



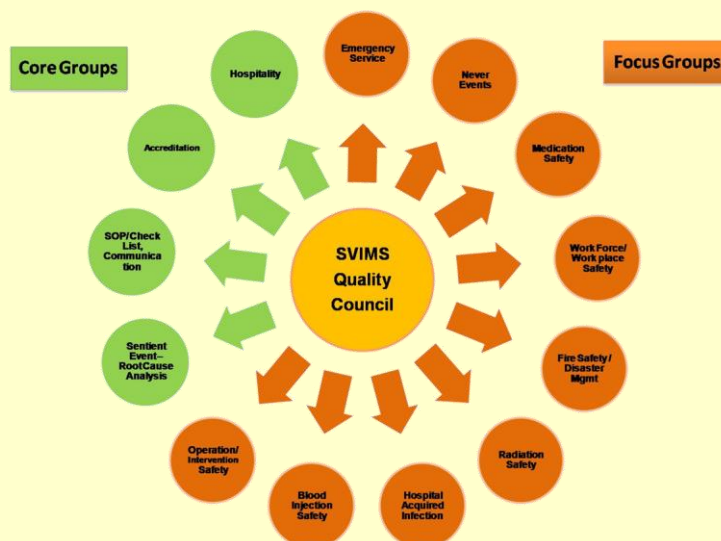
Sri Venkateswara Institute of Medical Sciences (SVIMS), Tirupati

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.

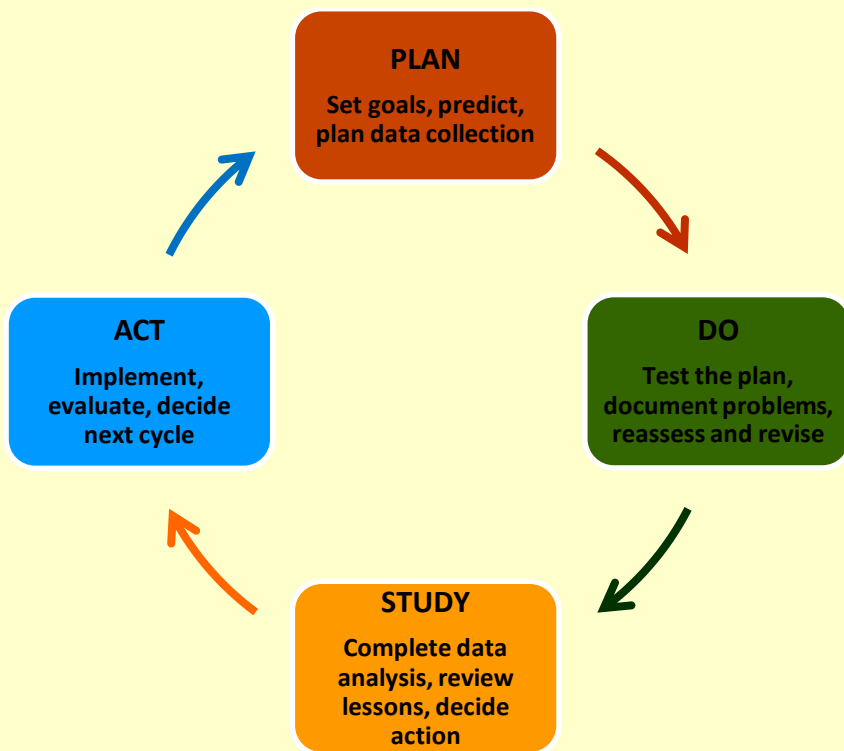
The **SQC** planning process resulted in the formation of nine focus groups and four core groups of workforce consisting of Doctors, Nurses, Administrators, Allied health staff and various other types of employees representing all segments of health system. The focus groups were formed to address: Emergency 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

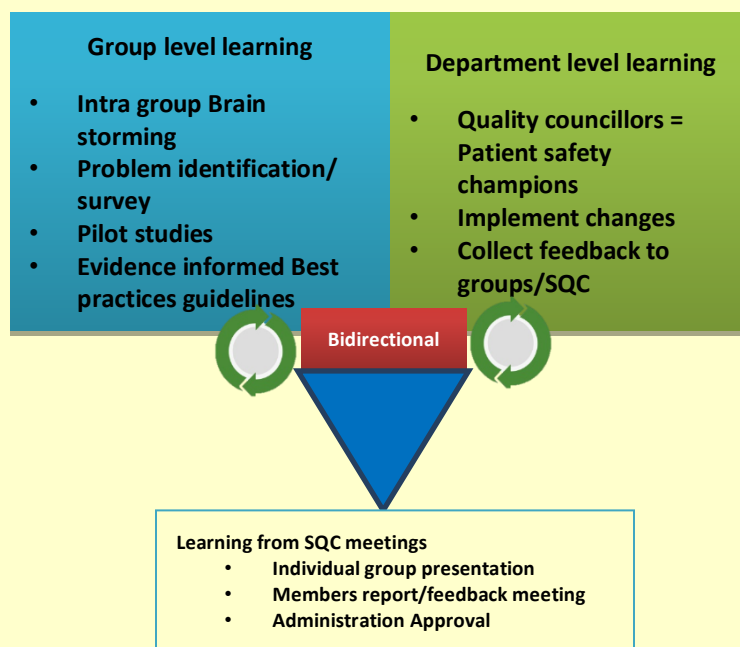


The groups work, on monthly deliverables and share barriers / successes, so as to find culturally competent and substantively sound sustainable solutions. The ultimate goal is to deliver “**Right Care**, to the **Right Patient** by the **Right Teams** in the **Right Place** at the **Right Time**....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

PDSA Cycle for Quality Improvement



At SVIMS, a modified PDSA (Plan, Do, Study, Act) cycle is implemented and followed, during & between monthly SQC meetings. This is termed ‘Rapid Cycle Bidirectional Learning’ as shown below:

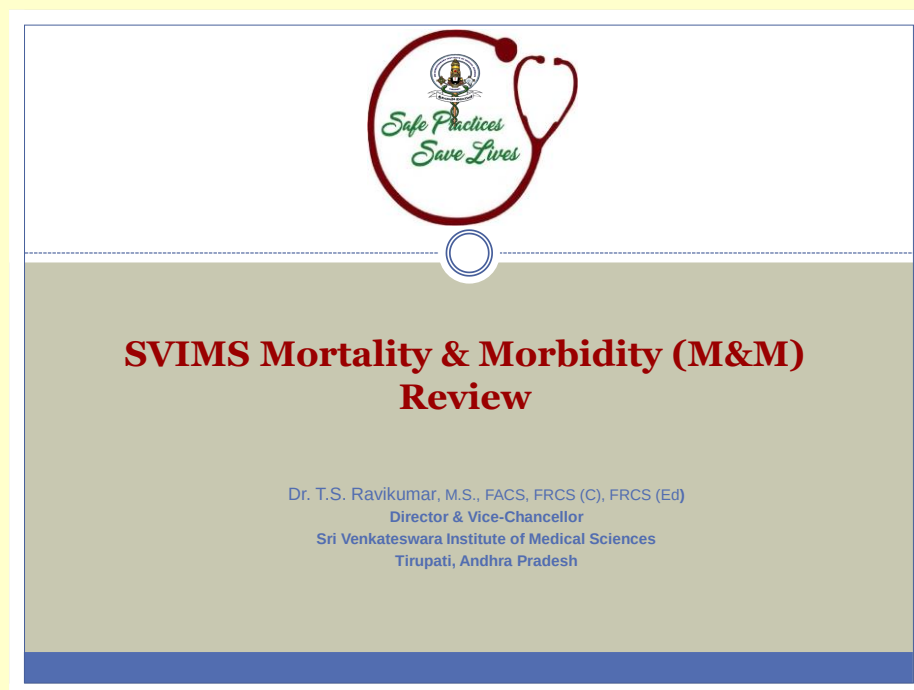


This is conceived as a two month cycle of Intra-group learning, Department level learning & monthly SQC meetings.

Tools of Trade

In order to empower ever healthcare worker and to measure performance against the set goals, SVIMS has developed several Tools of the Trade and analytics. One major tool & process is “Structured Mortality & Morbidity (M&M) Review”.

a) Structured M&M format

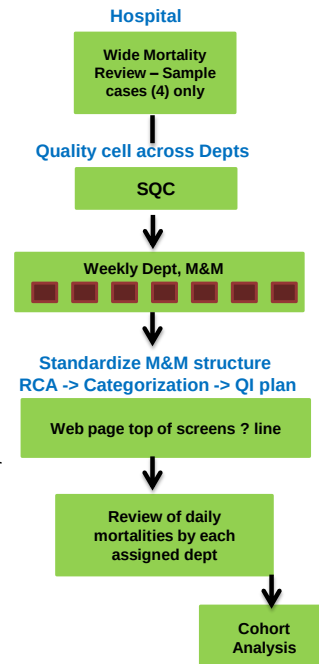


Structure for M&M

RCA	Categorization		QI Plan
ISHIKAWA CHART PATIENT FACTORS - Cx Tempus Stage 10k Post RT - Poor performance status ECOG 3 SYSTEM / HUMAN FACTORS - Dietsene Anemia/Circulatory failure - Pharyngitis/obstruction - Talleep apnea DEATH	Preventive harm	Yes	with GANTT Chart
	Patient disease	yes	
	System issue	no	
	Human factor	no	
	Knowledge deficit	None	
	Cognitive dissonance	None	
	Delay in diagnosis	yes	
	Delay in treatment	No	
	Delay in escalation of treatment	Yes	
	Error in technique	No	
	Error in treatment	No	
	Communication gap	No	
	Policy issue	None	
	People issue	None	
	Team issue	None	

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”.



Development of Tools & Analytics

Tools of Trade	Analytics (Pre and Post intervention)
➤ Check lists, SOPs ➤ Rounding tool ➤ Structured hand offs ➤ Structured communication tools ➤ Real case studies/ Scenarios ➤ Simulation models ➤ Root cause analysis models	➤ Hospital patient safety survey ➤ Staff competence, knowledge and satisfaction questionnaires ➤ Mutual performance assessment ➤ Measurable patient related outcomes ➤ Patient and care taker's feedback forms

b) Root Cause Analysis : Principles and striving for best practices at SVIMS.

i) SVIMS Policy

http://svimstpt.ap.nic.in/quality_files/sep2018/RCA.pdf

ii) Tools & Techniques: FIFTH EDITION, Joint Commission Resources, Joint Commission International <https://www.jcrinc.com/assets/1/14/EBRCA15Sample.pdf>

- c) In addition to outlining its unique Quality & Patient Safety initiative through 'SQC', SVIMS took a major step on June 12th 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 four areas were:

- 1. Code Blue**
- 2. NeverEvents**
- 3. Healthcare AssociatedInfections**
- 4. Biomedical Equipment List and PerformanceReport**

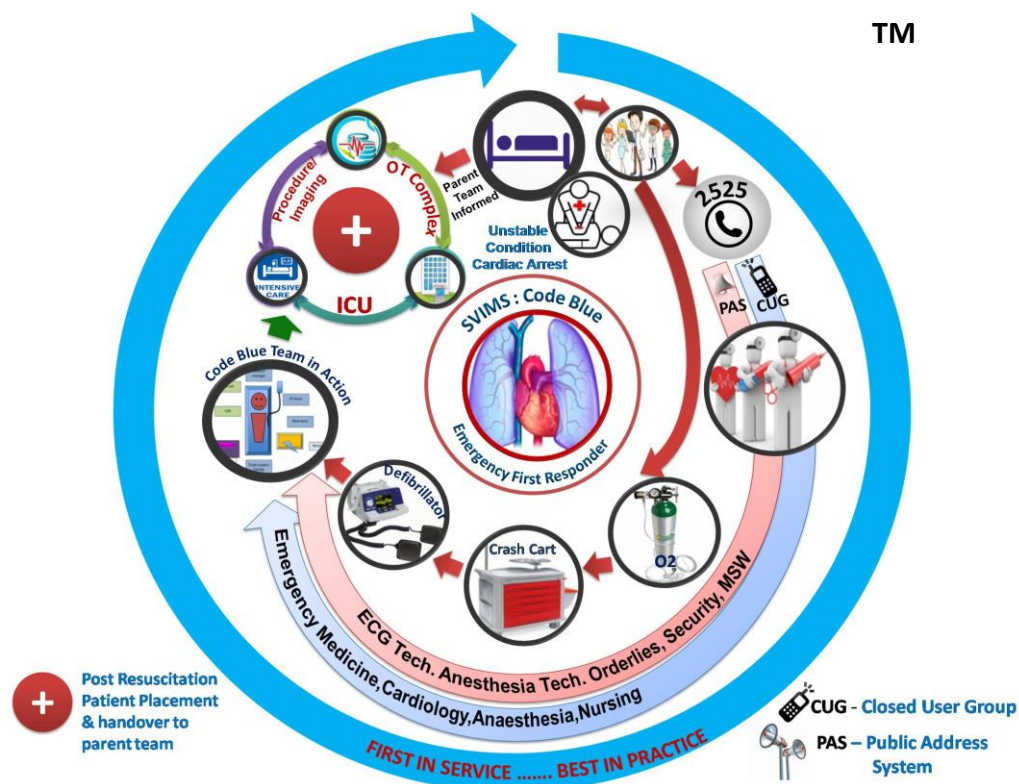
On 14.08.2017 in keeping with 71st independence day initiatives and coinciding again with Hon'ble HealthMinister, Dr. Kamineni Srinivas garu's visit to SVIMS, an additional domain unveiled: Total Hospital Mortality trended over time.

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

Each of these can be accessed in this quality portal by [clicking here](#).

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**.



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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 Code Blue activates 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 SVIMS hospital by dialling 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 31st October 2018

Month	No. of calls	Repeat calls	Patient calls	Survived	Death
June, 2016	33	04	29	06	23
July, 2016	58	03	55	12	43
August, 2016	35	02	33	08	25
September, 2016	33	08	25	03	22
October, 2016	33	03	30	06	24
November, 2016	28	01	27	03	24
December, 2016	39	03	36	07	29
January, 2017	41	03	38	05	33
February, 2017	39	03	36	06	30
March, 2017	36	01	35	05	30
April, 2017	46	10	36	02	34
May, 2017	43	05	38	05	33

Month	No. of calls	Repeat calls	Patient calls	Survived	Death
June,2017	34	03	31	05	26
July,2017	41	01	40	06	34
August,2017	49	05	44	04	40
September,2017	45	06	39	02	37
October,2017	67	09	58	12	46
November,2017	70	07	63	13	50
December,2017	53	08	45	06	39
January, 2018	45	09	36	06	30
February, 2018	49	15	34	0	34
March, 2018	65	09	56	11	45
April,2018	46	0	46	18	28
May,2018	61	03	58	08	50
June,2018	56	0	56	16	40
July,2018	52	05	47	06	41
August,2018	64	07	57	07	50
September,2018	56	03	53	14	39
October, 2018	73	06	67	08	59
Total calls	1390	142	1248	210	1038

Improving the effectiveness and long term survival analysis after Code Blue

SVIMS is currently performing 'Analysis of Code Blue outcomes in Long term Survivors'. SVIMS is also conducting audit of the effectiveness of resuscitation as well as instituting 'Debriefing' after each Code Blue call. Further, all Code Blue responders are being trained in BLS/ACLS protocol of American Heart Association, through SVIMS International Training Center, designated by AHA.



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.Ravikumar unveiled ('go live') the full spectrum of Seven Never Events listed, under the banner '**Serious Seven**'



NEVER EVENTS AT SVIMS : SERIOUS SEVEN

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 31st Oct, 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.

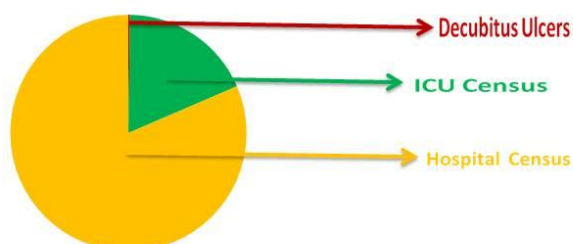
Decubitus Ulcers Report Stage 1 (Sept 2015 to 31st October 2018)

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
Nov,17	2	2	4	558	2557
Dec, 17	2	7	9	545	2547
Jan'18	6	8	14	523	2325
Feb'18	7	6	13	516	2553
Mar'18	4	3	7	671	3103
Apr'18	6	8	14	512	2455
May'18	2	6	8	584	2652
Jun'18	2	12	14	687	3099
Jul'18	0	4	4	532	2523
Aug'18	4	7	11	643	3133
Sep'18	11	8	18	381	1912
Oct'18	05	07	12	535	2416
Total	165	258	422	19821	95846

SRI VENKATESWARA INSTITUTE OF MEDICAL SCIENCES::TIRUPATI
DEPARTMENT OF NURSING
DECUBITUS ULCERS REPORT (From Jan, 2018 to upto October, 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 / 18710 patients) From Jan upto 21st Oct,2018

Jan,2018 upto October, 2018



Note :	Total Hospital Census :	24414	
	ICU patients	5188	21.25%
	Decubitus ulcer incidence :		
	Stage 1 & 2 : Developed at SVIMS	42	0.17%
	Present on Admission	63	0.25%
	Stage 3 & 4: NEVER EVENTS		
	No Stage 3 or 4 , No NEVER EVENTS.		

Measures taken for preventing stage III & IV. Never events incidence none.

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-2nd 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 cross matching.
- 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 cross matching. 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 outdating, implement FIFO policy
- The technician who is issuing blood should make entries in the cross matching 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 cross matching 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 discoloration & 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*	23,548	Nil
5.	2018 (upto Sep 25 th 2018)	18,807	Nil

- ↓ One patient received blood components in 2017 minor subtype mismatched blood treated with steroid promptly without any sequelae and discharged in normal condition.

iii. Metallic Object in MRI Suite causing injury

MRI SAFETY REPORT

The last unexpected event in MRI occurred on 10th 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& also upto 31st October 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 Priya
MRI PART TO BE EXAMINED: MRI - L spine.
DATE: 7/12/16
TIME: 8:00 AM

S.No	QUESTION	YES*	NO*
1	Have you had an MRI before		
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?	✓	✓
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 TROLLEY
OXYGEN CYLINDER WITH PATIENT**

*Tick in the column applicable.

SIGNATURE/LTI OF PATIENT: SO AS CONSENT OBTAINED AND INFORMED ABOUT SAFETY
SIGNATURE OF MRI TECHNICIAN ON DUTY

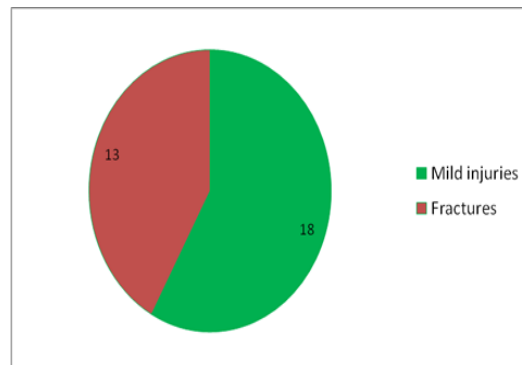
sample checklist

iv. Falls in Hospital Premises Causing Serious Injury or Death

Fall Huddle Report from Nov 2015 to 31st Oct, 2018

Year	Falls	Fracture	Mild Injuries
2015 (Nov & Dec)	02	01	01
2016	16	09	07
2017	07	03	04
2018	06	-	06
TOTAL	31	13	18

Fractures & Mild Injuries from Nov 2015 to 31st Oct, 2018



Fall Huddle Report on 1/11/15 to upto 31st October, 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.
Jun,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	Medical condyle of Lt.humerus. Rt.prosthetic femur	-	-
Oct,16	-	-	-	-
Nov,16	2	Lt.distal radial & ulnar fracture. Bilateral fracture calcaneum.	-	-
Dec,16	-	-	-	-
Jan,17	-	-	-	-
Feb,17	-	-	-	-
Mar,17	1	Rt.temporal bone fracture	-	-
Apr,17	-	-	-	-
May,17	-	-	1	Mild laceration over the frontal region.
Jun,17	-	-	-	-
Jul,17	-	-	2	Swelling over left arm & occipital region. Swelling over left leg ankle.
Aug,17	-	-	-	-
Sep,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.
Mar,18	-	-	-	-
Apr, 18	-	-	-	-
May'18	-	-	3	No Fall Injuries. Laceration over parietal region. Laceration over left frontal region.
Jun,18	-	-	-	-
Jul,18	-	-	-	-
Aug,18	-	-	1	
Sep 18		No falls in Sep 2018		
Oct' 18	-	-	1	Slight laceration over Rt.cheek.

Since starting the record in Nov 2015 to till date, no deaths in the hospital

premises reported. However, the fractures and injuries are shown below.

Detailed Fall Huddle Report from 1st November 2015 to 31st October 2018

2015							
S.No	Name of the Resident	Injury after fall	Diagnosis	Date of fall	Time	Cause of fall	Treatment & status at discharge
1	Patient attender	Patella transverse #	Not Applicable	November 2015	7.30 pm	Rain water stagnation & pt not taken diet more than 10 hrs	T.Dolo 650, Rantac, Physiotherapy & shifted to BIRRD OT
2	Staff Nurse	Patella swelling and back pain	N.A	December 2015	1.15 pm	Due to water stagnation	Strict bedrest 14 days, Volini gel, myospase
2016							
3	Fessy worker	Fracture ulnar bone ,	N.A	January, 19 th 2016	5.30 pm	Slip from trolley while cleaning Roof	POP applied, Immobilisation of hand, voveran, Rantac, myospase
4	Patient Attender	Head injury	N.A	January, 17 th , 2016	12.30pm	Giddiness due to not taken diet	Inj –Rantac, Inj- Diclofenac- 1 Taxim given
5	Patient Attender	Injury over chin 3x2 cms	N.A	March, 8 th 2016	3.45 pm	Phobia regarding hospital instruments	Suturing done, minor dressing, voveron, antacids
6	Patient	Left humerus #	N.A	March, 22 nd 2016	7 am	Hypertension sudden giddiness	POP applied & shifted to BIRRD
7	Patient	Injury over Rt.eyebrow	Metabolic Encephalopathy	April, 26 th 2016	11.45am	Hypertension sudden giddiness	Suturing done, minor dressing, voveron, antacids
8	Patient	Rt.parietal region injury	Meningoma	May, 4 th 2016	5.30 pm	Giddiness, reoccurrence history of fall	Suturing done, minor dressing, voveron, antacids
9	Patient	Fracture Rt.femur	Dcmp with Afwith FVR	28 th , May, 16	10.30pm	Giddiness, vomitings	Skin traction, bird consultation sent plan for sub trachetic extension
10	Patient Attender	Mild back pain	CKD, HTN on MHD	29 th , May, 2016	10:45pm	Dizziness	Tab;ultracet;local application of diclo gel
11	Patient	Injury over Lt.fore head	Right occipital infract in parietal region	9 th ,June, 2016	4.00am	Sudden loss of muscle control, parathesia	Suturing done, minor dressing, voveron, antacids
12	Patient	Fracture Left femur	Rt.Lung consolidation	7 th , July, 2016	7.00am	Obstructed dhoti 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, Aceclopara, Rantac, Chymoralforte
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	-	Sep 19 th , 2016	2.30pm	Slipped leg	Pop applied Tab. Dolpal Tab. Chymoral forte

S.N o	Name of the Resident	Injury after fall	Diagnosis	Date of fall	Time	Cause of fall	Treatment & status at discharge
16	Staff	Fractured Rt. periprosthetic femur.	-	Sept 26th, 2016	9.30am	Slipped leg.	1.Referred to BIRRD. 2.Rt.LCLCP fixation.
17	Patient attender	Fracture communitiedLt. distal radius & ulnar fracture.	-	5 th Nov,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 th MVR.	9 th , Nov, 2016	8.30pm	Fear about ICU events. She attempt to go outside & unfortunately fell down.	Post op slab applied. Suturing & dressing done.
	2017						
19	Patient	Rt.temporal bone fracture with laceration over lower lip	CKD diabetic nephropathy HTN, DM, HBs AG+ve	11/03/17	At 6.30 am	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
20	Patient	Mild laceration over the left & Right frontal region	CKD	17/05/17	At 12 noon	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 & retroving positive	21/7/17	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,Lokome-BD, 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, 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 - BIRRD 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 Hosp 2011, Mar, 2017) with Rt.hemiplegia	02/10/17		While going to bathroom with support of assistive device (walker) suddenly he felt slight massive ramp slipped infront of bathroom and fell down.	-Tab.chymoral forte TID,Ultracet BD -Cap.OMZ 20mg OD. Plan for closed reduction & slided TID screw fixation.
25	Patient	Laceration over chin	CLD with splenomegaly	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.

