsy attachment for Endocavity probe		Civico					
	e. Trolley		Esaote India		145930108			
	f. Battery Set							
	g. B/W Thermal Printer		SONY		UPX898 MD			
	h. 1 KVA Online UPS		DELTA					
	i. Computer with colour laser printer		HP		HP desktop			

S.No	Equipment	Department	Manufacturer	Supplier	Model	Ins.date	Status	Unit cost
	j. Image management software standard Accessories	SONO						
111	Infant Warmers with bassinets	Paediatrics	Phoenix Medical	Phoenix Medical	NWS 102	18.06.2016	Working	55,000
112	Infant Warmers with bassinets	Paediatrics	Phoenix Medical	Phoenix Medical	NWS 102	18.06.2016	Working	55,000
113	Infant Warmers with bassinets	Paediatrics	Phoenix Medical	Phoenix Medical	NWS 102	18.06.2016	Working	55,000
114	Phototherapy Unit	Paediatrics	Phoenix Medical	Phoenix Medical	Brilliance	18.06.2016	Working	64,000
115	Phototherapy Unit	Paediatrics	Phoenix Medical	Phoenix Medical	Brilliance	18.06.2016	Working	64,000
116	Phototherapy Unit	Paediatrics	Phoenix Medical	Phoenix Medical	Brilliance	18.06.2016	Working	64,000
<b>TB &amp; Respiratory</b>								
117	Spirometer	TB & CD	NDD	JK Medical	Easy on PC	13/10/2016	Working	<b>Rs1,88,372</b>
118	Operating Microscope	Ophthalmology	Appa samy	Appa samy	AAOM Advent FS9	20.01.2018	Working	<b>Rs 5,60,000/-</b>
119	Operating Microscope	ENT	Carl Zeiss		S100/OPMI 1-FC	26.09.2016	Working	
	OT Lights Dual Dome	OBG	Martin	Na	Na		Working	
	Surgical diathermy	OBG	Martin	Vishal	Maximum		Working	
	Suction Apparatus	ENT OP	Sisco	Sisco	Venky		Working	
	Suction Apparatus	OBG	Dolpin		Dolpin		Working	
	Suction Apparatus	OBG					Working	
	Suction Apparatus	OBG					Working	
	Suction Apparatus	OBG					Working	
	Suction Apparatus	OBG					Working	

**SRI VENKATESWARA INSTITUTE OF MEDICAL SCIENCES - TIRUPATI**  
**MEDICAL RECORD DEPARTMENT**  
**Mortality Rate (GDR)**  
**1993 – 2018 (up to Feb 2018 )**



**SRI VENKATESWARA INSTITUTE OF MEDICAL SCIENCES - TIRUPATI**  
**MEDICAL RECORD DEPARTMENT**  
**Mortality Rate (NDR)**  
**1993 – 2018 (up to Feb 2018)**