S.No	Name of the Resident	Injury after fall	Diagnosis	Date of fall	Time	Cause of fall	Treatment & status at discharge
2018							
26	Staff	Meniscus tear & swelling	-	06.02.18	9.45 pm	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,.Limcee OD Knee support trace. Avoid bending, using steps & speed walk. Advised Medical leave for 3 weeks.
27	Patient	No Fall Injuries	Lt.Buccal mucosa	03.05.18	07.50 pm	The Resident shift to Radiotherapy while walking she missed step behind the room and unfortunately fell down. There is no fall injuries.	CT Brain Plain done, Reports shows normal. Tab. Ultracet BD.
28	Patient	Laceration over parietal region.	Primi with epilepsy with IUGR, Pop:EMLSC S.	05.05.18	7.00 am	The Resident went to wash room to brush her teeth she suddenly attack of seizure at bath room and fell down.	Dressing & Suturing done. Inj.Levera 1gm IV.
29	Patient	Laceration over left frontal region.	Acute on CKD.	08.05.18	1.45 pm.	The Resident was restrained with bandage then she was try to sit on the bed and may be had pre syncope and fell down. Patient has psychiatric problem.	CT Brain done. Report shows normal. Tab.Chymoral forte TID, Ultracet OD
30	Patient	Small laceration over nose and left ear pinna.	Infarct Rt.occipital region. Rayanoands phenomenon	07.08.18	3.45 pm	The resident shifted to radiology for the purpose of Doppler. While waiting at corridor, the resident underwent to call her attender, unfortunately she slipped from wheel chair.	CT Brain done. Report shows normal. Mild dressing done.
31	Patient	Slight laceration over Rt.cheek	Acute Gastritis,	09.10.18	At 7am	The resident trying to stepping down from trolley suddenly she fell down.	

Patients : 20
 Patient Attendants : 06
 Staff : 04
 Student : 01
TOTAL : 31

Preventive Measures & Corrective Actions:

1. Side rails fixed to all trolleys in EMD & 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. Education programmes regarding prevention of falls to nursing, physicians, allied health & administrative staff.

V. Procedure 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	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-----	
BEFORE INDUCTION OF ANAESTHESIA (SIGN IN)					
Patient has confirmed	Yes	No	Relevant Lab result	Yes	No
Identity			ECG/ECHO/An gio		
Site marked/Not applicable			CXR/CT/MRI		
Consent obtained			Biochemistry		
Procedure			Haematology		
Part preparation done			Microbiology		
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		
BEFORE SKIN INCISION (TIME OUT)					
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	
BEFORE PATIENT LEAVES OPERATING ROOM (SIGN OUT)					
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					

WHO check list implemented in stages starting in 2016 and monitoring continued till date.

vi. Device Events

No Foreign object unintentionally left inside body during surgery at SVIMS during 2016-18 till date

vii. 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 within 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 maintenance.
- Failure Modes Effects & Analysis (FMEA) done for baby abduction in July 2018 & surveillance through mock drills regularly conducted.

NO BABY ABDUCTION / MISIDENTIFICATION TILL DATE AT SVIMS



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 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 released the first edition of "SVIMS Antimicrobial Stewardship pocket guide" on 12.07.2016. This is revised 6 monthly and new editions are 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 QualityCouncil.

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1. Ten Pronged Strategy
2. Hospital Infection Control (HIC) Committees
3. HIC Terms of Reference
4. Hand Hygiene
5. Outcomes & KPIs for Infection
 - i) VAP
 - ii) CLABSI
 - iii) CAUTI
 - iv) SSI
 - v) Standardized infection ratio (SIR)
6. Antimicrobial Stewardship Hand Pocket Guide 4th Edition

1) 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

2) Hospital Infection Control (HIC) Committees

HIC Committee Members:

- HICC Chairman – Dr T.S.Ravikumar, Director cum Vice Chancellor
- HICC Co-Chairman Dr. Aloksachan, Medical Superintendent
- Member Secretary- Dr K.K.Sharma, HOD of Microbiology
- Hospital Infection Control Officers -Dr.R.Jayaprada, Dr.N.Ramakrishna.
- Senior Consultant- Dr A. Mohan, Senior professor & HOD of Medicine-Member
- All the heads of the departments- Members
- Nursing Superintendent- Mrs.C.Sunitha-Member
- Infection Control Nurses- V.Karpugam, D.Redemma, A.Shobharani, N.Bayamma & all 47 Head nurses-Members

Operating theatre Incharge- Mrs Shakira- Member

- In-charge of Central Sterile Supplies Department- Mrs.C.Sunitha-Member
- Health inspector – Mrs. A.Umamaheswari-Member
- In-charge of pharmacy- Dr. P.Subramanyam-Member
- In-charge of hospital linen- Mrs. C.Sunitha-Member
- In-charge of hospital laundry- D.Indiramma-Member
- In-charge of hospital kitchen- Mrs M.Sunitha-Member
- Epidemiologist- Dr Ravishankar, Assistant professor, Social & Preventive medicine-Member
- Member Secretary- Dr K.K.Sharma, HOD of Microbiology
- Hospital Infection Control Officers - Dr. R. Jayaprada, Dr. N. Ramakrishna.
- Infection Control Nurses- V. Karpugam, D.Redemma, A. Shobharani, N.Bayamma & all 47 Head nurses- Members
- Infection Control technicians: Mr P.Yashodhar, Mr. P.Rammurthy

3) HIC Terms of Reference

1. Health care associated infections
 - i) VAP
 - ii) CLABSI
 - iii) CAUTI
 - iv) SSI
 - v) Standardized infection ratio (SIR)
2. Bed sore analysis
3. O.T. surveillance (Monthly)
4. Blood bank surveillance
5. Environmental surveillance (water& air) (Monthly)
6. Hand hygiene
7. Dialysate fluid testing
8. Needle-stick injuries incidence
9. Multi drug-resistant organisms (MDRO's) Surveillance
10. Outbreak investigation
11. Biomedical waste management
12. High end antibiotic monitoring
13. AMR surveillance
14. HBs Ag antibody titre testing
15. Endotoxin (LAL) assay for Dialysate fluid & water

4) Hand Hygiene

- The organization adheres to standard precautions at all times regarding the use of PPE, prevention of sharp injury etc.
- Hand Hygiene guidelines are followed in all areas of the hospital-Posters regarding Hand Hygiene are available.
- Specific precautions are being followed when required.
- Safe Injection and Infusion practices are followed.
- Cleaning, disinfection and sterilization practices being followed

Steps of Procedure Hand Washing



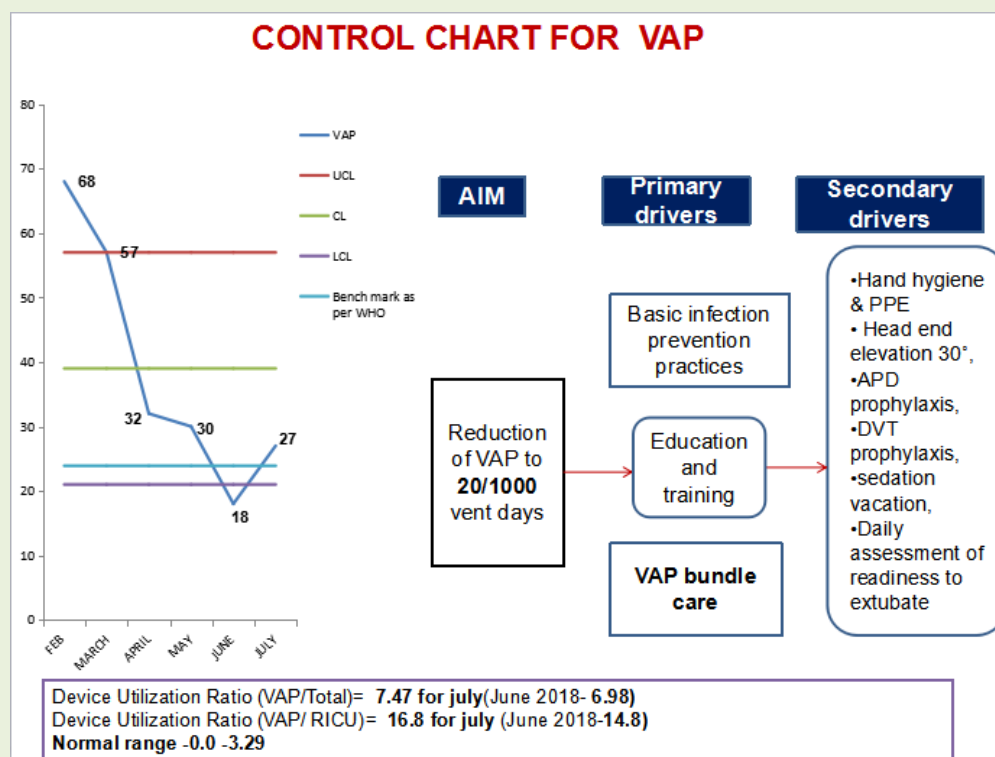
Surgical Hand Wash (3-5mts)



5) Outcomes & KPIs for Infections

i) Ventilator Associated Pneumonia (VAP)

Parameters	All Ventilated patients	RICU
Total no. of infections - July	22	11
Total ventilator days for July	814 (109 patients)	386 (23 patients)
July 2018	27/1000 Days	28.5/1000 Days
June 2018	18/1000 Days	24.8/1000 Days
May 2018	29.5/1000 Days	30.3/1000 Days
April 2018	32/1000 Days	22.6/1000 Days
March 2018	57/1000 Days	48 /1000Days
February 2018	68/1000 Days	48/1000 Days

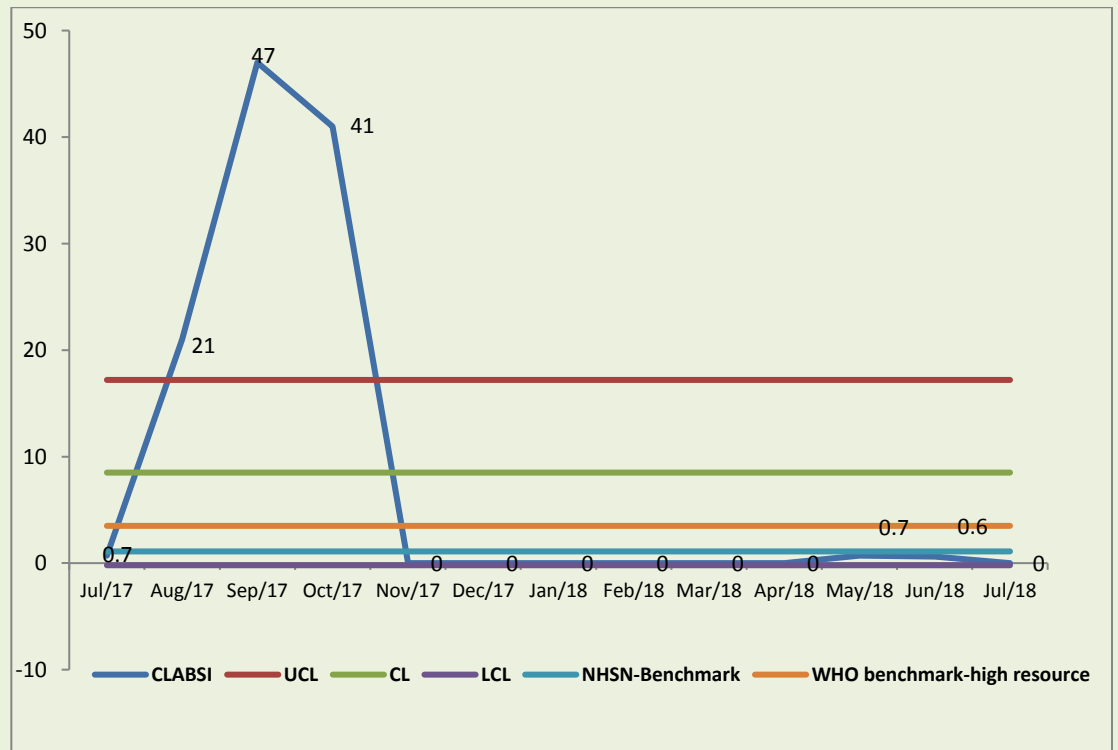


ii) Central Line Associated Blood Stream Infection Rate (CLABSI)

PARAMETERS	CLABSI rate
no of infections-July	Zero
total no of line days for July	1876 Days(177 patients)
CLABI rate July 2018	Zero
CLABI rate June 2018	0.6
CLABI rate May 2018	0.7
CLABI rate April 2018	Zero
CLABI rate March 2018	Zero
CLABI Rate February 2018	Zero

Two blood cultures has grown different organisms (Acinetobacter, Enterococcus spp). Rest 17 were sterile.

Control Chart for CLABSI



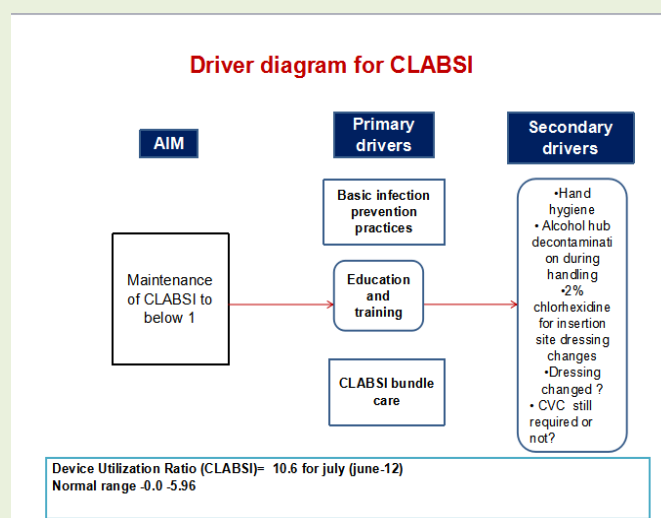
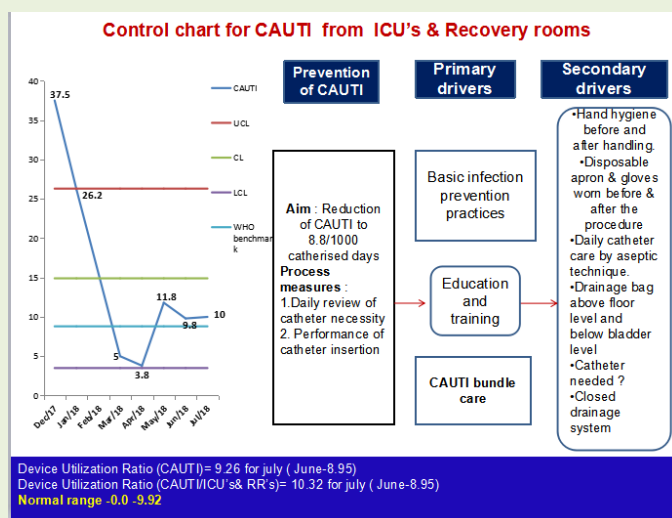
iii) CAUTI

CAUTI from ICU's & Recovery rooms

PARAMETERS	RICU AND MICU,CTRR,GS ICU, ANCU patients
No. of Infections -July	09
Total no of Catheterized days for July	898(87Patients)
July 2018	10/1000 days
June 2018	9.8/1000 Days
May 2018	11.8/1000 Days
April 2018	3.8/1000 days
March 2018	05/1000 days

Average CAUTI the year 2016 -26.5/1000

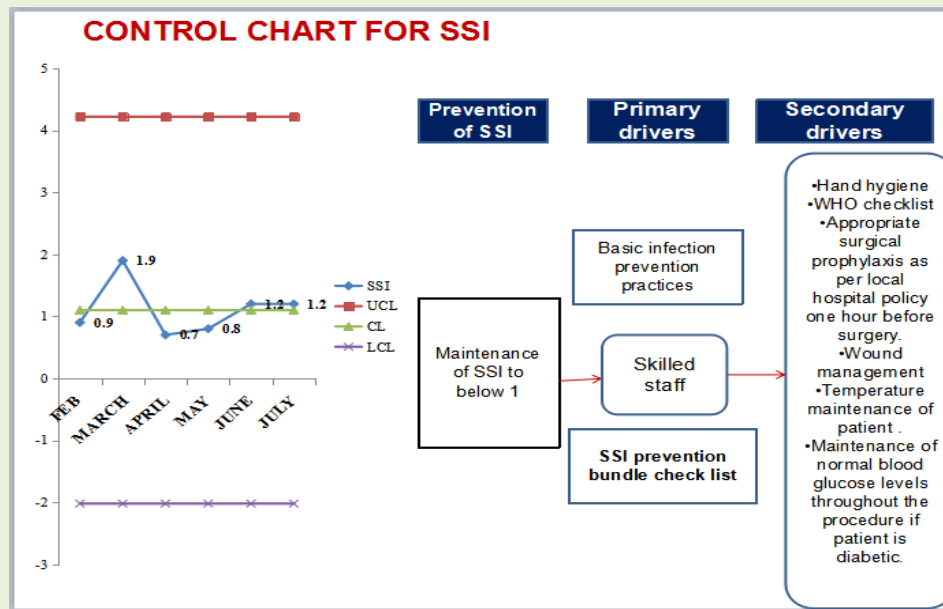
Average CAUTI the year 2017 -5.7/1000



iv) SSI

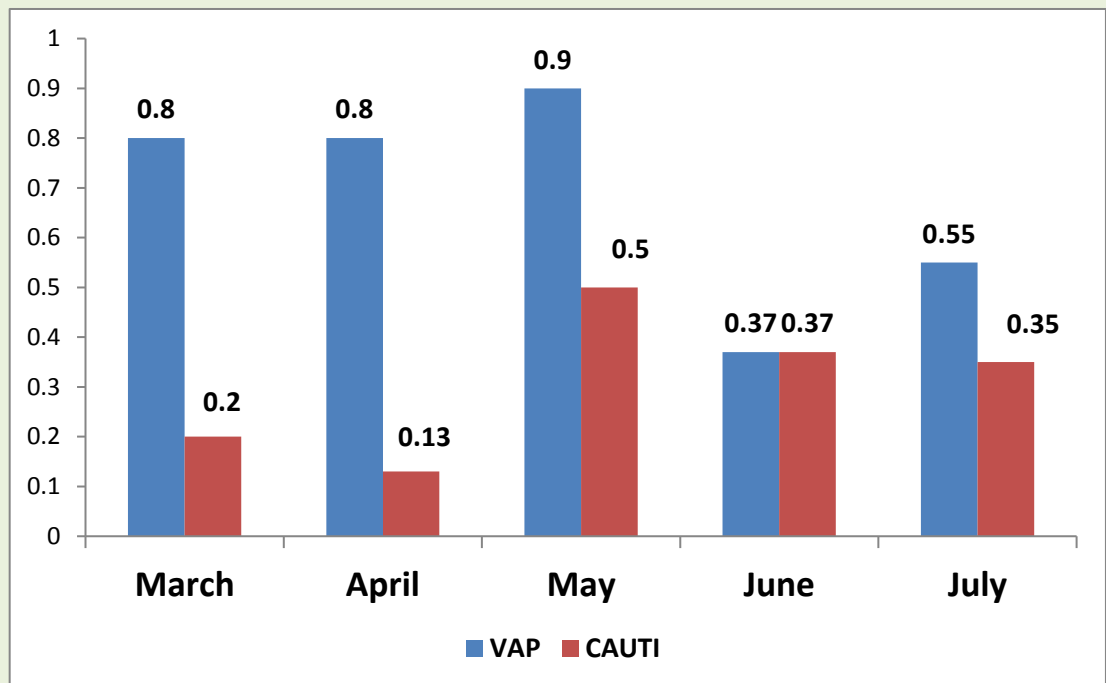
SSI Rate

PARAMETERS	
No. of infections-July	15
Total Number of Surgeries for July	1210
SSI Rate - July 2018-1210	1.2
SSI Rate - June 2018-1082	1.2
SSI Rate - May 2018-593	0.8
SSI Rate - April 2018-1012	0.7
SSI Rate - March 2018-467	1.9
SSI Rate - February 2018-543	0.9
SSI Rate - January 2018-521	2.5



v) Standardized Infection Ratio (SIR)

Trends of Standardized Infection Ratio for the Year 2018





SVIMS
ANTIMICROBIAL STEWARDSHIP POCKET GUIDE
JUNE 2018

4th Edition

Editors

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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 blue ink, appearing to read "K. Srinivas", is written over a horizontal line.

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 healthcare
- 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

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- 1. Hand Hygiene-Steps**
- 2. Hand HygieneCompliance**
- 3. Trends of Multidrug Resistance from Jan 2018 – Jun 2018**
- 4. Rates of Ventilator Associated Pneumonia (VAP), Catheter Associated Urinary tract Infection(CAUTI)**
- 5. Antibiotic policy**
- 6. Surveillance-Critical care area surveillance, Environmental surveillance, Sterilitycheck of Blood bags, Dialysis fluid &Drinking water Zonetesting.**
- 7. Biomedical WasteManagement**

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. In case of suspicion of *Pseudomonas* septicaemia, empirical choice of antibiotic is Piperacillin + Tazobactam.
- ✓ 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.

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

S.No	Organisms	AK	CFS	CTX	CF	COT	G	I	PTZ	Pb	CTZ
1	<i>E.coli</i> (1497)	20	25	77	52	57	18	15	20	Nil	-
2	<i>Klebsiella</i> (472)	56	50	58	62	67	52	29	41	Nil	-
3	<i>Acinetobacter</i> (235)	54	27	86	58	54	53	23	45	Nil	-
4	<i>Pseudomonas</i> (171)	22	43	-	49	-	22	12	24	Nil	65
5	<i>Enterobacter</i> (68)	41	42	82	31	54	38	25	32	Nil	-

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

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

S.No	Organisms	AK	CFS	CTX	CF	COT	G	I	PTZ	Pb	CTZ
1	<i>E.coli</i> (28)	57	36	86	36	64	60	32	43	Nil	-
2	<i>Klebsiella</i> (48)	73	42	88	54	81	68	35	54	Nil	-
3	<i>Acinetobacter</i> (30)	70	13	87	57	53	70	23	37	Nil	
4	<i>Pseudomonas</i> (20)	Nil	40	-	70	-	35	21	25	Nil	70

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

Percentage of VRE: 2%

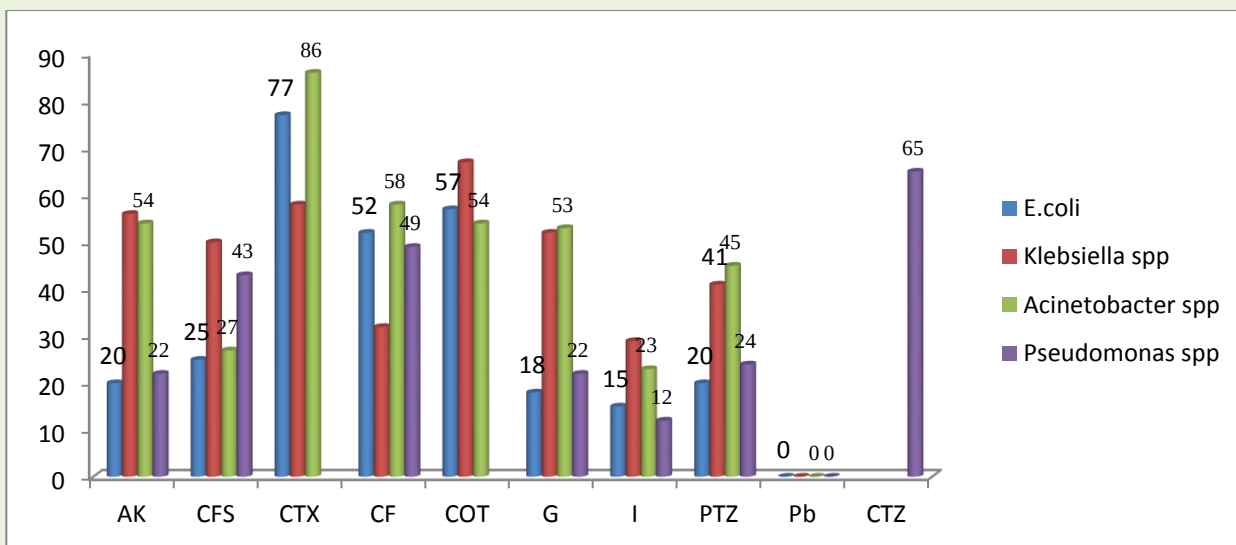
Percentage of HA-MRSA: 41%, CA-MRSA: 37.5%.

Percentage of HA-MRCoNS: 54%,CA-MRCoNS: 58%.

Percentage of VRSA: Nil.

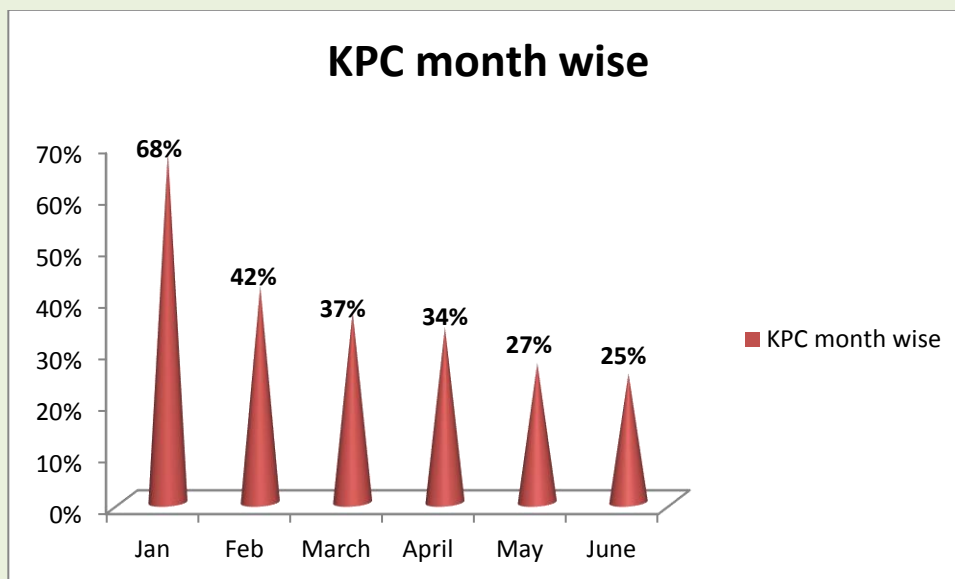
Percentage of VRCoNS: Nil.

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

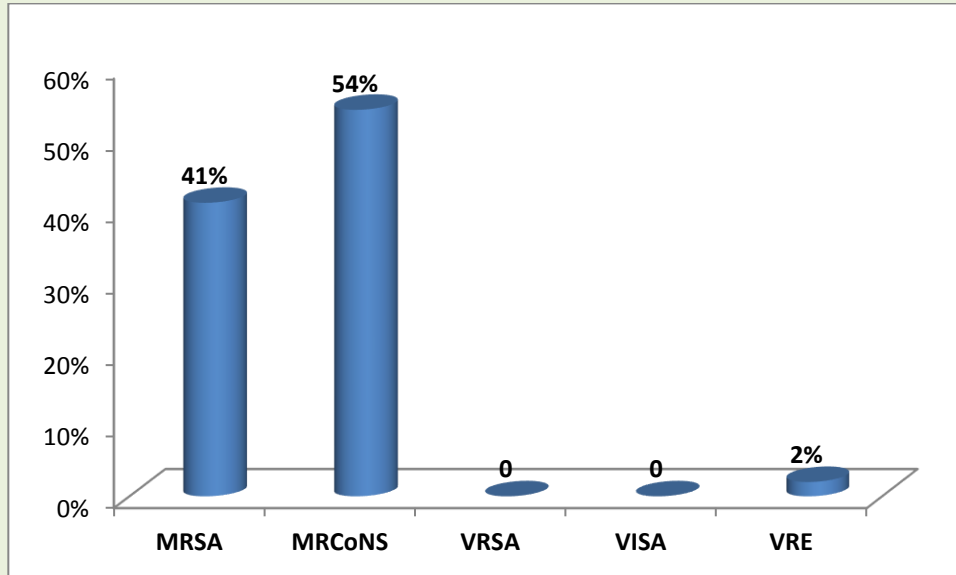


AK-AMIKACIN, CTX-CEFOTAXIME, CFS-CEFAPERAZONE+SULBACTAM, CF-CIPROFLOXACIN, COT-COTRIMAXAZOLE, G-GENTAMICIN, I-IMIPENEM, PTZ-PIPERACILLIN+TAZOBACTAM, Pb-POLY-MIXIN-B, CTZ-CEFTAZIDIME

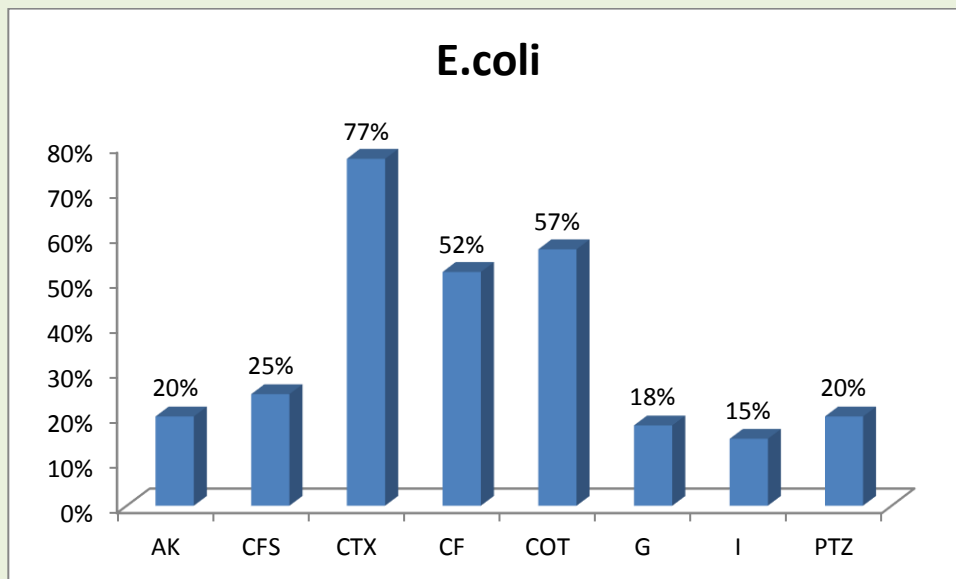
Month wise distribution of Klebsiella Pneumoniae Carbapenemases (KPC's)



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

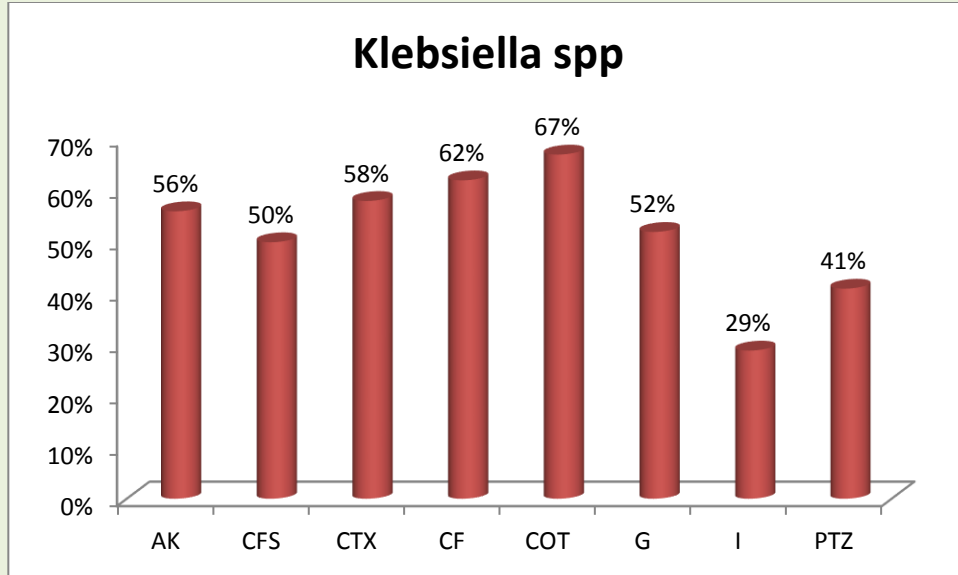


Antimicrobial resistance (AMR) patterns of *Escherichia .coli*



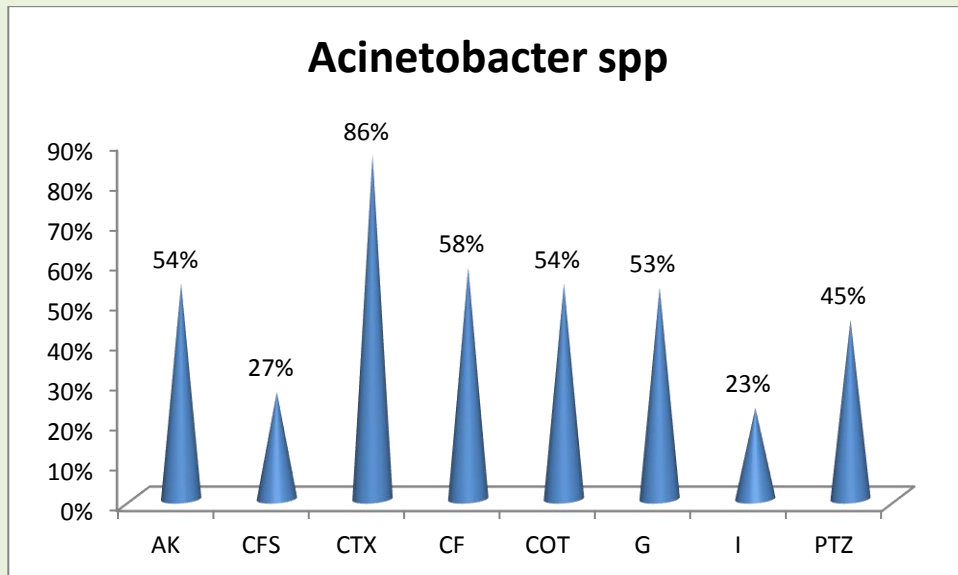
AK-AMIKACIN, CTX-CEFOTAXIME, CFS-CEFAPERAZONE+SULBACTAM, CF-CIPROFLOXACIN, COT-COTRIMAXAZOLE, G-GENTAMICIN, I-IMIPENEM, PTZ-PIPERACILLIN+TAZOBACTAM, Pb-POLYMIXIN-B, CTZ-CEFTAZIDIME

Antimicrobial resistance (AMR) patterns of *Klebsiella*spp



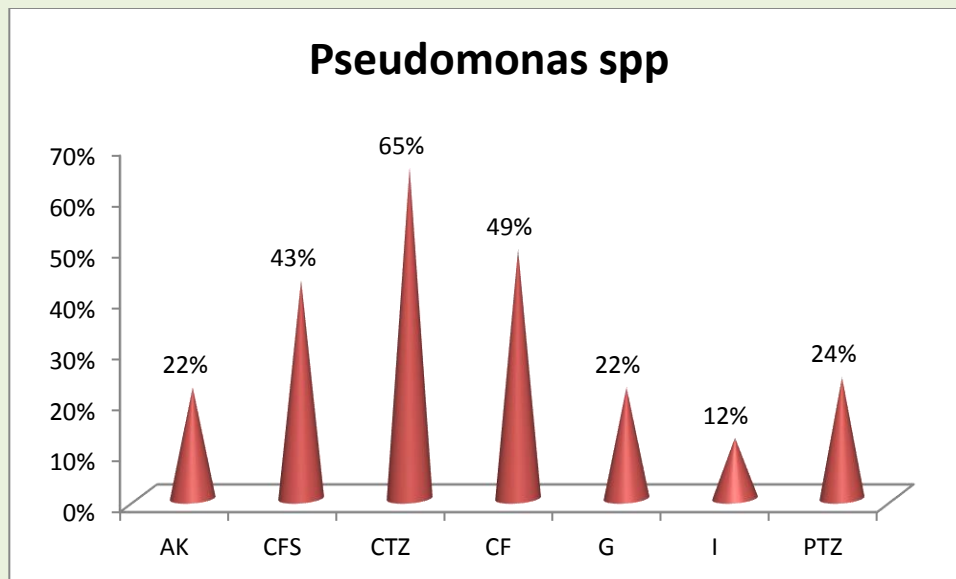
AK-AMIKACIN, CTX-CEFOTAXIME, CFS-CEFAPERAZONE+SULBACTAM, CF-CIPROFLOXACIN, COT-COTRIMAXAZOLE, G-GENTAMICIN, I-IMIPENEM, PTZ-PIPERACILLIN+TAZOBACTAM, Pb-POLYMIXIN-B, CTZ-CEFTAZIDIME

Antimicrobial resistance (AMR) patterns of *Acinetobacter*spp



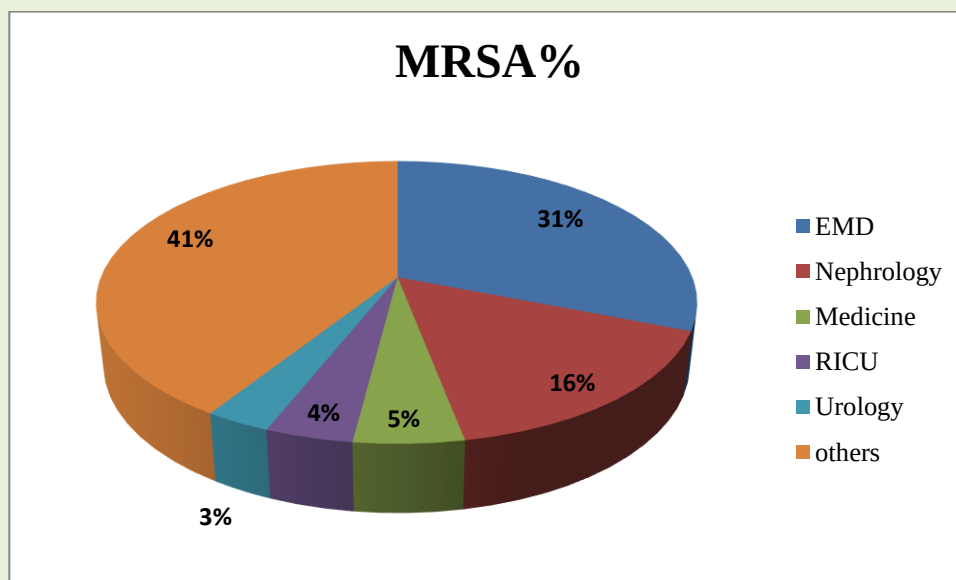
AK-AMIKACIN, CTX-CEFOTAXIME, CFS-CEFAPERAZONE+SULBACTAM, CF-CIPROFLOXACIN, COT-COTRIMAXAZOLE, G-GENTAMICIN, I-IMIPENEM, PTZ-PIPERACILLIN+TAZOBACTAM, Pb-POLYMIXIN-B, CTZ-CEFTAZIDIME

Antimicrobial resistance (AMR) patterns of *Pseudomonas* spp

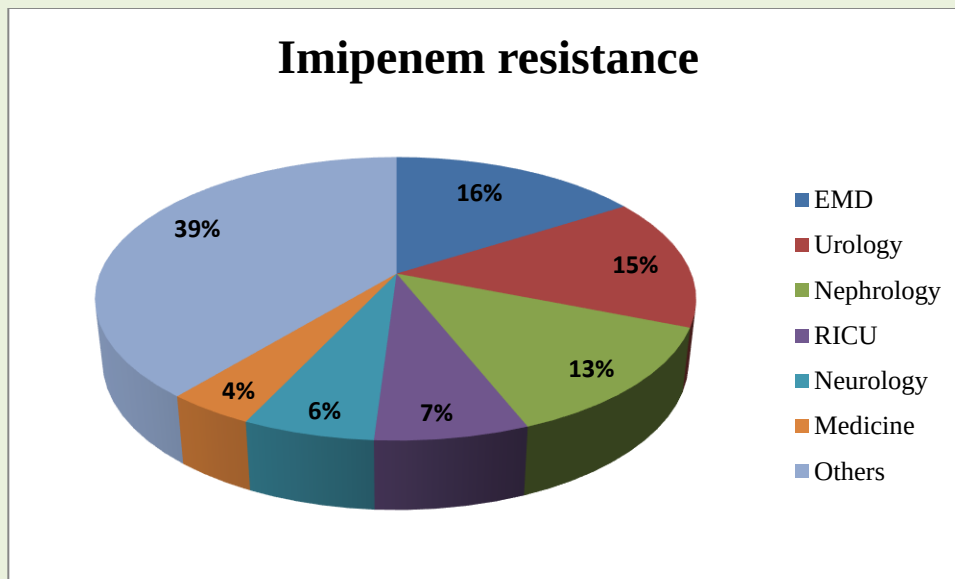


AK-AMIKACIN, CTX-CEFOTAXIME, CFS-CEFAPERAZONE+SULBACTAM, CF-CIPROFLOXACIN, COT-COTRIMAXAZOLE, G-GENTAMICIN, I-IMIPENEM, PTZ-PIPERACILLIN+TAZOBACTAM, Pb-POLYMICIN-B, CTZ-CEFTAZIDIME

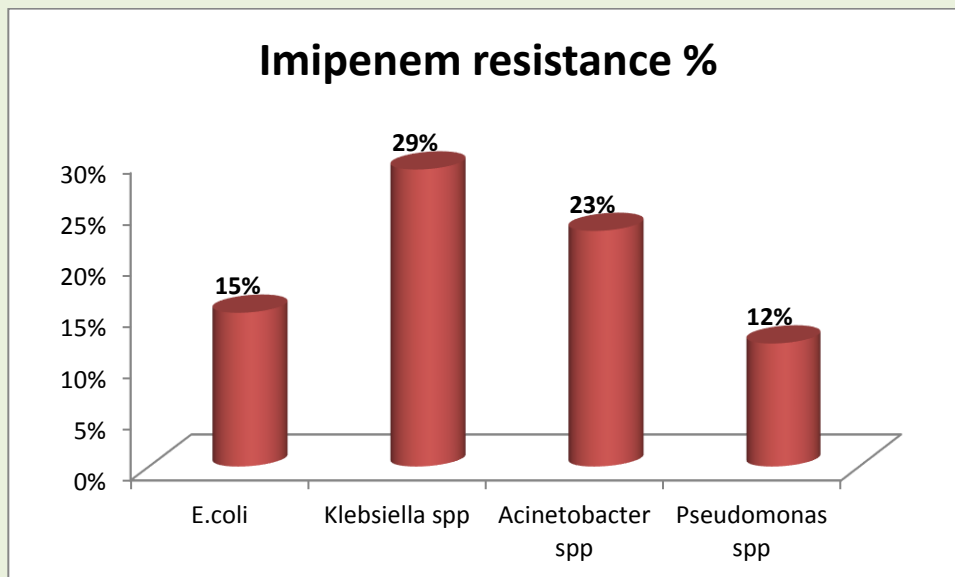
Ward wise distribution of MRSA (%)



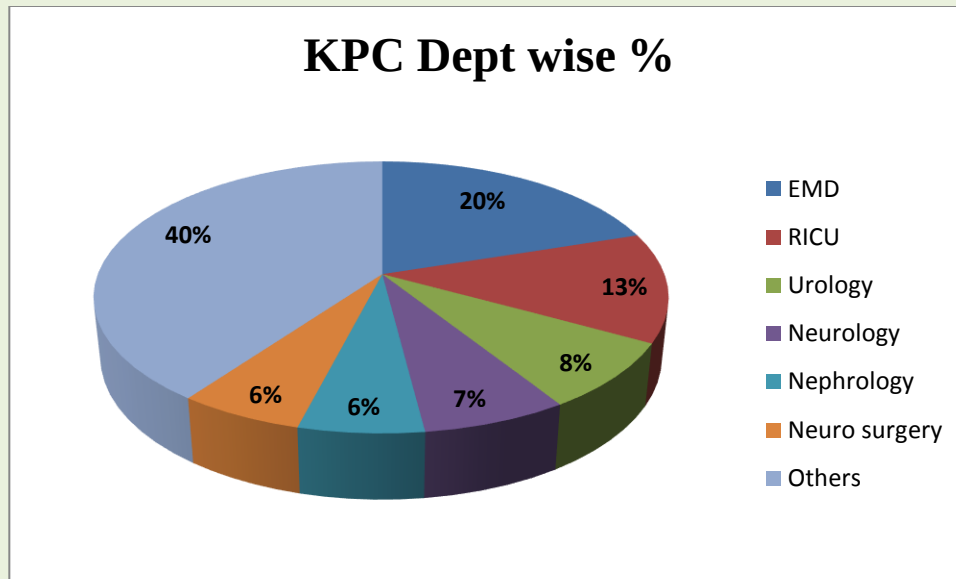
Ward wise distribution of Imipenem resistance (%)



Percentage of Imipenem resistance among most common Gram negative isolates

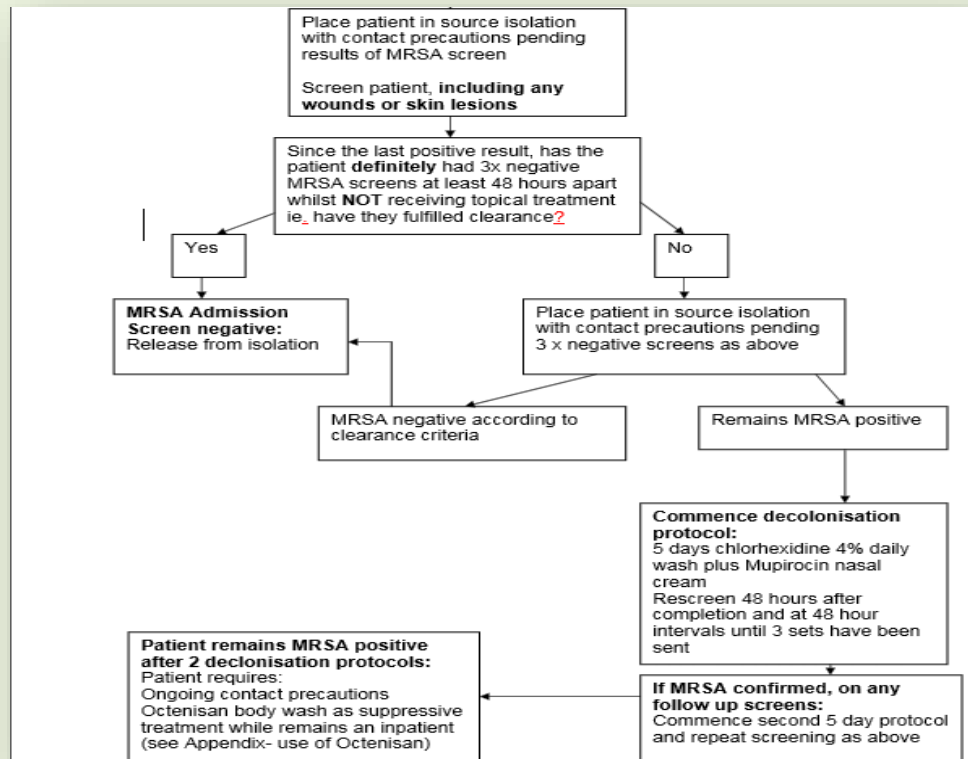


Department wise distribution of KPC (%)



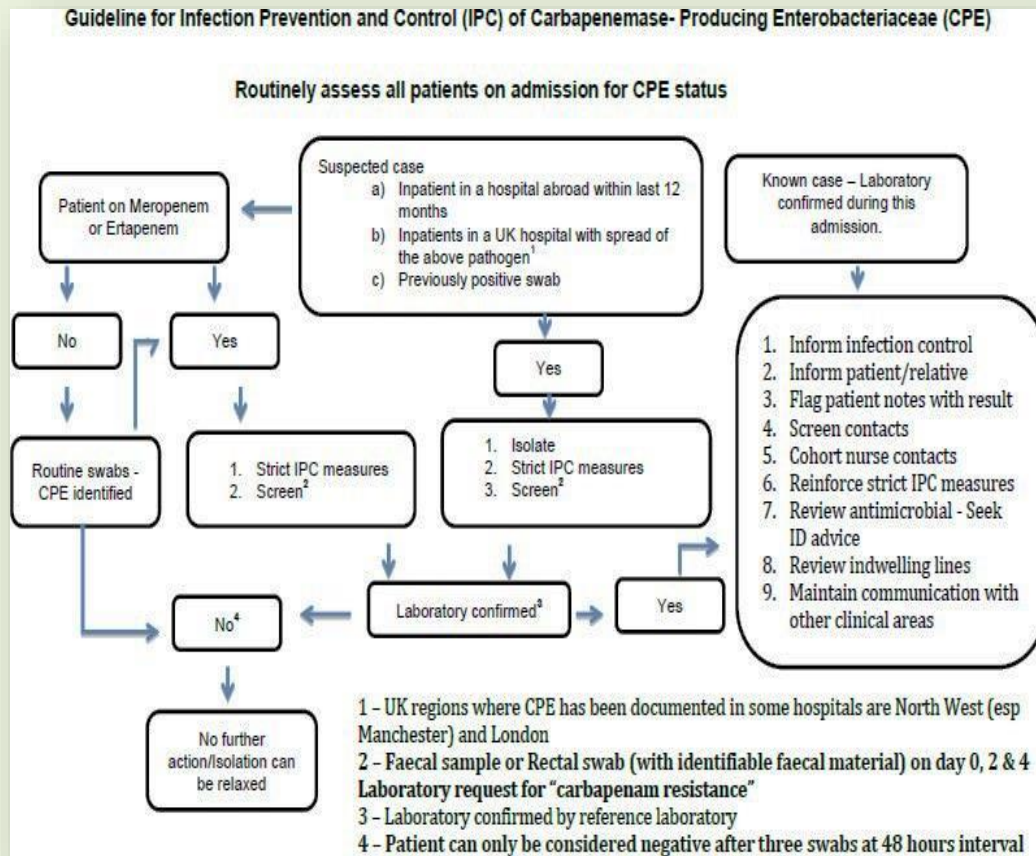
- ✓ Most common gram negative isolates were *Escherichia coli*, *Klebsiella*, *Acinetobacterspp* and *Pseudomonas*.
- ✓ *Escherichia coli* isolates were highly resistance to cefotaxime(77%), ciprofloxacin(52%), Cotrimaxazole(57%) and sensitive to Amikacin(80%), Cefaperazone+sulbactam(75%), Gentamicin(82%), Piperacillin +tazobactam(80%), Imipenem(85%) and Colistin/Polymixin B(100%).
- ✓ *Klebsiellae* isolates were highly resistance to cefotaxime (58%), ciprofloxacin (62%), Amikacin (56%),Gentamicin(52%),Cotrimaxazole (67%)and sensitive to Cefaperazone+sulbactam (50%)Piperacillin +tazobactam(59%) Imipenem (71%) and Colistin/PolymixinB(100%).
- ✓ *Acinetobacterspp* isolates were highly resistance to cefotaxime (86%), ciprofloxacin (58), Cotrimaxazole (54%), Amikacin(54%%), Gentamicin (53%%),and sensitive to Piperacillin +tazobactam (55%) Imipenem (77%), Cefaperazone+sulbactam (73%), and Colistin/Polymixin B (100%)
- ✓ *Pseudomonas spp* isolates were highly resistance to ciprofloxacin(49%), ceftazidime(65%),and sensitive toImipenem(88%), Amikacin(78%), Gentamicin(78%), Piperacillin +tazobactam(76%) Cefaperazone+sulbactam(57%), and Colistin/Polymixin B(100%).
- ✓ Screening of health care workers (HCW) for MRSA should be done as MRSA(Methicillin resistance *Staphylococcus aureus*) percentage was 41 &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.
- ✓ VRE (vancomycin resistance Enterococci) percentage was 2.
- ✓ Because of strict implementation of Antibiotic stewardship programme KPC percentage has declined from 68% in January to 25% in December.
- ✓ Imipenem resistance was noted high in *Klebsiella*(29%) followed by *Acinetobacter* (23%),*Escherichia coli* (15%) and *Pseudomonas* (12%),

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	
amoxicillin	cefotaxime*	Amikacin	Gentamicin
amoxicillin + clavulanic acid	ceftriaxone*	azithromycin*	Metronidazole
ampicillin	Cloxacillin	Chloramphenicol	Nitrofurantoin
benzathinebenzylpenicillin	Phenoxymethylpenicillin	ciprofloxacin*	spectinomycin (EML only)
benzylpenicillin	piperacillin + tazobactam*	clarithromycin*	sulfamethoxazole + trimethoprim
cefalexin	procaine benzyl penicillin	Clindamycin	vancomycin (oral)*
cefazolin	<i>meropenem</i> *	Doxycycline	vancomycin (parenteral)*
cefixime*			

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 Segregation of Biomedical Waste			
Yellow (Non-Chlorinated Plastic Bags)	Red (Non-Chlorinated Plastic Bags)	Blue Card Board Boxes	White (Translucent Puncture Proof Container)
Human Anatomical, Infectious Waste & Cytotoxic Waste ➤ Human tissues, organs, body parts and foetus ➤ Items contaminated with blood, body fluids like dressings, plaster casts, cotton swabs ➤ Bags containing residual or discarded blood and blood components ➤ Antibiotics, cytotoxic drugs along with glass or plastic ampoules, vials (with cytotoxic labelled bag) ➤ Discarded disinfectants ➤ Discarded linen, mattresses, beddings contaminated with blood or body fluid ➤ Blood bags ➤ Laboratory culture, stocks or specimens of microorganisms ➤ Live or attenuated vaccines	Contaminated Waste (Recyclable) ➤ Disposable items ➤ Tubing ➤ Bottles ➤ Intravenous tubes & sets ➤ Catheters ➤ Urine bags ➤ Gloves ➤ Syringes (without needles and fixed needle syringes) ➤ Vacutainers with their needles cut	Glassware ➤ Broken or discarded and contaminate glass including medicine vials and ampoules except those contaminate with cytotoxic wastes <u>metallic body implants</u>	Waste Sharps Including Metals ➤ Needles ➤ Syringes with fixed needles ➤ Needles from needle tip cutter or burner ➤ Scalpels ➤ Blades ➤ Any other contaminated sharp object that may cause puncture and cuts ➤ Contaminated sharps
Black/ Green – General Garbage (domestic waste, papers, packaging material, left over food)			

Biomedical 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/ deepburial
	Animal anatomical waste		
	Soiled waste	non chlorinated plastic bags	Incineration/ Plasma Pyrolysis/ deepburial/ 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
Red	Contaminated Waste (Recyclable)	Red coloured non- chlorinated Plastic bags or containers	- Autoclaving/ micro- waving/ hydroclaving + shredding - 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,
White (Translucent)	Waste sharps including Metals	Puncture proof, Leak proof, tamper proof containers	- Autoclaving/dry heat sterilization+ shredding/ mutilation - Encapsulation in metal container or cement concrete - Sanitary landfill/ designated concrete waste sharps pit
Blue	Glassware, Metallic body implants	- Glass test tubes - Empty glass Bottles - Contaminated glass bottles - Broken glass ampoules containing discarded/Expired medicines except chemotherapeutic medicines - Metallic body implants - Reusable glass slide	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 **31st October 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	1123
No. of functional Equipments	1117
No. of non-functional Equipments	6
Percentage functional	$1117/1123 * 100 = 99\%$

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

Total No. of Medical Equipments	132
Total No. of Medical Equipments Working	132
Total No. of Medical Equipments Not Working	0
Percentage functional	$132/132 * 100 = 100\%$

Equipment status Report on 31/10/2018 – SVIMS

Total No. of Equipments : 1123

No. of functional Equipments : 1117

No. of non-functional Equipments : 6

Percentage functional : $1117/1123 * 100 = 99\%$

Action Report

S.No.	Equipment	Manufacturer	Days of Disrepair	Value	Remarks
1.	IABP CS-100	Datascope	Since 5/9/2017	US \$ 38,500	Replacement under process
2.	Patient Monitor -MP20	Philips	18/01/2018	US\$6493	Replacement under process
3.	Patient Monitor - MP20	Philips	18/01/2018	US\$6493	Replacement under process
4.	Patient Monitor - MP20	Philips	18/01/2018	US\$6493	Replacement under process
5.	Defibrillator	Philips	26/09/2018	Rs 3,00,000	Control PCB faulty .Needs Replacement
6.	Elisa Reader	Bio Tek	28/09/2018	Rs1,50,000	purchase order released for spare parts

Equipment List - SVIMS Hospital

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

24	Cardiology	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2Y	04-02-2010	04-01-2012	Working
25	Cardiology	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2Y	04-02-2010	04-01-2012	Working
26	Cardiology	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2Y	04-02-2010	04-01-2012	Working
27	Cardiology	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2Y	04-02-2010	04-01-2012	Working
28	Cardiology	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2Y	04-02-2010	04-01-2012	Working
29	Cardiology	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2Y	04-02-2010	04-01-2012	Working
30	Cardiology	Tread Mill System	Recorders	MARK II	Recorders	2y	09-09-2008	09-08-2010	Working
31	Cardiology	Tread Mill System	Marquet	Case state TM2100	Wipro GE	2Y	18/03/2011	17/03/2013	Working
32	Cardiology	Tread Mill System	Marquet	Case state TM2101	Wipro GE	2Y	18/03/2011	17/03/2013	Working
33	Cardiology	Hoter System	Delmer	Impreserio	Instromedix	3y	16/10/07	15/10/10	Working
35	Cardiology	Syringe Pump	Neuron BioMed	SP 102	L & T	2Y	11-10-2009	11-09-2011	Working
36	Cardiology	Syringe Pump	Neuron BioMed	SP 102	L & T	2Y	11-10-2009	11-09-2011	Working
38	Cardiology	Syringe Pump	Neuron BioMed	SP 102	L & T	2Y	11-10-2009	11-09-2011	Working
39	Cardiology	Syringe Pump	Neuron BioMed	SP 102	L & T	2Y	11-10-2009	11-09-2011	Working
40	Cardiology	Syringe Pump	Neuron BioMed	SP 102	L & T	2Y	11-10-2009	11-09-2011	Working
41	Cardiology	Syringe Pump	Neuron BioMed	SP 102	L & T	2Y	11-10-2009	11-09-2011	Working
43	Cardiology	Syringe Pump	Neuron BioMed	SP 102	L & T	2Y	11-10-2009	11-09-2011	Working
44	Cardiology	ECG Recorder	Motorora	ELI-250	Compamedic	2Y	02-06-2010	02-05-2012	Working
45	Cardiology	ECG Recorder	Motorora	ELI-250	Compamedic	2Y	02-06-2010	02-05-2012	Working
46	Cardiology	ECG Recorder	Motorora	ELI-250	Compamedic	2Y	02-06-2010	02-05-2012	Working
47	Cardiology	ECG Recorder	Motorora	ELI-250	Compamedic	2Y	02-06-2010	02-05-2012	Working
48	Cardiology	ICU Ventilator	GE Datex Ohmeda	Engstrom	GE Datex Ohmeda	2Y	30/11/2009	29/11/2011	Working
49	Cardiology	ICU Ventilator	GE Datex Ohmeda	Engstrom	GE Datex Ohmeda	2Y	30/11/2009	29/11/2011	Working
50	Cardiology	ICU Ventilator	GE Datex Ohmeda	Engstrom	GE Datex Ohmeda	2Y	30/11/2009	29/11/2011	Working
51	Cardiology	ICU Ventilator	GE Datex Ohmeda	Engstrom	GE Datex Ohmeda	2Y	30/11/2009	29/11/2011	Working
52	Cardiology	IABP	Datacope	CS100	Advanced Micronic	3y	06-01-2007	31/5/2010	Not Working
53	Cardiology	Syringe Pump	Orange Medical	Prima	Orange Medical	2Y	18/05/2012	17/05/2014	Working

54	Cardiology	Syringe Pump	Orange Medical	Prima	Orange Medical	2Y	18/05/2012	17/05/2014	Working
55	Cardiology	Syringe Pump	Orange Medical	Prima	Orange Medical	2Y	18/05/2012	17/05/2014	Working
56	Cardiology	Syringe Pump	Orange Medical	Prima	Orange Medical	2Y	18/05/2012	17/05/2014	Working
57	Cardiology	Syringe Pump	Orange Medical	Prima	Orange Medical	2Y	18/05/2012	17/05/2014	Working
58	Cardiology	Syringe Pump	Orange Medical	Prima	Organge Medical	2Y	18/05/2012	17/05/2014	Working
59	Cardiology	Syringe Pump	Organge	Flow Prima	Organge Medical	2Y	23/05/13	22/05/15	Working
60	Cardiology	Syringe Pump	Organge	Flow Prima	Organge Medical	2Y	23/05/13	22/05/15	Working
61	Cardiology	Syringe Pump	Organge	Flow Prima	Organge Medical	2Y	23/05/13	22/05/15	Working
62	Cardiology	Syringe Pump	Organge	Flow Prima	Organge Medical	2Y	23/05/13	22/05/15	Working
63	Cardiology	Syringe Pump	Organge	Flow Prima	Organge Medical	2Y	23/05/13	22/05/15	Working
64	Cardiology	Syringe Pump	Organge	Flow Prima	Organge Medical	2Y	23/05/13	22/05/15	Working
65	Cardiology	Syringe Pump	Organge	Flow Prima	Organge Medical	2Y	23/05/13	22/05/15	Working
66	Cardiology	Syringe Pump	Organge	Flow Prima	Organge Medical	2Y	23/05/13	22/05/15	Working
67	Cardiology	Syringe Pump	Organge	Flow Prima	Organge Medical	2Y	23/05/13	22/05/15	Working
68	Cardiology	Syringe Pump	Organge	Flow Prima	Organge Medical	2Y	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	5Y	28/03/2012	27/03/2017	Working
72	Cardiology	Deep Freezer - 40 Deg C	Terumo	Df40u	Terumo	3Y	10-06-2009	10-05-2012	Working
73	Cardiology	Intra Vaqscular Ultra Sound	Boston Scientic	Mdu MDU5Plus	Lakshi	5Y	15/06/2016	14/06/2021	Working
74	Cardiology	Blood Pressure monitor	Kody Medical	TM 2655	Kody Medical	1Y	22/03/2013	21/03/2014	Working
75	Cardiology	F F R	St Jude Medical	Quantian	Excel	5Y	24/08/2016	23/08/2021	Working
76	Cardiology	Rotablator	Boston Scientic	RC5000	Lakshi	5Y	16/02/2017	15/02/2022	Working
77	Cardiology	Echo Machine	Siemens	SC2000	Iris	5Y	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	3 Y	15.05.2013	14.05.2016	Working
83	Cardiology-ICU	Defibrillator	Mindray		Green Apple	5Y	07.06.2018	06.06.2023	Working
84	Cardiology-cath lab	Defibrillator	Mindray		Green Apple	5Y	07.06.2018	06.06.2023	Working
85	Cardiology	ECG Recorder	GE Healthcare	MAC 2000	Wipro GE	1Y	06-06-2018	06-05-2019	Working
86	Cardiology	ECG Recorder	GE Healthcare	MAC 2000	Wipro GE	1Y	06-06-2018	06-05-2019	Working
87	Cardiology	Ultrasound System	Philips	CX50	Philips	3 Y	05.10.2018	04.10.2021	Working
88	Nephrology	Dialysis Machine	Fresenius	4008S	Trivitron	3Y	12-06-2006	12-05-2009	Working
89	Nephrology	Dialysis Machine	Fresenius	4008S	Trivitron	3Y	01-07-2009	01-06-2012	Working
90	Nephrology	Dialysis Machine	Fresenius	4008S	Trivitron	3Y	01-07-2009	01-06-2012	Working
91	Nephrology	Dialysis Machine	Fresenius	4008S	Trivitron	3Y	01-07-2009	01-06-2012	Working
92	Nephrology	Dialysis Machine	Fresenius	4008S	Trivitron	3Y	01-07-2009	01-06-2012	Working
93	Nephrology	Dialysis Machine	Fresenius	4008S	Trivitron	3Y	01-07-2009	01-06-2012	Working
94	Nephrology	Dialysis Machine	Fresenius	4008S	Fresenius India	5Y	22/09/2010	21/09/2015	Working
95	Nephrology	Dialysis Machine	Fresenius	4008S	Fresenius India	5Y	22/09/2010	21/09/2015	Working
96	Nephrology	Dialysis Machine	Fresenius	4008S	Fresenius India	5Y	22/09/2010	21/09/2015	Working
97	Nephrology	Dialysis Machine	Fresenius	4008S	Fresenius India	5Y	22/09/2010	21/09/2015	Working
98	Nephrology	Dialysis Machine	Fresenius	4008S	Fresenius India	5Y	22/09/2010	21/09/2015	Working
99	Nephrology	Dialysis Machine	Fresenius	Art Plus	Fresenius India	5Y	22/09/2010	21/09/2015	Working
100	Nephrology	Dialysis Machine	Fresenius	4008S	Fresenius India	5Y	14/03/2013	13/03/2018	Working
101	Nephrology	Dialysis Machine	Fresenius	4008S	Fresenius India	5Y	14/03/2013	13/03/2016	Working
102	Nephrology	Dialysis Machine	Fresenius	4008S	Fresenius India	5Y	14/03/2013	13/03/2016	Working
103	Nephrology	Dialysis Machine	Fresenius	4008S	Fresenius India	5Y	14/03/2013	13/03/2016	Working
104	Nephrology	Dialysis Machine	Fresenius	4008S	Fresenius India	5Y	14/03/2013	13/03/2016	Working
105	Nephrology	Dialysis Machine	Fresenius	4008S	Fresenius India	5Y	14/03/2013	13/03/2016	Working
106	Nephrology	Dialysis Machine	Fresenius	4008S	Fresenius India	5Y	14/03/2013	13/03/2016	Working
107	Nephrology	Dialysis Machine	Fresenius	4008S	Fresenius India	5Y	14/03/2013	13/03/2016	Working
108	Nephrology	Dialysis Machine	Fresenius	4008S	Fresenius India	5Y	14/03/2013	13/03/2016	Working

109	Nephrology	Dialysis Machine	Fresenius	4008S	Fresenius India	5Y	14/03/2013	13/03/2016	Working
110	Nephrology	Dialysis Machine	Fresenius	4008S	Fresenius India	3Y	28/07/2012	27/07/2015	Working
111	Nephrology	Dialysis Machine	Fresenius	4008S	Fresenius India	3Y	28/07/2012	27/07/2015	Working
112	Nephrology	Dialysis Machine	Fresenius	ARTPLUS	Trivitron	2Y	18/04/2012	17/04/2014	Working
113	Nephrology	Dialysis Machine	Fresenius	Art Plus	Fresenius India	5Y	12-10-2014	12-09-2019	Working
114	Nephrology	CRRT	GAMBRO	PRISMAFLEX	Gambro India	2y	04-04-2012	04-03-2014	Working
115	Nephrology	CRRT	GAMBRO	PRISMAFLEX	Gambro India	1Y	07-02-2015	07-01-2016	Working
116	Nephrology	PD CYCLER	Baxter	R5C 8320	Gambro India	1y	07-02-2015	07-01-2016	Working
117	Nephrology	PD CYCLER	Baxter	R5C 8320	HC Pro cycler	1y	24/03/10	23/03/11	Working
118	Nephrology	PD CYCLER	Baxter	R5C 8320	Banafar pharma	1Y	24/2/2014	23/2/2015	Working
119	Nephrology	Defibrillator	BPL	DF 2509R	Bharat Medi	1Y	12-12-2008	12-11-2009	Working
120	Nephrology	Defibrillator	BPL	DF 2509R	Bharat Medi	1Y	12-12-2008	12-11-2009	Working
121	Nephrology	Bi-Corb Mixer	SR Med	200L	SR Med	1Y	02-01-2014	31/1/2015	Working
122	Nephrology	Bi-Corb Mixer	SR Med	200L	SR Med	3Y	02-01-2005	31/1/2008	Working
123	Nephrology	Digital Weighing Scale	Tulaman	115Es	Tulaman	1Y	28/10/98	27/10/99	Working
124	Nephrology	Digital Weighing Scale	Tulaman	115Es	Tulaman	1Y	21/09/05	20/09/06	Working
125	Nephrology	ICU Ventilator	GE Datex Ohmeda	Anaesthesia	Engstrom	2Y	30/11/2009	29/11/2011	Working
126	Nephrology	ICU Ventilator	GE Datex Ohmeda	Anaesthesia	Engstrom	2Y	30/11/2010	29/11/2011	Working
127	Nephrology	Syringe Pump	Neuron BioMed	SP 102	L & T	2Y	11-02-2009	11-01-2011	Working
128	Nephrology	Syringe Pump	Neuron BioMed	SP 102	L & T	2Y	11-02-2009	11-01-2011	Working
129	Nephrology	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2Y	04-02-2010	04-01-2012	Working
130	Nephrology	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2Y	04-02-2010	04-01-2012	Working
131	Nephrology	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2Y	04-02-2010	04-01-2012	Working
132	Nephrology	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2Y	04-02-2010	04-01-2012	Working
133	Nephrology	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2Y	04-02-2010	04-01-2012	Working
134	Nephrology	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2Y	04-02-2010	04-01-2012	Working
135	Nephrology	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2Y	04-02-2010	04-01-2012	Working

136	Nephrology	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2Y	04-02-2010	04-01-2012	Working
137	Nephrology	Microscope	Nikon	E-200	Towa Optics	1Y	14/11/2014	13/11/2015	Working
138	Nephrology	Ultra Sound Scanner	Esote	MyLab 25 Gold	Esote India	3Y	12-03-2015	12-02-2018	Working
139	Nephrology	Syringe Pump	Plenum Tech Pvt Ltd	Zion +	Plenum Tech	3Y	15/06/2016	14/06/2018	Working
140	Nephrology	Syringe Pump	Plenum Tech Pvt Ltd	Zion +	Plenum Tech	3Y	15/06/2016	14/06/2018	Working
141	Nephrology	Syringe Pump	Plenum Tech Pvt Ltd	Zion +	Plenum Tech	3Y	15/06/2016	14/06/2018	Working
142	Nephrology	Syringe Pump	Neuron BioMed	SP 102	L & T	2Y	11-04-2009	11-03-2011	Working
143	Nephrology	ECG Recprder	Motorora	ELI-250	Compamedic	2Y	02-06-2010	02-05-2012	Working
144	Nephrology	Pulse Oximeter	Mediaid	900P	Adv. Micronic	2Y	02-06-2010	02-05-2012	Working
145	Nephrology	Pulse Oximeter	Mediaid	900P	Adv. Micronic	2Y	02-06-2010	02-05-2012	Working
146	Nephrology	Pulse Oximeter	Mediaid	900P	Adv. Micronic	2Y	02-06-2010	02-05-2012	Working
147	Nephrology	Pulse Oximeter	Mediaid	900P	Adv. Micronic	2Y	02-06-2010	02-05-2012	Working
148	Nephrology	Syringe Pump	Organge	Flow Prima					
149	<u>Neurology</u>	EEG Video Digital-128 Channel	EB Neuro	Gaieo 128	Shibumi	3Y	16/07/05	15-07-2008	Working
150	Neurology	EEG Machine-Portable		Galileo	Shibumi	1Y	30/06/2007	29/06/2008	Working
151	Neurology	EEG Video 40 Channel	EB Neuro	Gaieo Mizar 40	Shibumi	5Y	01-01-2015	31-12-2020	Working
152	Neurology	8 Channel ENMG	Nicolet	Medelec Synngy	Allied	3Y	09-11-2009	08-10-2012	Working
153	Neurology	ENMG	Nicolet	Medelec Synngy	Allied	5y	05-06-2015	05-05-2020	Working
154	Neurology	Trans cranial Mag. Stimulator		Magstim rapid 2	HospiMedical	3Y	26/09/09	25/09/2012	Working
155	Neurology	ICU Ventilator	GE Datex Ohmeda	Engstrom	Mindray	2Y	30/11/2009	29/11/2011	Working
156	Neurology	ICU Ventilator	GE Datex Ohmeda	Engstrom	Mindray	2Y	30/11/2009	29/11/2011	Working
157	Neurology	ICU Ventilator	GE Datex Ohmeda	Engstrom	Mindray	2Y	30/11/2009	29/11/2011	Working
158	Neurology	ICU Ventilator	GE Datex Ohmeda	Engstrom	Mindray	2Y	30/11/2009	29/11/2011	Working
159	Neurology	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2Y	02-04-2010	01-03-2012	Working
160	Neurology	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2Y	02-04-2010	01-03-2012	Working
161	Neurology	Multi Para	Mindray	Beneview T8	Instromedic	2Y	02-04-2010	01-03-2012	Working

		Monitor							
162	Neurology	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2Y	02-04-2010	01-03-2012	Working
163	Neurology	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2Y	02-04-2010	01-03-2012	Working
164	Neurology	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2Y	02-04-2010	01-03-2012	Working
165	Neurology	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2Y	02-04-2010	01-03-2012	Working
166	Neurology	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2Y	02-04-2010	01-03-2012	Working
167	Neurology	EEG Video 40 Channel	EB Neuro	Gaieo Mizar 40	Shibumi	5Y	13/06/2016	12-06-2021	Working
168	Neurology	Defibrillator	BPL	DF2509	BPL	1Y	02-06-2009	01-05-2010	Working
169	Neurology	Syringe Pump	Fresenius	Injectomat/Agilia	Medi	5Y	19/03/09	18-03-2014	Working
170	Neurology	Syringe Pump	Fresenius	Injectomat/Agilia	Medi	5y	19/03/09	18-03-2014	Working
171	Neurology	Syringe Pump	Fresenius	Injectomat/Agilia	Medi	5Y	19/03/09	18-03-2014	Working
172	Neurology	Syringe Pump	Fresenius	Injectomat/Agilia	Medi	5y	19/03/09	18-03-2014	Working
173	Neurology	Syringe Pump	Fresenius	Injectomat/Agilia	Medi	5Y	19/03/09	18-03-2014	Working
174	Neurology	Syringe Pump	Fresenius	Injectomat/Agilia	Medi	5Y	19/03/09	18-03-2014	Working
175	Neurology	Syringe Pump	Fresenius	Injectomat/Agilia	Medi	5Y	19/03/09	18-03-2014	Working
176	<u>Casualty</u>	Defibrillator	Philips	Heart start	Philips	3y	18-02-2003	17/02/06	Working
177	Casualty	Defibrillator	Schiller	Defigard-400	Schiller	2Y	04-02-2014	04-01-2016	Working
178	Casualty	Multi Para Monitor	Mindray	PM-8000	Instromedic	2y	02-07-2010	02-06-2012	Working
179	Casualty	Multi Para Monitor	Mindray	PM-8000	Instromedic	2y	02-07-2010	02-06-2012	Working
180	Casualty	Multi Para Monitor	Mindray	PM-8000	Instromedic	2y	02-07-2010	02-06-2012	Working
181	Casualty	Multi Para Monitor	Mindray	PM-8000	Instromedic	2y	02-07-2010	02-06-2012	Working
182	Casualty	Multi Para Monitor	Mindray	PM-8000	Instromedic	2y	02-07-2010	02-06-2012	Working
183	Casualty	Multi Para Monitor	Mindray	PM-8000	Instromedic	2y	02-07-2010	02-06-2012	Working
184	Casualty	Multi Para Monitor	Mindray	PM-8000	Instromedic	2y	02-07-2010	02-06-2012	Working
185	Casualty	ICU Ventilator	Tecme	Grpahnet	Meditronic	2y	10-01-2011	31/09/2013	Working
186	Casualty	ICU Ventilator	Tecme	Grpahnet	Meditronic	2y	10-01-2011	31/09/2013	Working

187	Casualty	ICU Ventilator	Tecme	Grpahnet	Meditronic	2y	10-01-2011	31/09/2013	Working
188	Casualty	ICU Ventilator	Tecme	Grpahnet	Meditronic	2y	10-01-2011	31/09/2013	Working
189	Casualty	Syringe Pump	Neuron BioMed	SP 102	L & T	2Y	11-04-2009	11-03-2011	Working
190	Casualty	Syringe Pump	Neuron BioMed	SP 102	L & T	2Y	11-04-2009	11-03-2011	Working
191	Casualty	Syringe Pump	Neuron BioMed	SP 102	L & T	2Y	11-04-2009	11-03-2011	Working
192	Casualty	Syringe Pump	Neuron BioMed	SP 102	L & T	2Y	11-04-2009	11-03-2011	Working
193	Casualty	Syringe Pump	Neuron BioMed	SP 102	L & T	2Y	11-04-2009	11-03-2011	Working
194	Casualty	Syringe Pump	Neuron BioMed	SP 102	L & T	2Y	11-04-2009	11-03-2011	Working
195	Casualty	Syringe Pump	Neuron BioMed	SP 102	L & T	2Y	11-04-2009	11-03-2011	Working
196	Casualty	Syringe Pump	Neuron BioMed	SP 102	L & T	2Y	11-04-2009	11-03-2011	Working
197	Casualty	Syringe Pump	Neuron BioMed	SP 102	L & T	2Y	11-04-2009	11-03-2011	Working
198	Casualty	Syringe Pump	Organge	Flow Prima	Organge Medical	2Y	04-02-2014	04-01-2016	Working
199	Casualty	Syringe Pump	Organge	Flow Prima	Organge Medical	2Y	04-02-2014	04-01-2016	Working
200	Casualty	Syringe Pump	Organge	Flow Prima	Organge Medical	2Y	04-02-2014	04-01-2016	Working
201	Casualty	Syringe Pump	Organge	Flow Prima	Organge Medical	2Y	04-02-2014	04-01-2016	Working
202	Casualty	Syringe Pump	Organge	Flow Prima	Organge Medical	2Y	04-02-2014	04-01-2016	Working
203	Casualty	Syringe Pump	Organge	Flow Prima	Organge Medical	2Y	04-02-2014	04-01-2016	Working
204	Casualty	Syringe Pump	Organge	Flow Prima	Organge Medical	2Y	04-02-2014	04-01-2016	Working
205	Casualty	Syringe Pump	Organge	Flow Prima	Organge Medical	2Y	04-02-2014	04-01-2016	Working
206	Casualty	Syringe Pump	Organge	Flow Prima	Organge Medical	2Y	04-02-2014	04-01-2016	Working
207	Casualty	Syringe Pump	Organge	Flow Prima	Organge Medical	2Y	04-02-2014	04-01-2016	Working
208	<u>Emergence Medicine</u>	Ultra Sound Scanner	Esote	Mylab 40	Esote India	3Y	15/01/2016	14/01/2019	Working
209	Emergence Medicine	Syringe Pump	Plenum Tech Pvt Ltd	Zion +	Plenum Tech	3Y	15/06/2016	14/06/2019	Working
210	Emergence Medicine	Syringe Pump	Plenum Tech Pvt Ltd	Zion +	Plenum Tech	3Y	15/06/2016	14/06/2019	Working
211	Emergence Medicine	Syringe Pump	Plenum Tech Pvt Ltd	Zion +	Plenum Tech	3Y	15/06/2016	14/06/2019	Working
212	Emergence Medicine	Syringe Pump	Plenum Tech Pvt Ltd	Zion +	Plenum Tech	3Y	15/06/2016	14/06/2019	Working

213	Emergence Medicine	Syringe Pump	Plenum Ltd	Tech	Pvt	Zion +	Plenum Tech	3Y	15/06/2016	14/06/2019	Working
214	Emergence Medicine	Syringe Pump	Plenum Ltd	Tech	Pvt	Zion +	Plenum Tech	3Y	15/06/2016	14/06/2019	Working
215	Emergence Medicine	Syringe Pump	Plenum Ltd	Tech	Pvt	Zion +	Plenum Tech	3Y	15/06/2016	14/06/2019	Working
216	Emergence Medicine	Syringe Pump	Plenum Ltd	Tech	Pvt	Zion +	Plenum Tech	3Y	15/06/2016	14/06/2019	Working
217	Emergence Medicine	Syringe Pump	Plenum Ltd	Tech	Pvt	Zion +	Plenum Tech	3Y	15/06/2016	14/06/2019	Working
218	Emergence Medicine	Syringe Pump	Plenum Ltd	Tech	Pvt	Zion +	Plenum Tech	3Y	15/06/2016	14/06/2019	Working
219	Emergence Medicine	Syringe Pump	Plenum Ltd	Tech	Pvt	Zion +	Plenum Tech	3Y	15/06/2016	14/06/2019	Working
220	Emergence Medicine	Syringe Pump	Plenum Ltd	Tech	Pvt	Zion +	Plenum Tech	3Y	15/06/2016	14/06/2019	Working
221	Emergence Medicine	Syringe Pump	Plenum Ltd	Tech	Pvt	Zion +	Plenum Tech	3Y	15/06/2016	14/06/2019	Working
222	Emergence Medicine	Syringe Pump	Plenum Ltd	Tech	Pvt	Zion +	Plenum Tech	3Y	15/06/2016	14/06/2019	Working
223	Emergence Medicine	Syringe Pump	Plenum Ltd	Tech	Pvt	Zion +	Plenum Tech	3Y	15/06/2016	14/06/2019	Working
224	Emergence Medicine	Syringe Pump	L&T			SP102	L&T	2Y	11-04-2009	11-03-2011	Working
225	Emergence Medicine	Syringe Pump	Fresenius			Injectomat/Agilia	Medi	5Y	19/03/09	18/03/14	Working
226	Emergence Medicine	Defibrillator	Mindray			BeneHeart D3	Green Apple	2Y	19/07/2016	18/07/2018	Working
227	Emergence Medicine	Multi Para Monitor	Mindray			Beneview T8	Instromedic	2y	02-04-2010	02-03-2012	Working
228	Emergence Medicine	Multi Para Monitor	Mindray			Beneview T8	Instromedic	2y	02-04-2010	02-03-2012	Working
229	Emergence Medicine	Multi Para Monitor	Bionet			BM 5	Vijetha	1Y	28/09/16	27/09/17	Working
230	Emergence Medicine	Multi Para Monitor	Bionet			BM 5	Vijetha	1Y	28/09/16	27/09/17	Working
231	Emergence Medicine	Multi Para Monitor	Bionet			BM 5	Vijetha	1Y	28/09/16	27/09/17	Working
232	Emergence Medicine	Multi Para Monitor	Bionet			BM 5	Jk Medical	1Y	09-06-2017	09-05-2018	Working
233	Emergence Medicine	Multi Para Monitor	Bionet			BM 5	Jk Medical	1Y	09-06-2017	09-05-2018	Working

234	Emergence Medicine	Multi Para Monitor	Bionet	BM 5	Jk Medical	1Y	09-06-2017	09-05-2018	Working
235	Emergence Medicine Ex	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2y	02-04-2010	02-03-2012	Working
236	Emergence Medicine Ex	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2y	02-04-2010	02-03-2012	Working
237	Emergence Medicine Ex	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2y	02-04-2010	02-03-2012	Working
238	Emergence Medicine Ex	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2y	02-04-2010	02-03-2012	Working
239	Emergence Medicine Ex	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2y	02-04-2010	02-03-2012	Working
240	Emergence Medicine Ex	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2y	02-04-2010	02-03-2012	Working
241	Emergence Medicine Ex	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2y	02-04-2010	02-03-2012	Working
242	Emergence Medicine Ex	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2y	02-04-2010	02-03-2012	Working
243	Emergence Medicine Ex	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2y	02-04-2010	02-03-2012	Working
244	Emergence Medicine Ex	Multi Para Monitor	Mindray	UMEC 12	Green apple	5Y	06-07-2018	06-06-2023	Working
245	Emergence Medicine Ex	Multi Para Monitor	Mindray	UMEC 12	Green apple	5Y	06-07-2018	06-06-2023	Working
246	Emergence Medicine Ex	Multi Para Monitor	Mindray	UMEC 12	Green apple	5Y	06-07-2018	06-06-2023	Working
247	Emergence Medicine Ex	Multi Para Monitor	Mindray	UMEC 12	Green apple	5Y	06-07-2018	06-06-2023	Working
248	Emergence Medicine Ex	Multi Para Monitor	Mindray	UMEC 12	Green apple	5Y	06-07-2018	06-06-2023	Working
249	Emergence Medicine Ex	Multi Para Monitor	Mindray	UMEC 12	Green apple	5Y	06-07-2018	06-06-2023	Working
250	Emergence Medicine Ex	Multi Para Monitor	Mindray	UMEC 12	Green apple	5Y	06-07-2018	06-06-2023	Working
251	Emergence Medicine	Flexi.Intubating Video Endo	Karl stroz		Medi Focus	5y	26.03.2018	25.03.2023	Working
252	Emergence Medicine Ex	Defibrillator	Mindray	BeneHeart D2	Green Apple	5Y	30.03.2018	29.03.2023	Working
253	Emergence Medicine Ex	Ventilator	Hamilton	Raphel	Trivitron	3Y	06-04-2005	06-03-2008	Working
254	Emergence Medicine Ex	Ventilator	Maquet	Servo 300	Maquet India	5Y	27/05/09	26/05/14	Working
255	Medicine/MICU	Sleep Lab System	Natus medical	Sleep Scan	Sleep Scan	2y	26/03/09	25/03/11	Working
256	Medicine/MICU	PFT System	Morgan	Bench Mark	PK Morgon	3y	26/08/03	25/08/06	Working

257	Medicine/MICU	PFT System	NDD	Easyone Pro Lab	Jk Med	5Y	10-01-2016	31/09/2021	Working
258	Medicine/MICU	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2y	02-04-2010	02-03-2012	Working
259	Medicine/MICU	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2y	02-04-2010	02-03-2012	Working
260	Medicine/MICU	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2y	02-04-2010	02-03-2012	Working
261	Medicine/MICU	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2y	02-04-2010	02-03-2012	Working
262	Medicine/MICU	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2y	02-04-2010	02-03-2012	Working
263	Medicine/MICU	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2y	02-04-2010	02-03-2012	Working
264	Medicine/ENDO Ward	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2y	02-04-2010	02-03-2012	Working
265	Medicine /ENDO Ward	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2y	02-04-2010	02-03-2012	Working
266	Medicine/MICU	Spectro Photometer	Elico	BL-200	Sri Vijaya	3y	23/01/10	22/01/12	Working
267	Medicine/MICU	ECG Recorder	BioNet	Cardio 7	Vijetha	1Y	27/08/2014	26/08/2015	Working
268	Medicine/MICU	ICU Ventilator	Tecme	Grpahnet	Meditronic	2y	10-01-2011	31/09/2013	Working
269	Medicine/MICU	ICU Ventilator	Tecme	Grpahnet	Meditronic	2y	10-01-2011	31/09/2013	Working
270	Medicine/MICU	ICU Ventilator	Tecme	Grpahnet	Meditronic	2y	10-01-2011	31/09/2013	Working
271	Medicine/MICU	ICU Ventilator	Tecme	Grpahnet	Meditronic	2y	10-01-2011	31/09/2013	Working
272	Medicine/MICU	Deep Freezer - 86	Forma	991	Vijaya	5y	02-04-2013	02-03-2018	Working
273	Medicine/MICU	Deep Freezer - 40	Terumo penpol	Df 40U	Terumo	5Y	09-05-2013	09-04-2018	Working
274	Medicine/MICU	Deep Freezer - 40	Terumo penpol	Df 40U	Terumo	5Y	09-05-2013	09-04-2018	Working
275	Medicine/MICU	Defibrillator	BPL	DF 2509R	Bharat Medi	1Y			Working
276	Medicine/MICU	Syringe Pump	L&T	SP102	L&T	2Y	11-04-2009	11-03-2011	Working
277	Medicine/MICU	Syringe Pump	Fresenius	Injectomat/Agilia	Medi	5Y	19/03/09	18/03/14	Working
278	Medicine/MICU	Syringe Pump	Plenum Tech Pvt Ltd	Zion +	Plenum Tech	3Y	16/12/16	15/12/19	Working
279	Medicine/MICU	Syringe Pump	Plenum Tech Pvt Ltd	Zion +	Plenum Tech	3Y	16/12/16	15/12/19	Working
280	Medicine/MICU	Syringe Pump	Plenum Tech Pvt Ltd	Zion +	Plenum Tech	3Y	16/12/16	15/12/19	Working
281	Medicine/MICU	Syringe Pump	Plenum Tech Pvt Ltd	Zion +	Plenum Tech	3Y	16/12/16	15/12/19	Working

282	Medicine/MICU	Syringe Pump	Plenum Tech Pvt Ltd	Zion +	Plenum Tech	3Y	16/12/16	15/12/19	Working
283	Medicine/MICU	Syringe Pump	Plenum Tech Pvt Ltd	Zion +	Plenum Tech	3Y	16/12/16	15/12/19	Working
284	Pranadhana ward	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2y	02-04-2010	02-03-2012	Working
285	Pranadhana ward	Multi Para Monitor	Mindray	PM-8000	Instromedic	2y	02-07-2010	02-06-2012	Working
286	Pranadhana ward	Syringe Pump	Neuron BioMed	SP 102	L & T	2Y	11-04-2009	11-03-2011	Working
287	Pranadhana ward	Syringe Pump	Neuron BioMed	SP 102	L & T	2Y	11-04-2009	11-03-2011	Working
288	Ashis Ward	Syringe Pump	Neuron BioMed	SP 102	L & T	2Y	11-04-2009	11-03-2011	Working
289	Ashis Ward	Syringe Pump	Neuron BioMed	SP 102	L & T	2Y	11-04-2009	11-03-2011	Working
290	Endo crinology -Lab	Auto Beta Counter	Wallac	1409	Pharmacia	3Y	1997	2000	working
291	Endo crinology -Lab	Manual Gamma Counter	ECIL	W76415	ECIL	1Y	1997	1998	Working
292	Endo crinology -Lab	Centrifuge	Remi	R8C	Remi	1Y	1997	1998	Working
293	Endo crinology -Lab	Centrifuge	Remi	R8C	Remi	1Y	1997	1998	Working
294	Endo crinology -Lab	Cooling Centrifuge	Remi		Indian Scientific	1y	21/10/00	20/10/01	Working
295	Endo crinology -Lab	Bone Densitometer	Hologic	Discovery-A	ADS Medical	3Y	02-02-2007	02-01-2010	Working
296	Endo crinology -Lab	PCR System	Eppendorf	MasterCycler Nexus	Eppendorf	5Y	23/12/2014	22/12/2019	Working
297	Endo crinology -Lab	Deep Freezer - 40 Deg C	Terumo	DF40u	Terumo	3Y	18/07/09	17/07/12	Working
298	Endo crinology -Lab	Deep Freezer - 40 Deg C	Terumo	DF40u	Terumo	3Y	30/09/16	29/09/19	Working
299	Endo crinology -Lab	Deep Freezer - 20 Deg C	Terumo	DF40u	Terumo	3Y	30/09/16	29/09/19	Working
300	Endo crinology -Lab	Chemi Illuminance syatem	Beckman	Acess-2	Beckman India		03-05-2013		Working
301	Endo crinology -Lab	Chemi Illuminance system	Beckman	Acess-2	Beckman India		15/10/2016		Working
302	Endo crinology -Lab	A1C Analyzer	BioRad	D-10	Pooja Medical	5Y	23/2/12		Working
303	Endo crinology -Lab	A1C Analyzer	BioRad	D-10	Pooja Medical	5Y	23/2/12		Working
304	Endo crinology -Lab	Elisa Reder	Bio Tek	Max 200	MediSoec	5y	23/03/10	22/03/15	Working
305	Endo crinology -Lab	Cooling Centrifuge	Remi	CPR-30 Plus	Medicoy	5Y	16/11/2016	15/11/2021	Working

306	Endo crinology -Lab	Cardiac Autonomic Neuropathy System Analyser	Royal Medi System	CANS 504	Royal Medi System	1 Y	05.04.2018	04.04.2019	Working
307	ENDO Ward	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2y	02-04-2010	02-03-2012	Working
308	ENDO Ward	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2y	02-04-2010	02-03-2012	Working
309	ENDO Ward	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2y	02-04-2010	02-03-2012	Working
310	ENDO Ward	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2y	02-04-2010	02-03-2012	Working
311	ENDO Ward	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2y	02-04-2010	02-03-2012	Working
312	ENDO Ward	Syringe Pump	Fresenius	Injectomat/Agilia	Medi	5Y	19/03/09	18/03/14	Working
313	ENDO Ward	Syringe Pump	Fresenius	Injectomat/Agilia	Medi	5Y	19/03/09	18/03/14	Working
314	ENDO Ward	Syringe Pump	Neuron BioMed	SP 102	L & T	2Y	11-03-2009	18/03/14	Working
315	ENDO Ward	Syringe Pump	Neuron BioMed	SP 102	L & T	2Y	11-03-2009	18/03/14	Working
316	ENDO Ward	Pulse Oximeter	MediAid		Micronic	2Y	23/01/2010	22/01/2012	Working
317	ENDO Ward	ECG Machine	Wipro GE	MAC 2000	Wipro GE	1 Y	28.08.2018	27.08.2019	
318	Radiology	CR System with Laser printer- Main Block	Care stream	Classic	Care Stream	5Y	07-02-2013	07-01-2018	Working
319	Radiology	CR System with Laser printer-opd	Care stream	Classic	Care Stream	5Y	22/5/2013	21/5/2018	Working
320	Radiology	CT Scan - 128 slice with laser printer & Faculty Work Station	Siemens	Definision As +	Seimens india	5Y	02-10-2010	02-09-2015	Working
	3.1	CT-128 Definition +							
	3.2	Faculty Work Station							
	3.4	Defibrillator							
	3.5	Fluro system							
	3.6	Laser Printer- Film							
	3.7	UPS							
321	Radiology	MRI Scan 1.5 Tesla	Siemens	Aera	Seimens	5Y	27/01/2014	26/01/2019	Working
	4.1	MRI Scan- 1.5Tesla							

	4.2	Facuty Work Station							
	4.3	Laser printer	Film						
	4.4	MRI Com Pulse Oximeter							
	4.5	Anaesthsia work station with Multi Monitor							
	4.6	Metal Detector- Stand type-2Nos							
	4.7	Metal Detector- Hand Held type- 2Nos							
	4.8	Pressure Injector							
	4.9	UPS							
	4.1	Air Conditioning System							
322	Radiology	ultra Sound Scanner	Siemens	Sonoline G40	siemens	3Y	15/03/08	14/03/11	Working
323	Radiology	Ultra Sound Scanner	Philips	IU22	Philips India	2y	12-01-2009	31/11/2011	Working
324	Radiology	Ultra Sound Scanner	G E	Voluson 730 Pro	GE	2y	24/03/2011	23/03/2013	Working
325	Radiology	ultra Sound Scanner	Esote	Mylab 40	Esote India	3Y	15/01/2016	14/01/2019	Working
326	Radiology	ultra Sound Scanner	Esote	Mylab 40	Esote India	3Y	15/01/2016	14/01/2019	Working
327	Radiology	ultra Sound Scanner	Esote	Mylab 40	Esote India	3Y	15/01/2016	14/01/2019	Working
328	Radiology	Ultra Sound Color Doppler	Esote	MYLAB TWICE	Healthware	5y	20/07/2016	19/07/2021	Working
329	Radiology	X-Ray 1000ma OPD	Listen Korea	1000mA	Platinum	2Y	14/10/2011	13/10/2013	Working
330	Radiology	Digital X-Ray	Sedecal/Canon	Prorad 3N	Pronosysd	2Y	19/12/2013	18/12/2015	Working
331	Radiology	X-Ray 500mA OPD	Medtronics/Philips	Dignox 4050	Philips India	2Y	15-03-2013	14/03/2015	Working
332	Radiology	X-Ray 500mA	Siemens	polyphos	Siemens	3Y	26/02/92	25/02/95	Working
333	Radiology	X-Ray Mobile	Siemens	Multi Mobile	Siemens	1.5 Y	25/05/00	24/11/01	Working
334	Radiology	X-Ray Mobile	Allenger	Opel 3.5/ SBM	Allenger	5Y	10-05-2009	10-04-2014	Working
335	Radiology	X-Ray Mobile	Allenger	Opel 3.5/ SBM	Allenger	5y	10-05-2009	10-04-2014	Working

336	Radiology	X-Ray Mobile	Allenger	Opel 3.5/ SBM	Allenger	5y	10-05-2009	10-04-2014	Working
337	Radiology	X-Ray Mobile	Adonis medica	AE 100 HF	Adonis medica	5y	03-10-2016	03-09-2021	Working
338	Radiology	X-Ray Mobile	Adonis medica	AE 100 HF	Adonis medica	5y	03-10-2016	03-09-2021	Working
339	Radiology	X-Ray Mobile	Adonis medica	AE 100 HF	Adonis medica	5y	03-10-2016	03-09-2021	Working
340	Radiology	X-Ray Mobile	Adonis medica	AE 100 HF	Adonis medica	5y	03-10-2016	03-09-2021	Working
341	Radiology	Mamography	Metaltronica	Lylum BYM	Bet Medical	5Y	29/04/2016	28/04/2021	Working
342	Radiology	800mA x-ray Machine with Fluoroscopy & Image Intensifier	IRIS Healthcare	Luminous Select	Siemens	5 Y	04-05-2018	03-05-2023	Working
343	NUCLEAR MEDICINE	Gamma Camera with Work station, UPS, laser printer, Schiller make TMT	Siemens	Symbia	Siemens India	5Y	17/11/2009	16/11/2014	Working
344	NUCLEAR MEDICINE	Dose Calibrator	Capintec	CRC7	Wipro GE	3Y	08-10-1994	08-09-1997	Working
345	NUCLEAR MEDICINE	Radiation Monitor	ECIL	RM4564	Wipro GE	3Y	08-10-1994	08-09-1997	Working
346	NUCLEAR MEDICINE	Radiation Survey meter	ECIL	MR450A	Wipro GE	3Y	08-10-1994	08-09-1997	Working
347	NUCLEAR MEDICINE	Pet CT- with Laser printer, Laser Film printer, Workstation, UPS, Contamination monitor extra	Siemens	Biograph	Siemens India	5Y	26/10/2010	25/10/2015	Working
348	NUCLEAR MEDICINE	Defibrillator	BPL	DF-2509	BPL	3Y	12-12-2008	12-11-2011	Working
349	NUCLEAR MEDICINE	Syringe Pump	Plenum Tech Pvt Ltd	Zion +	Plenum Tech	3Y	2014	2017	Working
350	Anaesthesiology	ICU Ventilator	GE Datex Ohmeda	Engstrom	GE Datex Ohmeda	2Y	30/11/2009	29/11/2011	Working
351	Anaesthesiology	ICU Ventilator	GE Datex Ohmeda	Engstrom	GE Datex Ohmeda	2Y	30/11/2009	29/11/2011	Working
352	Anaesthesiology	ICU Ventilator	GE Datex Ohmeda	Engstrom	GE Datex Ohmeda	2Y	30/11/2009	29/11/2011	Working
353	Anaesthesiology	ICU Ventilator	GE Datex Ohmeda	Engstrom	GE Datex Ohmeda	2Y	30/11/2009	29/11/2011	Working
354	Anaesthesiology	ICU Ventilator	GE Datex Ohmeda	Engstrom	GE Datex Ohmeda	2Y	30/11/2009	29/11/2011	Working
355	Anaesthesiology	ICU Ventilator	Marquet	Servo-I	Maquet India	5Y	27/05/09	26/05/14	Working
356	Anaesthesiology	ICU Ventilator	Marquet	Servo-I	Maquet India	5Y	27/05/09	26/05/14	Working

357	Anaesthesiology	ICU Ventilator	Maquet	Servo-I	Maquet India	5Y	27/05/09	26/05/14	Working
358	Anaesthesiology	ICU Ventilator	Maquet	Servo-I	Maquet India	5Y	27/05/09	26/05/14	Working
359	Anaesthesiology	ICU Ventilator	Maquet	Servo-I	Maquet India	5Y	27/05/09	26/05/14	Working
360	Anaesthesiology	ICU Ventilator	Maquet	Servo-I	Maquet India	5Y	27/05/09	26/05/14	Working
361	Anaesthesiology	ICU Ventilator	Maquet	Servo-I	Maquet India	5Y	27/05/09	26/05/14	Working
362	Anaesthesiology	ICU Ventilator	Maquet	Servo-I	Maquet India	5Y	27/05/09	26/05/14	Working
363	Anaesthesiology	ICU Ventilator	Maquet	Servo-I	Maquet India	5Y	27/05/09	26/05/14	Working
364	Anaesthesiology	ICU Ventilator	Maquet	Servo-I	Maquet India	5Y	27/05/09	26/05/14	Working
365	Anaesthesiology	ICU Ventilator	Maquet	Servo-I	Maquet India	5Y	27/05/09	26/05/14	Working
366	Anaesthesiology	ICU Ventilator	Maquet	Servo-I	Maquet India	5Y	27/05/09	26/05/14	Working
367	Anaesthesiology	ICU Ventilator	Maquet	Servo-I	Maquet India	5Y	27/05/09	26/05/14	Working
368	Anaesthesiology	ICU Ventilator	Maquet	Servo-I	Maquet India	5Y	27/05/09	26/05/14	Working
369	Anaesthesiology	ICU Ventilator	Maquet	Servo-I	Maquet India	5Y	27/05/09	26/05/14	Working
370	Anaesthesiology	ICU Ventilator	Maquet	Servo-I	Maquet India	5Y	27/05/09	26/05/14	Working
371	Anaesthesiology	ICU Ventilator	Maquet	Servo-I	Maquet India	5Y	27/05/09	26/05/14	Working
372	Anaesthesiology	ICU Ventilator	Maquet	Servo-I	Maquet India	5Y	27/05/09	26/05/14	Working
373	Anaesthesiology	ICU Ventilator	Maquet	Servo-I	Maquet India	5Y	27/05/09	26/05/14	Working
374	Anaesthesiology	ICU Ventilator	Maquet	Servo-I	Maquet India	5Y	27/05/09	26/05/14	Working
375	Anaesthesiology	ICU Ventilator	Maquet	Servo-I	Maquet India	5Y	27/05/09	26/05/14	Working
376	Anaesthesiology	ICU Ventilator	Maquet	Servo-I	Maquet India	5Y	27/05/09	26/05/14	Working
377	Anaesthesiology	Ana Work Station	GE Datex Ohmeda	Aestiva 7900	GE Datex India	2Y	07-12-2010	07-11-2012	Working
378	Anaesthesiology	Ana Work Station	GE Datex Ohmeda	Aestiva 7900	GE Datex India	2Y	07-12-2010	07-11-2012	Working
379	Anaesthesiology	Ana Work Station	GE Datex Ohmeda	Aestiva 7900	GE Datex India	2Y	07-12-2010	07-11-2012	Working
380	Anaesthesiology	Ana Work Station	Drager	Fabius plus	Drager india	2Y	08-08-2010	08-07-2012	Working
381	Anaesthesiology	Ana Work Station	Drager	Fabius plus	Drager india	2Y	08-08-2010	08-07-2012	Working
382	Anaesthesiology	Ana Work Station	Drager	Fabius plus	Drager india	2Y	08-08-2010	08-07-2012	Working
383	Anaesthesiology	Ana Work Station	Drager	Fabius plus	Drager india	2Y	08-08-2010	08-07-2012	Working

384	Anaesthesiology	Ana Work Station	Drager	Fabius plus	Drager india	2Y	08-08-2010	08-07-2012	Working
385	Anaesthesiology	Ana Work Station	Drager	Fabius plus	Drager india	2Y	01-01-2012	31/12/2014	Working
386	Anaesthesiology	Ana Work Station	Drager	Fabius plus	Drager india	2Y	01-01-2012	31/12/2014	Working
387	Anaesthesiology	Ana Work Station	Drager	Fabius plus	Drager india	2Y	01-01-2012	31/12/2014	Working
388	Anaesthesiology	Ana Work Station	Drager	Fabius plus	Drager india	2Y	01-01-2012	31/12/2014	Working
389	Anaesthesiology-RICU	Syringe Pump	Neuron BioMed	SP 102	L & T	2Y	23/01/2010	22/01/2012	Working
390	Anaesthesiology-RICu	Syringe Pump	Neuron BioMed	SP 102	L & T	2Y	23/01/2010	22/01/2012	Working
391	Anaesthesiology-RICU	Syringe Pump	Neuron BioMed	SP 102	L & T	2Y	23/01/2010	22/01/2012	Working
392	Anaesthesiology-RICu	Syringe Pump	Neuron BioMed	SP 102	L & T	2Y	23/01/2010	22/01/2012	Working
393	Anaesthesiology-RICU	Syringe Pump	Neuron BioMed	SP 102	L & T	2Y	23/01/2010	22/01/2012	Working
394	Anaesthesiology-RICu	Syringe Pump	Neuron BioMed	SP 102	L & T	2Y	23/01/2010	22/01/2012	Working
395	Anaesthesiology-RICU	Syringe Pump	Neuron BioMed	SP 102	L & T	2Y	23/01/2010	22/01/2012	Working
396	Anaesthesiology-RICu	Syringe Pump	Neuron BioMed	SP 102	L & T	2Y	23/01/2010	22/01/2012	Working
397	Anaesthesiology-RICU	Syringe Pump	Neuron BioMed	SP 102	L & T	2Y	23/01/2010	22/01/2012	Working
398	Anaesthesiology-RICu	Syringe Pump	Neuron BioMed	SP 102	L & T	2Y	23/01/2010	22/01/2012	Working
399	Anaesthesiology	Vigileo monitor	Edwards life sciences	vigileo	Medical bionic	5Y	06-06-2013	06-05-2018	Working
400	Anaesthesiology	Syringe Pump	Fresenius	Injectomat/Agilia	Medi	5Y	19/03/09	18/03/14	Working
401	Anaesthesiology	Syringe Pump	Fresenius	Injectomat/Agilia	Medi	5Y	19/03/09	18/03/14	Working
402	Anaesthesiology	Syringe Pump	Fresenius	Injectomat/Agilia	Medi	5Y	19/03/09	18/03/14	Working
403	Anaesthesiology	Syringe Pump	Fresenius	Injectomat/Agilia	Medi	5Y	19/03/09	18/03/14	Working
404	Anaesthesiology	Syringe Pump	Fresenius	Injectomat/Agilia	Medi	5Y	19/03/09	18/03/14	Working
405	Anaesthesiology	Syringe Pump	Fresenius	Injectomat/Agilia	Medi	5Y	19/03/09	18/03/14	Working
406	Anaesthesiology	Syringe Pump	Fresenius	Injectomat/Agilia	Medi	5Y	19/03/09	18/03/14	Working
407	Anaesthesiology	Syringe Pump	Fresenius	Injectomat/Agilia	Medi	5Y	19/03/09	18/03/14	Working
408	Anaesthesiology	Syringe Pump	Fresenius	Injectomat/Agilia	Medi	5Y	19/03/09	18/03/14	Working

409	Anaesthesiology	Syringe Pump	Fresenius	Injectomat/Agilia	Medi	5Y	19/03/09	18/03/14	Working
410	Anaesthesiology	Multi Para Monitor	Philips	MP 60	Philips	3Y	29/10/08	28/10/11	Working
411	Anaesthesiology	Multi Para Monitor	Philips	MP60	Philips	3Y	29/10/08	28/10/11	Working
412	Anaesthesiology	Multi Para Monitor	Philips	MP 60	Philips	3Y	29/10/08	28/10/11	Working
413	Anaesthesiology	Multi Para Monitor	Philips	MP 60	Philips	3Y	29/10/08	28/10/11	Working
414	Anaesthesiology	Multi Para Monitor	Philips	MP 60	Philips	3Y	29/10/08	28/10/11	Working
415	Anaesthesiology	Multi Para Monitor	Philips	MP 60	Philips	3Y	29/10/08	28/10/11	Working
416	Anaesthesiology	Multi Para Monitor	Philips	MP60	Philips	3Y	29/10/08	28/10/11	Working
417	Anaesthesiology	Multi Para Monitor	Philips	MP 60	Philips	3Y	29/10/08	28/10/11	Working
418	Anaesthesiology	Multi Para Monitor	Philips	MP 60	Philips	3Y	29/10/08	28/10/11	Working
419	Anaesthesiology	Multi Para Monitor	Philips	MP 60	Philips	3Y	29/10/08	28/10/11	Working
420	Anaesthesiology	Multi Para Monitor	Philips	X2 MMS	Philips	3Y	29/10/08	28/10/11	Working
421	Anaesthesiology	Multi Para Monitor	Philips	X2 MMS	Philips	3Y	29/10/08	28/10/11	Working
422	Anaesthesiology	Multi Para Monitor	Philips	X2 MMS	Philips	3Y	29/10/08	28/10/11	Working
423	Anaesthesiology	Multi Para Monitor	Philips	X2 MMS	Philips	3Y	29/10/08	28/10/11	Working
424	Anaesthesiology	Multi Para Monitor	Philips	X2 MMS	Philips	3Y	29/10/08	28/10/11	Working
425	Anaesthesiology-RICU	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2y	02-04-2010	02-03-2012	Working
426	Anaesthesiology-RICU	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2y	02-04-2010	02-03-2012	Working
427	Anaesthesiology-RICU	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2y	02-04-2010	02-03-2012	Working
428	Anaesthesiology-RICU	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2y	02-04-2010	02-03-2012	Working
429	Anaesthesiology-RICU	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2y	02-04-2010	02-03-2012	Working
430	Anaesthesiology-RICU	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2y	02-04-2010	02-03-2012	Working
431	Anaesthesiology-RICU	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2y	02-04-2010	02-03-2012	Working
432	Anaesthesiology-	Multi Para	Mindray	Beneview T8	Instromedic	2y	02-04-2010	02-03-2012	Working

	RICU	Monitor							
433	Anaesthesiology- RICU	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2y	02-04-2010	02-03-2012	Working
434	Anaesthesiology- RICU	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2y	02-04-2010	02-03-2012	Working
435	Anaesthesiology- RICU	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2y	02-04-2010	02-03-2012	Working
436	Anaesthesiology- RICU	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2y	02-04-2010	02-03-2012	Working
437	Anaesthesiology- RICU	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2y	02-04-2010	02-03-2012	Working
438	Anaesthesiology- RICU	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2y	02-04-2010	02-03-2012	Working
439	Anaesthesiology- RICU	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2y	02-04-2010	02-03-2012	Working
440	Anaesthesiology- RICU	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2y	02-04-2010	02-03-2012	Working
441	Anaesthesiology- RICU	Blood Gas Analyzer	RadioMeter	ABL 800	JK Medical		28/06/2016		Working
442	Anaesthesiology- RICU	Defibrillator	Philips	Heartstart XL	Philips				Working
443	Anaesthesiology	Flexible Intubating Video Endoscope	Karl-Storz		Medifocus (I)	5 Y	26-12-2017	25-12-2022	Working
444	Anaesthesiology	Ana Work Station	Drager	Fabius C	Drager india	3y			
445	CT SURGERY OT	Heart Lung Machine	Sarns	System 8000 pumps	J.Mitra	3Y	18/01/93	17/01/96	Working
446	CT SURGERY OT	Heart Lung Machine	Maquet	HL 20	Olympus	3y	18/04/2007	17/04/2010	Working
		Heater Cooler Unit	Maquet	HUC 30	Olympus				Working
447	CT SURGERY OT	Heart Lung Machine	Maquet	HL 20	Maquet India	5y	20/01/2016	19/01/2021	Working
		Heater Cooler Unit	Maquet	HCU 40					Working
448	CT SURGERY OT	Heater Cooler Unit	Sorin	HCU 3T	ARCOM	5Y	01-08-2016	01-07-2021	Working
449	CT SURGERY OT	Heater Cooler Unit	Sorin	HCU 3T	ARCOM	5Y	01-08-2016	01-07-2021	Working
450	CT SURGERY OT	OT Light	Martin	V16 + V 10	Vishal	3Y	26/06/09	25/06/11	Working
451	CT SURGERY OT	OT Light	Martin	V16 + V 10	Vishal	3Y	26/06/09	25/06/11	Working
452	CT SURGERY OT	OT Light	Martin	V16 + V 10	Vishal	5Y	21/09/12	20/09/17	Working

453	CT SURGERY OT	OT Table	Takeuchi	TS-103	Vishal	3Y	10-10-2006	10-09-2009	Working
454	CT SURGERY OT	OT Table	Takeuchi	TS-103	Vishal	3Y	11-10-2006	09-10-2009	Working
455	CT SURGERY OT	OT Table	Mizuho	5100	Moola Tools	3Y			
456	CT SURGERY OT	Surgical Diathermy	Valley Lab	Force RX	Asian	3Y	14/11/07	13/11/10	Working
457	CT SURGERY OT	Surgical Diathermy	Valley Lab	Force RX	Asian	3Y	04-10-2008	04-09-2011	Working
458	CT SURGERY OT	Surgical Diathermy	Alsa	EXCEL 350 MCD	Advanced Med	3Y	02-04-2005	02-03-2008	Working
459	CT SURGERY OT	Electro Surgical Diathermy	Div Labs	Trinity-QRF	Div Labs	2Y	25/05/2012	24/05/2014	Working
460	CT SURGERY OT	Electro Surgical Diathermy	Div Labs	Trinity-QRF	Div Labs	2Y	25/05/2012	24/05/2014	Working
461	CT SURGERY OT	ACT Macine	Meditronics	ACT 200	medtronic india	1Y	15/12/2015	14/12/2016	Working
462	CT SURGERY OT	Brahco Scope	Pentex	EB-1975K	Sisco	5 Y	25.04.2018	24.05.2023	Working
463	CT SURGERY OT	IABP	Datacope	CS100	Advanced Micronic	3y	06-01-2007	05-01-2010	Working
464	CT SURGERY OT	IABP	Datacope	CS300	Advanced Micronic	5y	28/06/2013	27/06/2018	Working
465	CT SURGERY OT	Stenum Saw-Manman	Sisco		Sisco	1y	01-07-2005	05-06-2006	Working
466	CT SURGERY OT	Defibrillator	Mindray	BeneHeart D3	Green Apple	5Y	30/12/2015	29/12/2020	Working
467	CT SURGERY OT	Defibrillator	Philips	HeartStart XL	Philips				Not Working
468	CT SURGERY OT	Stenum Saw-Manman	Sisco		Sisco	1y	14/02/17	13/02/18	Working
469	CT SURGERY OT	Resternotomy-Redo-Saw	Sisco		Sisco	1Y	14/02/17	13/02/18	Working
470	CT SURGERY OT	Resternotomy-Redo-Saw	Sisco		Sisco	1Y	14/02/17	13/02/18	Working
471	CT SURGERY OT	Harmonic Scapel	J&J	Gen 11	J&J india	1Y	11-10-2017	11-09-2018	Working
472	CT Surgery RR	Patient Monitor	Philips	MP 20	Philips	3Y	14/07/05	13/07/08	Working
473	CT Surgery RR	Patient Monitor	Philips	MP20	Philips	3Y	14/07/05	13/07/08	Working
474	CT Surgery RR	Patient Monitor	Philips	MP 20	Philips	3Y	14/07/05	13/07/08	Working
475	CT Surgery RR	Patient Monitor	Philips	MP 20	Philips	3Y	14/07/05	13/07/08	Working
476	CT Surgery RR	Patient Monitor	Philips	MP 20	Philips	3Y	14/07/05	13/07/08	Working
477	CT Surgery RR	Patient Monitor	Philips	MP 20	Philips	3Y	14/07/05	13/07/08	Working
478	CT Surgery RR	Patient Monitor	Philips	MP 20	Philips	3Y	14/07/05	13/07/08	Working

479	CT Surgery RR	Patient Monitor	Philips	MP 60	Philips	3Y	29/10/08	28/10/11	Working
480	CT Surgery RR	Patient Monitor	Philips	MP 60	Philips	3Y	29/10/08	28/10/11	Working
481	CT Surgery RR	Patient Monitor	Philips	MP 60	Philips	3Y	29/10/08	28/10/11	Working
482	CT Surgery RR	Patient Monitor	Philips	MP 60	Philips	3Y	29/10/08	28/10/11	Working
483	CT Surgery RR	Patient Monitor	Philips	MP 60	Philips	3Y	29/10/08	28/10/11	Working
484	CT Surgery RR	Patient Monitor	Philips	MP 60	Philips	3Y	29/10/08	28/10/11	Working
485	CT Surgery RR	Patient Monitor	Philips	MP60	Philips	3Y	29/10/08	28/10/11	Working
486	CT Surgery RR	Patient Monitor	Philips	MP 60	Philips	3Y	29/10/08	28/10/11	Working
487	CT Surgery RR	Patient Monitor	Philips	MP 60	Philips	3Y	29/10/08	28/10/11	Working
488	CT Surgery RR	Patient Monitor	Philips	MP 60	Philips	3Y	29/10/08	28/10/11	Working
489	CT Surgery RR	Patient Monitor	Philips	MP 60	Philips	3Y	29/10/08	28/10/11	Working
490	CT Surgery RR	ECG Recorder	BioNet	Cardio 7	Vijetha	1Y	01-09-2014	31/8/2015	Working
491	CT Surgery RR	Syringe Pump	Organge	Flow Prima	Organge Medical	2Y	23/05/13	22/05/15	Working
492	CT Surgery RR	Syringe Pump	Organge	Flow Prima	Organge Medical	2Y	23/05/13	22/05/15	Working
493	CT Surgery RR	Syringe Pump	Organge	Flow Prima	Organge Medical	2Y	23/05/13	22/05/15	Working
494	CT Surgery RR	Syringe Pump	Organge	Flow Prima	Organge Medical	2Y	23/05/13	22/05/15	Working
495	CT Surgery RR	Syringe Pump	Organge	Flow Prima	Organge Medical	2Y	23/05/13	22/05/15	Working
496	CT Surgery RR	Syringe Pump	Organge	Flow Prima	Organge Medical	2Y	23/05/13	22/05/15	Working
497	CT Surgery RR	Syringe Pump	Organge	Flow Prima	Organge Medical	2Y	23/05/13	22/05/15	Working
498	CT Surgery RR	Syringe Pump	Organge	Flow Prima	Organge Medical	2Y	23/05/13	22/05/15	Working
499	CT Surgery RR	Syringe Pump	Organge	Flow Prima	Organge Medical	2Y	23/05/13	22/05/15	Working
500	CT Surgery RR	Syringe Pump	Organge	Flow Prima	Organge Medical	2Y	23/05/13	22/05/15	Working
501	CT Surgery RR	Syringe Pump	Organge	Flow Prima	Organge Medical	2Y	03-09-2013	02-09-2015	Working
502	CT Surgery RR	Syringe Pump	Organge	Flow Prima	Organge Medical	2Y	03-09-2013	02-09-2015	Working
503	CT Surgery RR	Syringe Pump	Organge	Flow Prima	Organge Medical	2Y	03-09-2013	02-09-2015	Working
504	CT Surgery RR	Syringe Pump	Organge	Flow Prima	Organge Medical	2Y	03-09-2013	02-09-2015	Working
505	CT Surgery RR	Syringe Pump	Organge	Flow Prima	Organge Medical	2Y	03-09-2013	02-09-2015	Working
506	CT Surgery RR	Syringe Pump	Organge	Flow Prima	Organge Medical	2Y	03-09-2013	02-09-2015	Working
507	CT Surgery RR	Syringe Pump	Organge	Flow Prima	Organge Medical	2Y	03-09-2013	02-09-2015	Working

508	CT Surgery RR	Syringe Pump	Organge	Flow Prima	Organge Medical	2Y	03-09-2013	02-09-2015	Working
509	CT Surgery RR	Syringe Pump	Organge	Flow Prima	Organge Medical	2Y	03-09-2013	02-09-2015	Working
510	CT Surgery RR	Syringe Pump	Organge	Flow Prima	Organge Medical	2Y	03-09-2013	02-09-2015	Working
511	CT Surgery RR	Defibrillator	Mindray	BeneHeart D3	Green Apple	5Y	30/12/2015	29/12/2020	Working
512	CT Surgery RR	Syringe Pump	Fresenius	Injectomat	Mitie	5Y	04-07-2009	04-06-2014	Working
513	CT Surgery RR	Syringe Pump	Fresenius	Injectomat	Mitie	5Y	04-07-2009	04-06-2014	Working
514	CT Surgery RR	Syringe Pump	Fresenius	Injectomat	Mitie	5Y	04-07-2009	04-06-2014	Working
515	CT Surgery RR	Syringe Pump	Fresenius	Injectomat	Mitie	5Y	04-07-2009	04-06-2014	Working
516	CT Surgery RR	Syringe Pump	Fresenius	Injectomat	Mitie	5Y	04-07-2009	04-06-2014	Working
517	CT Surgery RR	Syringe Pump	Fresenius	Injectomat	Mitie	5Y	04-07-2009	04-06-2014	Working
518	CT Surgery RR	Syringe Pump	Fresenius	Injectomat	Mitie	5Y	04-07-2009	04-06-2014	Working
519	CT Surgery RR	Syringe Pump	Fresenius	Injectomat	Mitie	5Y	04-07-2009	04-06-2014	Working
520	CT Surgery RR	Syringe Pump	Fresenius	Injectomat	Mitie	5Y	04-07-2009	04-06-2014	Working
521	CT Surgery RR	Syringe Pump	Fresenius	Injectomat	Mitie	5Y	04-07-2009	04-06-2014	Working
522	CT Surgery RR	Syringe Pump	Fresenius	Injectomat	Mitie	5Y	04-07-2009	04-06-2014	Working
523	CT Surgery RR	Syringe Pump	Fresenius	Injectomat	Mitie	5Y	04-07-2009	04-06-2014	Working
524	CT Surgery RR	Blood Gas Analyzer	RadioMeter	Abl 800	JK Medical		28/06/2016		Working
525	CT ICU	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2y	02-04-2010	02-03-2012	Working
526	CT ICU	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2y	02-04-2010	02-03-2012	Working
527	CT ICU	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2y	02-04-2010	02-03-2012	Working
528	CT ICU	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2y	02-04-2010	02-03-2012	Working
529	CT ICU	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2y	02-04-2010	02-03-2012	Working
530	CTPOW	ICU Ventilator	Tecme	Graphnet	Meditronic	2Y	11-01-2011	31/10/2013	Working
531	CTPOW	ICU Ventilator	Tecme	Graphnet	Meditronic	2Y	11-01-2011	31/10/2013	Working
532	CTPOW	Defibrillator	Philips	MRX	US00537833	2Y	28/04/10	27/04/12	Working
533	CTPOW	Syringe Pump	Fresenius	Injectomat	Mitie	5Y	04-07-2009	04-06-2014	Working
534	CTPOW	Syringe Pump	Fresenius	Injectomat	Mitie	5Y	04-07-2009	04-06-2014	Working

535	CTPOW	Syringe Pump	Fresenius	Injectomat	Mitie	5Y	04-07-2009	04-06-2014	Working
536	CTPOW	Pulse Oximeter	MediAid	900P	Micronic	2Y	23/01/2010	22/01/2012	Working
537	CTPOW	Pulse Oximeter	MediAid	900p	Micronic	2Y	23/01/2010	22/01/2012	Working
538	CTPOW	Syringe Pump	Baxter	Sep-105					Working
539	GE Extn/Lung OT	OT Light	Martin	V16 + V 10	Vishal	5Y	21/09/12	20/09/17	Working
540	GE Extn/Lung OT	OT Table	Trident	7000SB-Dr.Mac	Bet Medical	2Y	27/08/13	26/08/15	Working
541	GE Extn/Lung OT	Surgical Diathermy	Erbe	vio 300D	Trivitron	3Y	07-01-2013	31/6/2015	Working
542	UROLOGY OT	OT Light	Martin	V16 + V 10	Vishal	3y	26/06/09	25/06/12	Working
543	UROLOGY OT	OT Light	Martin	V16 + V 10	Vishal	3y	26/06/09	25/06/12	Working
544	UROLOGY OT	OT Light	Martin	V16 + V 10	Vishal	5Y	21/09/12	20/09/17	Working
545	UROLOGY OT	OT Table	Trident	7000SB-Dr.Mac	Bet Medical	2Y	27/08/13	26/08/15	Working
546	UROLOGY OT	OT Table	Trident	7000SB-Dr.Mac	Bet Medical	2Y	27/08/13	26/08/15	Working
547	UROLOGY OT	OT Table	Dr.Max	7000SKBD	Bet Medical	5Y	22/03/2017	21/03/2022	Working
548	UROLOGY OT	Surgical Diathermy	Alsa	Excel 350 MCD	Advanced Medical	3Y	01-05-2009	01-04-2012	Working
549	UROLOGY OT	Surgical Diathermy	Aesculap/B.Braun	GN300	Sisco	3Y			Working
550	UROLOGY OT	Surgical Diathermy	Martin	ME411	Visdhal	3y			Working
551	UROLOGY OT	Mobile C-ARM	Siemens	Compact II	Siemens	1Y	31/08/12	30/08/13	Working
552	UROLOGY OT	3 Chip Camera system	Stykar		Indian Orthocare	3Y	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
553	UROLOGY OT	3 Chip camera with light source,processor & Monitor	Karl Storz	Image-1 H3-Z	Vishal	3Y	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
554	UROLOGY OT	3 Chip camera with light source, processor&Monitor	Aesculap/B.Braun	PV460,PV462 & OP932	Global Life care	2Y	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
	14.7	Multi Flow Plus		PG 145					Working
555	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
	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
556	UROLOGY OT	Lithocast Master	EMS Medical		Health Ware	5Y	01-12-2011	01-11-2016	Working
557	UROLOGY OT	Endo Cold Light	Karl Storz	4878	Vishal	3Y	26/02/93	25/02/96	Working
558	UROLOGY OT	Argon Plasma coagulation	ERBE	ERBE VIO300D	Colloq	5Y	29/01/2016	28/01/2021	Working
559	UROLOGY OT	Ultra Sound Scanner	BK	Flex Focus 800	Healthware	5Y	29/06/16	28/06/21	Working
560	UROLOGY OT	Laser System	Sphinx	SPHNIX Junior	Healthware	5Y	08-04-2016	08-03-2021	Working
561	UROLOGY OT	Lower Track Endoscope Set Adult	Karl Storz, Germany		Vishal Surgical	5 Y	23.02.2018	22.02.2019	Working
562	Urology RR	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2y	02-04-2010	02-03-2012	Working
563	Urology RR	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2y	02-04-2010	02-03-2012	Working

564	Urology RR	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2y	02-04-2010	02-03-2012	Working
565	Urology RR	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2y	02-04-2010	02-03-2012	Working
566	Urology RR	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2y	02-04-2010	02-03-2012	Working
567	Urology RR	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2y	02-04-2010	02-03-2012	Working
568	Urology RR	ICU Ventilator	Tecme	Graphnet	Meditronic	2Y	11-01-2011	31/10/2013	Working
569	Urology RR	ICU Ventilator	Tecme	Graphnet	Meditronic	2Y	11-01-2011	31/10/2013	Working
570	Urology RR	ICU Ventilator	Tecme	Graphnet	Meditronic	2Y	11-01-2011	31/10/2013	Working
571	Urology RR	ICU Ventilator	Tecme	Graphnet	Meditronic	2Y	12-01-2011	31/10/2013	Working
572	Urology RR	Syringe Pump	Orange Medical	Prima	Orange Medical	2Y	18/05/2012	17/05/2014	Working
573	Urology RR	Syringe Pump	Orange Medical	Prima	Orange Medical	2Y	18/05/2012	17/05/2014	Working
574	Urology RR	Syringe Pump	Plenum Tech Pvt Ltd	Zion +	Plenum Tech	3Y			Working
575	Urology RR	Syringe Pump	Plenum Tech Pvt Ltd	Zion +	Plenum Tech	3Y			Working
576	Urology RR	Pulse Oximeter	MediAid	900P	Micronic	2Y	23/01/2010	22/01/2012	Working
577	Urology RR	Pulse Oximeter	MediAid	900P	Micronic	2Y	23/01/2011	22/01/2013	Working
578	Urology RR	Pulse Oximeter	MediAid	900P	Micronic	2Y	23/01/2013	22/01/2015	Working
579	Urology RR	Pulse Oximeter	MediAid	900P	Micronic	2Y	23/01/2012	22/01/2014	Working
580	UROLOGY ward	Uro flowmetry- OPD	Status Medical		Status	1Y	16/08/2017	15/08/2018	Working
581	UROLOGY ward	Uro flowmetry - Ward	Dan	danflow 3000	Jai medics	2Y	23/05/2012	22/05/2014	Working
582	UROLOGY ward	Urodynamic System	Laborie, Canada	Doroto KT	kailesh	2Y	24/2/2014	23/2/2016	Working
583	UROLOGY ward	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2y	02-04-2010	02-03-2012	Working
584	UROLOGY ward	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2y	02-04-2010	02-03-2012	Working
585	UROLOGY ward	Syringe Pump	Baxter	SEP-105					Working
586	UROLOGY ward	Pulse Oximeter	MediAid		Micronic	2Y	23/01/2012	22/01/2014	Working
587	Urology	Multi Para Monitor	Mindray	UMEC 12	Green apple	5Y	06-07-2018	06-06-2023	Working
588	Urology	ESWL	Medispec	Econolith E2000	Urology Stone		20/07/18	Reagent Rental	Working
589	Neuro Surgery OT	OT Light	Martin	V16 + V 10	Vishal	3Y	26/06/09	25/06/12	Working

590	Neuro Surgery OT	OT Light	Martin	V16 + V 10	Vishal	3Y	26/06/09	25/06/12	Working
591	Neuro Surgery OT	Surgical Diathermy	Alsa	Excel 350 MCD	Advanced Medical	5Y	2000	2005	Working
592	Neuro Surgery OT	Surgical Diathermy	Alsa	Excel 350 MCD	Advanced Medical	5Y	17/05/06	16/05/11	Working
593	Neuro Surgery OT	OT Table	Mizaho	EM 5501	Moola Tools	3Y	18/04/93	17/04/96	Working
594	Neuro Surgery OT	OT Table	Berchtold	D850	Venus	5Y	23/01/2013	22/01/2018	Working
595	Neuro Surgery OT	OT Table	Trident	7000SB-Dr.Mac	Bet Medical	2Y	19/08/2013	18/08/2015	Working
596	Neuro Surgery OT	Mobile C-ARM	Siemens	Compact II	Siemens	1Y	31/08/2012	30/08/2013	Working
597	Neuro Surgery OT	High Speed Drill	Stryker	Electrc Drill	Indian ortho	5Y	2010	2015	Working
598	Neuro Surgery OT	Operating Microscope	Carl Zeiss	DXC 107AP	Toshnival	3Y	26/02/93	26/02/96	Working
599	Neuro Surgery OT	Operating Microscope	Leica	M720, OH5	Leica India	5Y	13/5/2015	05-12-2020	Working
600	Neuro Surgery OT	Fibre Optic Light Source	Cuda	M2150	Sisco	3Y	26/02/93	25/02/96	Working
601	Neuro Surgery OT	Neuro Endo System	Karl Storz		Vishal	3Y	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					
602	Neuro Surgery OT	cusa System	Stryker	Cusa	Strykar	3Y	01-11-2016	01-10-2019	Working
603	Neuro Surgery OT	Power drill	medtronics	MidasRerx	SS associate	1Y	28/07/2012	27/07/2013	Working
604	Neuro Surgery OT	Ultra Sonic Bone Scalpal	Misonic	Bone Scalpal	Annulus	5Y	27/06/2016	26/06/2021	Working
605	Neuro Surgery OT	Intra Operative Neuro Monitor	medtronics	NIM ECLIPSE	SS associate	5Y	20/12/16	19-12-2021	Working
606	Neuro Surgery RR	Multi Para Monitor	Miindray	Beneview T8	Instromedic	2y	02-04-2010	02-03-2012	Working
607	Neuro Surgery RR	Multi Para Monitor	Miindray	Beneview T8	Instromedic	2y	02-04-2010	02-03-2012	Working
608	Neuro Surgery RR	Multi Para Monitor	Miindray	Beneview T8	Instromedic	2y	02-04-2010	02-03-2012	Working
609	Neuro Surgery RR	Multi Para Monitor	Miindray	Beneview T8	Instromedic	2y	02-04-2010	02-03-2012	Working
610	Neuro Surgery RR	Multi Para Monitor	Miindray	Beneview T8	Instromedic	2y	02-04-2010	02-03-2012	Working
611	Neuro Surgery RR	Syringe Pump	Neuron BioMed	SP 102	L & T	2Y	02-01-2010	31/1/2012	Working

612	Neuro Surgery RR	Syringe Pump	Neuron BioMed	SP 102	L & T	2Y	02-01-2010	31/1/2012	Working
613	Neuro Surgery RR	ICU Ventilator	GE Datex	Engstrom	GE Datex India	2y	30/11/2009	29/11/2011	Working
614	Neuro Surgery RR	Debifrillator	Medtronics	LifePak	Instromedix	2Y	21/09/12	20/09/14	Working
615	Neuro Surgery RR	Syringe Pump	Fresenius	Injectomat/Agilia	Medi	5Y	19/03/09	18/03/14	Working
616	Neuro Surgery RR	Syringe Pump	Fresenius	Injectomat/Agilia	Medi	5Y	19/03/09	18/03/14	Working
617	Neuro Surgery RR	Syringe Pump	Fresenius	Injectomat/Agilia	Medi	5Y	19/03/09	18/03/14	Working
618	Neuro Surgery ward	ICU Ventilator	Tecme	Graphnet	Meditronic	2Y	10-01-2011	31/09/2013	Working
619	Neuro Surgery ward	ICU Ventilator	Tecme	Graphnet	Meditronic	2Y	10-01-2011	31/09/2013	Working
620	Neuro Surgery ward	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2y	02-04-2010	02-03-2012	Working
621	Neuro Surgery ward	Pulse Oximeter	MediAid	900P	Micronic	2Y	23/01/2010	22/01/2012	Working
622	Neuro Surgery ward	Pulse Oximeter	MediAid	900P	Micronic	2Y	23/01/2010	22/01/2012	Working
623	Neuro Surgery ward	Pulse Oximeter	MediAid	900P	Micronic	2Y	23/01/2010	22/01/2012	Working
624	Neuro Surgery ward	Pulse Oximeter	MediAid	900P	Micronic	2Y	23/01/2010	22/01/2012	Working
625	Neuro Surgery ward	Syringe Pump	Baxter	Aitecs		3Y	10-12-2006	10-11-2009	Working
626	Neuro Surgery ward	Syringe Pump	Baxter	Aitecs		3Y	10-12-2006	10-11-2009	Working
627	Neuro Surgery ward	Syringe Pump	Baxter	Aitecs		3Y	10-12-2006	10-11-2009	Working
628	Neuro SurgeryOT	C-Arm	Allenger	HF-49		2Y			Working
629	GE OT	OT Light	BenQ	Trilite LS810-750	Bet Medical	5Y	18/0/2017.	17/0/2022	Working
630	GE OT	OT Table	Trident	7000SB-Dr.Mac	Bet Medical	2Y	27/08/13	256/08/15	Working
631	GE OT	Surgical Diathermy	Alsa	Excel 350 MCDX	Advanced	3Y	01-05-2009	01-04-2012	working
632	GE OT	Endo Light Source	Karl Storz	Xenon 175	Vishal	3Y	1992	1995	Working
633	GE OT	Endoflator-Electronic	Karl Storz	264305 20	Vishal	3Y	1993		Working
634	6	Laprascope system							
	6.1	single Chip camera	Karl Storz			3y			
	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					
635	GE OT	Laproscope SYSTEM	Strykar	Hi Di 3 Chip	Indian orthocare	5Y	27/01/2009	26/01/2014	Working
	7A	3 Chip camera	Strykar	1088iHD					
	7B	Camera console	Strykar	1088iHD					
	7C	Light Source	Strykar	X8000					
	7D	Insufflator	Strykar	40L					
	7E	Monitotr	Strykar	Vision Elect HDTV					
636	GE OT	Harmonic Scapel	J&J	Gen 3	J&J india	3Y	04-05-2003	04-04-2006	Working
637	GE OT	Vessal Sealing System	ERBE	ERBE VIO 300D	Colloq	5Y	29/01/2016	28/01/2021	Working
638	GE OT	Argon Plasma Coagulation	EMED	ES 350	Indian Orthiocare	5y	25/07/2016	24/07/2021	Working
639	GE OT	Laproscope system	Olympus		Healthware	5Y	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				
640	GERR	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2y	02-04-2010	02-03-2012	Working
641	GERR	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2y	02-04-2010	02-03-2012	Working
642	GERR	Multi Para Monitor	Philips	MP 20	Philips	3Y			Working
643	GERR	Multi Para Monitor	Philips	MP 20	Philips	3Y			Working
644	GERR	Multi Para Monitor	Philips	MP 20	Philips	3Y			Working
645	GE ICU	Multi Para Monitor	Mindray	Beneview T8	Instromedic		02-04-2010	02-03-2012	Working
646	GE ICU	Multi Para Monitor	Mindray	Beneview T8	Instromedic		02-04-2010	02-03-2012	Working
647	GE ICU	Multi Para Monitor	Mindray	Beneview T8	Instromedic		02-04-2010	02-03-2012	Working
648	GE ICU	Multi Para	Mindray	Beneview T8	Instromedic	2y	02-04-2010	02-03-2012	Working

		Monitor							
649	GE ICU	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2y	02-04-2010	02-03-2012	Working
650	GE Ward	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2y	02-04-2010	02-03-2012	Working
651	GE Ward	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2y	02-04-2010	02-03-2012	Working
652	GE Ward	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2y	02-04-2010	02-03-2012	Working
653	GERR	ICU Ventilator	GE Datex	Engstrom	GE Datex India	2y	30/11/2009	29/11/2011	Working
654	GERR	ICU Ventilator	GE Datex	Engstrom	GE Datex India	2y	30/11/2009	29/11/2011	Working
655	GERR	ICU Ventilator	GE Datex	Engstrom	GE Datex India	2y	30/11/2009	29/11/2011	Working
656	GERR	ICU Ventilator	GE Datex	Engstrom	GE Datex India	2y	30/11/2009	29/11/2011	Working
657	GERR	ICU Ventilator	GE Datex	Engstrom	GE Datex India	2y	30/11/2009	29/11/2011	Working
658	GERR	ICU Ventilator	GE Datex	Engstrom	GE Datex India	2y	30/11/2009	29/11/2011	Working
659	GERR	Syringe Pump	Organge	Flow Prima	Organge Medical	2y	23/05/13	22/05/15	Working
660	GERR	Syringe Pump	Organge	Flow Prima	Organge Medical	2y	23/05/13	22/05/15	Working
661	GERR	Syringe Pump	Organge	Flow Prima	Organge Medical	2y	23/05/13	22/05/15	Working
662	GERR	Syringe Pump	Organge	Flow Prima	Organge Medical	2Y	23/05/13	22/05/15	Working
663	GERR	Syringe Pump	Organge	Flow Prima	Organge Medical	2Y	23/05/13	22/05/15	Working
664	GERR	Syringe Pump	Plenum Tech Pvt Ltd	Zion +	Plenum Tech	2Y	15/06/2016	14/06/2019	Working
665	GERR	Syringe Pump	Plenum Tech Pvt Ltd	Zion +	Plenum Tech	2Y	15/06/2016	14/06/2019	Working
666	GERR	Syringe Pump	Plenum Tech Pvt Ltd	Zion +	Plenum Tech	2Y	15/06/2016	14/06/2019	Working
667	GERR	Syringe Pump	Plenum Tech Pvt Ltd	Zion +	Plenum Tech	3Y	15/06/2016	14/06/2019	Working
668	GERR	Syringe Pump	Plenum Tech Pvt Ltd	Zion +	Plenum Tech	2Y	15/06/2016	14/06/2018	Working
669	GERR	Defibrillator	Mindray	BeneHeart D3	Green Apple	2Y	18/07/2016	17/07/2018	Working
670	GERR	Syringe Pump	Fresenius	Injectomat/Agilia	Midi	3Y	19/03/09	18/03/14	Working
671	GERR	Syringe Pump	Fresenius	Injectomat/Agilia	Medi	3Y	19/03/09	18/03/14	Working
672	GERR	Syringe Pump	Fresenius	Injectomat/Agilia	Medi	5Y	19/03/09	18/03/14	Working
673	GERR	Syringe Pump	Fresenius	Injectomat/Agilia	Medi	5Y	19/03/09	18/03/14	Working
674	GE RR Extention	Patient Monitor	Philips	MP 60	Philips	5Y	29/10/08	28/10/11	Working

675	GE RR Extention	Patient Monitor	Philips	MP 60	Philips	5Y	29/10/08	28/10/11	Working
676	GE RR Extention	Patient Monitor	Philips	MP 60	Philips	5Y	29/10/08	28/10/11	Working
677	GE RR Extention	Patient Monitor	Philips	MP60	Philips	3Y	29/10/08	28/10/11	Working
678	GE RR Extention	Patient Monitor	Philips	MP 60	Philips	3Y	29/10/08	28/10/11	Working
679	GE RR Extention	Patient Monitor	Philips	MP 60	Philips	3Y	29/10/08	28/10/11	Working
680	GE RR Extention	Patient Monitor	Philips	MP 60	Philips	3Y	29/10/08	28/10/11	Working
681	GE RR Extention	Patient Monitor	Philips	MP 60	Philips	3Y	29/10/08	28/10/11	Working
682	Gastro Enterology Endoscope	Processer & Light Source	Fujinon		Wipro	2Y	01-05-2001	01-04-2003	Working
		Monitor	Sony	Trinitron					
		Light Source	Fujinon	EPX 201					
683	Gastro Enterology Endoscope	Endoscopy System - (Endoscope-2 Nos, Light Source & Video Processor, Monitor-3 Nos, Imaging System, UPS and trolley)	Fujinon		RFCL	3y	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							
684	Gastro Enterology Endoscope	Endoscopy System	Olympus		Rs 29,90,264	3Y	23/09/2015	22/09/2018	Working
		Gastr oScope	Olympus	GIF-Q150					Working
		ColonoScope	Olympus	CF-Q150L					Working
		Duodenovideosc ope	Olympus	TJF-150					Working
		Processer & Light Source	Olympus	CV-150					Working
		Color Monitor	Eizo	LCD					Working

		(Olympu Endoscope-3 Nos,(GIF- Q150,CF- Q150L,TJF-150), Light Source & Video Processor, Monitor, Imaging System & trolley								
685	Gastro Enterology Endoscope	Paediatric Video GastroScope	Olympus	GIF-XP150N	Healthware	5Y	22/06/2016	21/06/2021	Working	
686	Gastro Enterology Endoscope	Choledochoscop e	Olympus	CHF TYPE V	Healthware	5Y	09-01-2016	31/8/2021	Working	
687	SORR	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2y	02-04-2010	02-03-2012	Working	
688	SORR	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2y	02-04-2010	02-03-2012	Working	
689	SORR	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2y	02-04-2010	02-03-2012	Working	
690	SORR	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2y	02-04-2010	02-03-2012	Working	
691	SO Ward	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2y	02-04-2010	02-03-2012	Working	
692	SO ward	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2y	02-04-2010	02-03-2012	Working	
693	SORR	ICU Ventilator	GE Datex Ohmeda	Engstrom	GE Datex Ohmeda	2Y	26/12/09	25/12/2011	Working	
694	SORR	ICU Ventilator	Tecme	Graphnet	Meditronic	2Y	11-01-2011	31/10/2013	Working	
695	SORR	ICU Ventilator	Tecme	Graphnet	Meditronic	2Y	11-01-2011	31/10/2013	Working	
696	SORR	ICU Ventilator	Siemens	Servo 300	maquet	5Y	27-05-2009	27-04-2014	working	
697	SORR	Defibrillator	Mindray	BeneHeart D3	Green Apple	5Y	18/07/2016	17/07/2021	Working	
698	SORR	Syringe Pump	Fresenius	Injectomat/Agilia	Midi	5Y	19/03/09	18/03/14	Working	
699	SORR	Syringe Pump	Fresenius	Injectomat/Agilia	Medi	5Y	19/03/09	18/03/14	Working	
700	SORR	Syringe Pump	Fresenius	Injectomat/Agilia	Medi	5Y	19/03/09	18/03/14	Working	
701	SO OT	OT Table	Trident	7000SB-Dr.Mac	Bet Medical	2Y	27/08/13	26/08/15	Working	
702	SO OT	OT Table	Trident	7000SB-Dr.Mac	Bet Medical	2Y	27/08/13	26/08/15	Working	
703	SO OT	OT Table		Mechanical		1Y			Working	
704	SO OT	OT Table		Mechanical		1Y			Working	
705	SO OT	OT Light	Martin	V10 + V16	Vishal	5Y	21/09/12	20/09/17	Working	

706	SO OT	OT Light with Camera Recording	BenQ Medical Technology Corp. Taiwan	Trilite LS810-750	BET Medical	5 Y	23.04.2018	22.04.2023	Working
707	SO OT	OT Light with Camera Recording	BenQ Medical Technology Corp. Taiwan	Trilite LS810-750	BET Medical	5 Y	23.04.2018	22.04.2023	Working
708	SO OT	OT Light	Drager	Solo500+700	Drager				Working
709	SO OT	Surgical diathermy	Elsa	Excel 350	Advanced Medical	3Y	10-03-2008	10-02-2011	Working
710	SO OT	Surgical diathermy	Elsa	Excel 350	Advanced Medical	3Y	10-03-2008	10-02-2011	Working
711	SO OT	Harmonic Scalpel	J& J	Gen 04	SG Surgical	3Y	21/12/2010	20/12/2013	Working
712	SO OT	NasolaryngoScop e	Olympus	ENF-T3	Olympus	1Y	18/11/2014	17/11/2015	Working
713	SO OT	Vessel Sealing System	ERBE	ERBE VIO 300D	Colloq	5Y	29/01/2016	28/01/2021	Working
714	SO OT	Drill System	Strykar	core	Indian Ortho	5Y	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)							
715	SO OT	Laparoscope System			Indian Orthocare	5Y	22/06/2016	21/06/2021	Working
		Camera Console, Model: 1288, SI No:15HO14714							
		Camera Head, Model:1288HD, SI No: 16Bo11282							
		26" Monitor, Model : SI No: VPD26510915							
		26" Monitor, Model : SI No:							

VPD265I0915									
Xenon Light Source, Model:X8000, SI No:141028024									
Insufflator , 20Litres, SI No : 1602CE0749									
716	SO OT	Mandipular Reconstruction Instruments with Drill	KLS Martin		Vishal	5Y			Working
717	SO OT	ECG Machine	Wipro GE	MAC 2000	Wipro GE	1 Y	28.08.2018	27.08.2019	
718	Medical Oncology	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2y	02-04-2010	02-03-2012	Working
719	Medical Oncology	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2y	02-04-2010	02-03-2012	Working
720	Medical Oncology	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2y	02-04-2010	02-03-2012	Working
721	Medical Oncology	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2y	02-04-2010	02-03-2012	Working
722	Medical Oncology	Defibrillator	Mindray	BeneHeart D3	Green Apple	2Y	19/07/2016	18/07/2018	Working
723	Medical Oncology	Pulse Oximeter	BCI	3180		3Y			Working
724	Medical Oncology	Pulse Oximeter	Assapin DiagNotic						Working
725	Medical Oncology	Laminar Air Flow	Clean Air	CAV 900					Working
726	Medical Oncology	Laminar Air Flow	Technico	4*2*2	Indian Scientific	1Y	26/05/2017		Working
727	Medical Oncology	Laminar Air Flow	Technico	4*2*3	Indian Scientific	1Y			Working
728	Medical Oncology	Weighting Scale	Tulaman	EFS	Tulaman				Working
729	Medical Oncology	ICU Ventilator	Tecme	Graphnet	Meditronic	2Y	10-08-2011	31/09/2013	Working
730	Medical Oncology	ICU Ventilator	Tecme	Graphnet	Meditronic	2Y	10-08-2011	31/09/2013	Working
731	Radiation Oncology	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2y	02-04-2010	02-03-2012	Working
732	Radiation Oncology	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2y	02-04-2010	02-03-2012	Working
733	Radiation Oncology	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2y	02-04-2010	02-03-2012	Working
734	Radiation Oncology RT2	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2y	02-04-2010	02-03-2012	Working
735	Radiation Oncology RT2	Multi Para Monitor	Mindray	Beneview T8	Instromedic	2y	02-04-2010	02-03-2012	Working

736	Radiation Oncology	Linear Accelerator	Electa	Precise	Electa India	3Y	31/07/2009	30/07/2012	Working
737	Radiation Oncology	BrachyTheraphy	Varian	H-640340	Varian India	5Y	23/10/2008	22/10/2011	Working
738	Radiation Oncology	Linear Accelerator	Electa	Synery	Electa India	5Y	04-01-2015	31/3/2020	Working
739	Radiation Oncology	CT Simulator	Siemens	As Definition 20	Siemens India	5Y	30/06/2014	29/06/2019	Working
740	Radiation Oncology	Ultra Sound Color Doppler	Esote	MYLAB	Healthware	5y	27/07/2016	26/07/2021	Working
741	Radiation Oncology	Syringe Pump	Plenum Tech Pvt Ltd	Zion +	Plenum Tech	3Y	15/06/2016	14/06/2019	Working
742	Radiation Oncology	Syringe Pump	Plenum Tech Pvt Ltd	Zion +	Plenum Tech	3Y	15/06/2016	14/06/2019	Working
743	Radiation Oncology	Syringe Pump	Plenum Tech Pvt Ltd	Zion +	Plenum Tech	3Y	15/06/2016	14/06/2019	Working
744	Radiation Oncology	Syringe Pump	Plenum Tech Pvt Ltd	Zion +	Plenum Tech	3Y	15/06/2016	14/06/2019	Working
745	Radiation Oncology	Syringe Pump	Plenum Tech Pvt Ltd	Zion +	Plenum Tech	3Y	15/06/2016	14/06/2019	Working
746	Radiation Oncology	Syringe Pump	Plenum Tech Pvt Ltd	Zion +	Plenum Tech	3Y	15/06/2016	14/06/2019	Working
747	Radiation Oncology	Digital Weighing Scale	Tulaman	EFD	Tulaman	1Y	16/02/2015	15/02/2016	Working
748	Radiation Oncology	Defibrillator	Mindray	BeneHeart D3	Green Apple	5Y	01-01-2017	31/12/2021	Working
749	Radiation Oncology	Syringe Pump	Organge	Flow Prima	Organge Medical	2Y	23/05/13	22/05/15	Working
750	Radiation Oncology	Syringe Pump	Organge	Flow Prima	Organge Medical	2Y	23/05/13	22/05/15	Working
751	Radiation Oncology	Ot Light		4Wing/Cluster	Vijetha	1Y	14.07.2018	13.07.2019	Working
752	General Surgery	Laproscope Set	Strykar	3Chip Hi Di	Indian ortho	3Y	20/09/2010	19/09/2013	Working
753	General Surgery	Surgical Diathermy with Vessal Sealing Machine	Erbe	Vio300S	Forward Surgical	3Y	07-02-2010	07-01-2013	Working
754	General Surgery	Harmonic Scalpal	J & J	Gen 4	J & J	3Y	08-12-2010	08-11-2013	working
755	General Surgery	Surgical Diathermy	Alsa	Excel 350 MCDX	Advanced	3Y	01-05-2009	01-05-2012	working
756	General Surgery	Defibrillator	Mindray	BeneHeart D3	Green Apple	5Y	02-04-2017	02-03-2022	Working
Labarotory									
757	BLOOD BANK	B.Bank Refrigerator	Forma Scientific		Jagkumar & Co	3Y	29/04/99	28/04/2002	Working

758	BLOOD BANK	Blood Bank Chamber	terumo	BBR 300L	Magna	1Y	06-09-2012	06-08-2013	Working
759	BLOOD BANK	Blood Bank Chamber	Remi		Remi	1Y	2010	2011	Working
760	BLOOD BANK	Blood Bank Chamber	Wheecon	Haemo Guard	Wheecon	1Y	25/03/2009	24/03/2010	Working
761	BLOOD BANK	Blood Bank Chamber	Wheecon	Haemo Guard	Wheecon	1Y	21/06/2010	20/06/2011	Working
762	BLOOD BANK	Blood Bank Chamber	Wheecon	Haemo Guard	Wheecon	1Y	22/06/2010	20/06/2011	Working
763	BLOOD BANK	Blood Bank Chamber	Wheecon	Haemo Guard	Wheecon	1Y	22/06/2010	21/06/2011	Working
764	BLOOD BANK	B.Bank Refrigerator	Terumo Penpol	300L	Terumo Penplo	5Y	07-12-2012	07-11-2017	Working
765	BLOOD BANK	Deep Freezer	Forma Scientific	minus 86	Jagkumar & Co	3Y	29/04/99	28/04/2002	Working
766	BLOOD BANK	Deep Freezer	Terumo	DF-40U		3Y			Working
767	BLOOD BANK	Cryofuge	ThermoFisher	Cryofuge 6000i	Terumo Penplo	5Y	15/09/2014	14/09/2019	Working
768	BLOOD BANK	Plattlet agitator	Terumo Penpol	PI400	Terumo Penplo	5y	24/7/2014	23/7/2019	Working
769	BLOOD BANK	Plattlet agitator	Terumo Penpol	P1200					Working
770	BLOOD BANK	Cryobath	Terumo Penpol	CB100					Working
771	BLOOD BANK	Automatic Component Extractor	Terumo Penpol	T-ACE-II					Working
772	BLOOD BANK	Automatic Component Extractor	Terumo Penpol	T-ACE-II					Working
773	BLOOD BANK	Laminor Air Flow	Technico		Technico	1Y	20/04/2012	19/04/2013	Working
774	BLOOD BANK	Automated Chemiilluminance Analyzer	J & J		Reagent Rental				Working
775	BLOOD BANK	Elisa Reader	Bio Tek			3Y	02-08-2008	02-07-2011	Not Working
776	BLOOD BANK	Elisa Washer	Bio-Rad	PW40					Working
777	BLOOD BANK	Automated cell separator	Fresenius	7A2T	Wheecon	3y	24/08/02	23/08/05	Working
778	BLOOD BANK	Donor Coatch	HLL		HLL	1Y	02-Dec	02-Dec	Working
779	BLOOD BANK	Cell Counter 5Diff	Mindray	BC5300	Golden	5Y	18/09/2009	17/09/2014	Working
780	BLOOD BANK	QBC Reader,Light	QBC	QBC	Godraj	1Y	04-01-2001	31/3/2002	Working
781	BLOOD BANK	Source,Pra Lens		Fibre optic Cable					Working

782	BLOOD BANK	Central Monitor Sys.	Terumo Penpol	24channel	Terumo Penplo	5Y	21/08/2014	20/08/2019	Working
783	BLOOD BANK	Incubator	Yorko	YSI-438					Working
784	BLOOD BANK	Serilogical water bath	Guna		Indian Scientific	1Y	21/05/12	20/05/13	Working
785	BLOOD BANK	VDRL Shaker	Kemi						Working
786	BLOOD BANK	Cooling Centrifuge	Remi	MC 24BL					Working
787	BLOOD BANK	Centrifuge	Remi	R8C	Remi	3Y	26/02/93	25/02/96	Working
788	BLOOD BANK	MicroScope	Olympus	CH-201					Working
789	BLOOD BANK	Tube Sealer	Terumo	X51010					Working
790	BLOOD BANK	Tube Sealer-Portable	Terumo	LM100E					Working
791	BLOOD BANK	Tube Sealer-Portable	Terumo	LM 100					Working
792	BLOOD BANK	Blood Collection Monitor	Terumo	D-601					Working
793	BLOOD BANK	Blood Collection Monitor	Terumo	D-601					Working
794	BLOOD BANK	Blood Collection Monitor	Terumo	D-601					Working
795	BLOOD BANK	Blood Collection Monitor	Terumo	D-601					Working
796	BLOOD BANK	Blood Collection Monitor	Terumo	D-601					Working
797	BLOOD BANK	Blood Collection Monitor	Terumo	D-250					Working
798	BLOOD BANK	Donor Cough							Working
799	BLOOD BANK	Donor Cough							Working
800	BLOOD BANK	Donor Cough							Working
801	BLOOD BANK	Weighing Scale-Electronic	ESSEA						Working
802	BLOOD BANK	Weighing Scale-Electronic	ESSEA						Working
803	BLOOD BANK	Electrophoresis	Chromous biotech						Working
804	BLOOD BANK	AutoClave	Equitron	PAD-7431PAD					Working
805	BLOOD BANK	Hot Air Oven	Hitech						Working
806	BLOOD BANK	HemoCUe		HB 201					Working
807	BLOOD BANK	HemoCUe		HB 301					Working

808	BLOOD BANK	HemoCUe		HB 301					Working
809	BLOOD BANK	Blood Collection Monitor	Terumo	Trac li		5Y	16/06/2017	15/06/2022	Working
810	BLOOD BANK - HLA Lab	Microscope	Olympus	CKX41		1y	28/05/2013	27/05/2014	Working
811	BLOOD BANK - HLA Lab	Inverted Microscope	Olympus			1Y	21/4/2012	20/4/2013	Working
812	BLOOD BANK - HLA Lab	Serological Water Bath				1Y	21/4/2012	20/4/2013	Working
813	BLOOD BANK - HLA Lab	Hot Air Oven				1y	04-07-2005	04-06-2006	Working
814	BLOOD BANK - HLA Lab	Deep Freezer Minus 80	Terumo Penplol	Df 80U		5Y	21/04/2012	20/04/2017	Working
815	BLOOD BANK - HLA Lab	Laminor Air Flow	Technico			1Y	21/04/2012	20/04/2013	Working
816	BLOOD BANK - HLA Lab	Centrifuge	Remi	412LAG		1Y	26/07/2012	25/07/2013	Working
817	BLOOD BANK - HLA Lab	Blood Bank Chamber	Terumo Penplol	BBR300G		1Y	21/4/2012	20/4/2013	Working
818	BLOOD BANK - HLA Lab	BOD Incubator	Technico			1Y	20/04/23012	19/04/23013	Working
819	BLOOD BANK - HLA Lab	Centrifuge-Micro	Thermo Scientific	Micro C2					Working
820	Bio-Chemistry	Auto Analyzer With Ro System	Beckman	Au 480	Beckman	NA	04-04-2012	Reagent rental	Working
821	Bio-Chemistry	Auto Analyzer	Beckman	AU680	Beckman	NA	01-06-2016	Reagent rental	Working
822	Bio-Chemistry	Analyzer Bio,ISE	Awarness Tech	CHEMWELL	CPC	5Y	09-06-2008	09-05-2013	Working
823	Bio-Chemistry	PCR	Oxygen Scientific	TC9600	Sri Vijaya	3y	23/01/10	22/01/13	Working
824	Bio-Chemistry	PCR	Eppendorf	6331	Eppendorf india	1Y	07-04-2015	07-03-2016	Working
825	Bio-Chemistry	Gel Documentation		alpha imager	BioScreen	3Y	22/7/2015	21/7/2018	Working
826	Bio-Chemistry	Spectro PhotoMeter	Sytronic	118	Vijetha	1Y	04-03-2013	04-02-2014	Working
827	Bio-Chemistry	Spectro PhotoMeter	Sytronic	118	Vijetha	1Y	04-03-2013	04-02-2014	Working
828	Bio-Chemistry	Spectro PhotoMeter-UV	Perkin Elmer	Lamda 25	Perkin Elmer	1Y	25/10/2010	24/10/2011	Working
829	Bio-Chemistry	Spectro PhotoMeter	Thermo Fisher	Spectronic 200E	Thermo fisher	1Y	18/06/2014	17/06/2015	Working
830	Bio-Chemistry	Spectro PhotoMeter	Elico	SL-177			22-06-2005	22-05-2006	Working
831	Bio-Chemistry	Semi Auto Analyzer	stat Fax	SF3300	CPC	3Y	12-01-2007	31/12/2008	Working

832	Bio-Chemistry	Semi Auto Analyzer	stat Fax	SF3300	CPC	3Y	12-01-2007	31/12/2008	Working
833	Bio-Chemistry	OsmoMeter	Gonotec	Osmomat 30D	Wheecon	3Y	20/05/2013	19/05/2014	Working
834	Bio-Chemistry	HPLC System	Shimadzu	prominence	Spinco	1y	03-03-2010	03-02-2011	Working
835	Bio-Chemistry	ABG Analyzer	Radiometer	ABL 80	Jk Medical		Reagent rental	Reagent rental	Working
836	Bio-Chemistry	Electrolyte Machine	SM Diagnostic	EX D5	SM Diagnostic	2Y	Nov-15	Nov-17	Working
837	Bio-Chemistry	Electrolyte Machine	SM Diagnostic	EX D5	SM Diagnostic	2Y	Nov-15	Nov-17	Working
838	Bio-Chemistry	Elisa Reader	Transasia	Erba lisa Scan	Tranasia	1Y	21/8/14	20/8/15	Working
839	Bio-Chemistry	Elisa Washer	Transasia	Erba Lisa Wash	Tranasia	1Y	21/8/14	20/8/15	Working
840	Bio-Chemistry	Electrophoresis system	Genei			1Y	01-01-2000	31/12/2001	Working
841	Bio-Chemistry	Deep freezer -86	Forma scintific	minus 86	Pinnacle	1Y	09-08-2009	09-07-2010	Working
842	Bio-Chemistry	Deep Freezer -86	Eppendorf	Premium U410	Eppendorf india	5Y	04-02-2015	04-01-2020	Working
843	Bio-Chemistry	Deep Freezer - 40	Terumo penpol	Df 40U	Terumo	5Y	26/06/2013	25/06/2018	Working
844	Bio-Chemistry	Deep Freezer - 40	Terumo penpol	Df 40U	Terumo	5Y	26/06/2013	25/06/2018	Working
845	Bio-Chemistry	Double Distilled Water	Bhanu Scientific						Working
846	Bio-Chemistry	Double Distilled Water	Bhanu Scientific						Working
847	Bio-Chemistry	Flame PhotoMeter	Systronic	128		1Y			Working
848	Bio-Chemistry	Water Bath	Equitron			1Y			Working
849	Bio-Chemistry	Water Bath	Equitron			1Y			Working
850	Bio-Chemistry	Water Bath	Equitron			1Y			Working
851	Bio-Chemistry	Water Bath	Equitron			1Y			Working
852	Bio-Chemistry	Water Bath with Shaker	Remi	M RSB-12					Working
853	Bio-Chemistry	Ultrasonic cleaner	Bros scientific	Tec 25H		1y	12-09-2001	12-08-2002	Working
854	Bio-Chemistry	ColoriMeter	Elico	CL-157		1Y	15/06/2005	14/06/2005	Working
855	Bio-Chemistry	Refrigerated Centrifuge	Remi	CM-12-Plus	Remi	1Y	26/11/2015	25/11/2016	Working
856	Bio-Chemistry	Refrigerated Centrifuge	Remi	M-C24BL	Remi	1Y			Working
857	Bio-Chemistry	Centrifuge	Remi	R8C	Remi	1y	26/02/07	25/02/08	Working

858	Bio-Chemistry	Centrifuge	Remi	R8C	Remi	1Y	26/02/07	25/02/08	Working
859	Bio-Chemistry	Centrifuge	Remi	R8C	Remi	1y	26/02/07	25/02/08	Working
860	Bio-Chemistry	Centrifuge	Remi	R8C	Remi	1y	26/02/07	25/02/08	Working
861	Bio-Chemistry	Centrifuge	Remi	R8C	Remi	1Y	26/02/07	25/02/08	Working
862	Bio-Chemistry	Centrifuge	Remi	R8C	Remi	1y	26/02/07	25/02/08	Working
863	Bio-Chemistry	Centrifuge	Remi	R8C	Remi	1y	26/02/07	25/02/08	Working
864	Bio-Chemistry	Centrifuge	Remi	R8C	Remi	1y	26/02/07	25/02/08	Working
865	Bio-Chemistry	Cyclo Mixer	Remi	CM 101		1Y	01-01-2000	31/12/2000	Working
866	Bio-Chemistry	Cyclo Mixer	Remi	CM 101		1Y	01-01-2000	31/12/2000	Working
867	Bio-Chemistry	Cyclo Mixer	Remi	LM 121		1Y	01-01-2000	31/12/2000	Working
868	Bio-Chemistry	Hot Air Sterilizer	Heco		Bros	1Y	2006	2007	Working
869	Bio-Chemistry	Hot Air Sterilizer	Heco		Bros	1Y	2006	2007	Working
870	Bio-Chemistry	Cyclo Mixer	Remi	CM 101		1Y	01-01-2000	01-01-2001	Working
871	Bio-Chemistry	PH Meter	Elico	LI 127		1Y	01-01-2000	31/12/2000	Working
872	Bio-Chemistry	Balance - Eletronic	Shimadzu	AUX 120		1Y	01-01-2000	31/12/2000	Working
873	Bio-Chemistry	Balance - Eletronic	Satorius	AC2105-00AC		1Y	01-01-2000	31/12/2000	Working
874	Bio-Chemistry	Autoclave Vertical	Equitron	AEJ-351		1Y	07-07-2005	07-06-2006	Working
875	Bio-Chemistry	Magnetic Stirrer	Remi	2MCH		1Y	12-01-2001	31/11/2002	Working
876	Bio-Chemistry	Hot Plate	Kemi	KHPR 25		1Y	12-01-2001	31/11/2002	Working
877	Bio-Chemistry	Hot Plate	Guna			1Y	12-01-2001	31/11/2002	Working
878	Bio-Chemistry	Shaker-Rotary	Remi	RS 12		1Y	12-01-2001	31/11/2002	Working
879	Bio-Chemistry	Homoginizer	Remi	RQ 127		1Y	12-01-2001	31/11/2002	Working
880	Bio-Chemistry	Laminor Air Flow	Technico Lab.Product	Floor Stand Model	Bhavani	1Y	20/10/16	19/10/17	Working
881	Bio-Chemistry	Elisa Reader	Transasia	Erba lisa Scan	Tranasia	1Y	30/11/16	29/11/17	Working
882	Bio-Chemistry	Elisa Washer	Transasia	Erba Lisa Wash	Tranasia	1Y	30/11/16	29/11/17	Working
883	Bio-Chemistry	Automated Elisa System		Euroimmun Analyzer -1P	CPC	5Y	26/05/2017	25/05/2022	Working
884	Bio-Chemistry	Semi Auto Analyzer	stat Fax	SF3300	CPC	5Y	26/05/2017	25/05/2022	Working

885	Bio-Chemistry	Flame PhotoMeter	Elico	CL-378	Vijetha	1Y	29/06/2017	28/06/2018	Working
886	Bio-Chemistry	Flame PhotoMeter	Elico	CL-378	Vijetha	1Y	29/06/2017	28/06/2018	Working
887	Bio-Chemistry	Centrifuge	Remi	R8C	Medicoy	1y	26/09/2017	25/09/2018	Working
888	Bio-Chemistry	Centrifuge	Remi	R8C	Medicoy	1Y	26/09/2017	25/09/2018	Working
889	Bio-Chemistry	Trans UV Illuminator	Labomate	Bench Top	Medicoy	1Y	13.06.17		Working
890	Bio-Chemistry	Nanodrop	Eppendorf			1Y			Working
891	Bio-Chemistry	Balance - Eletronic	Citizen	MP-300		1Y	08-01-2017	31/07/2018	Working
892	Bio-Chemistry	Balance - Eletronic	Citizen	MP-300		1Y	08-01-2017	31/07/2018	Working
893	Bio-Chemistry	Hot Air Oven	Kemi	KOMS2TD		1Y	30/03/2015	30/03/2015	Working
894	Bio-Chemistry	Immuno Assay Analyzer	Beckman	Access-2	beckman india		19/06/2018	Reagent Rental	Working
895	CLINICAL PATHOLOGY	QBC machine(with centrifuge,light sourceµscope)	QBC		Godaraj	5y	16/03/09	15/03/14	Working
		Lighjt Source		5353006					
		Reader	BD	4406					
		MicroScope	Carl Zeiss	Student					
896	CLINICAL PATHOLOGY	Digital centrifuge	Remi motors	8RC	Remimotors	1y	2000	2001	Working
897	CLINICAL PATHOLOGY	Centrifuge	Remi motors	8RC	Remi motors	1Y	2000	2001	Working
898	CLINICAL PATHOLOGY	Cell Counter 5Diff	Mindray	BC5300	Golden	5Y	17/09/2009	16/09/2014	Working
899	CLINICAL PATHOLOGY	Cell counter 5Diff	Mindray	BC5300	Golden	5Y	22/06/2011	22/06/2016	Working
900	CLINICAL PATHOLOGY	Cell counter 3 Diff	Mindray	BC5300	Golden	1y	2015	2016	Working
901	CLINICAL PATHOLOGY	Semi Auto Analyzer-Coag	Diagnostica stago	start 4	surog	1y	16/09/2009	15/09/2010	Working
902	CLINICAL PATHOLOGY	Centrifuge	Remi	R8CBL	Indian scintific	1Y	08-07-1905		Working
903	CLINICAL PATHOLOGY	Semi Auto Analyzer-Coag		CA2000-4	Golden	1y	31/05/2016	30/05/2017	Working
904	CLINICAL PATHOLOGY	Centrifuge	Remi motors	8RC	Remi motors	1Y	2000	2001	Working
905	CLINICAL	Centrifuge	Remi motors	RM- 12C		1Y	21/09/2016	20/09/2017	Working

	PATHOLOGY								
906	CLINICAL PATHOLOGY	Centrifuge	Remi motors	RM- 12C		1Y			Working
907	CLINICAL PATHOLOGY	Centrifuge	Remi motors	RM- 12C		1Y			Working
908	CLINICAL PATHOLOGY	Hot Air Oven	Technico				16-06-1905		Working
909	CLINICAL PATHOLOGY	Incubator	Yorco				15-06-1905		Working
910	CLINICAL PATHOLOGY	Serological Water Bath	Yorco	YSI-413			16-06-1905		Working
911	PATHOLOGY	Cryostart	LEICA	CM 1510	Lab India	3y	19/02/2004	18/02/2007	Working
912	PATHOLOGY	Tissue processor	Micron	STP 120	labcom	5Y	26/07/2010	25/07/2015	Working
913	PATHOLOGY	Ultra centrifuge	Shandon	Cytospin_3	Indchem	3y	18/02/93	17/02/94	Working
914	PATHOLOGY	Auto Sharp	Shandon	Auto sharp-5	INDCHEM	3y	18/02/93	17/02/94	Working
915	PATHOLOGY	Rotary Microtome	Leica lab India	Jung Multicut	lab India	3y	1993	1994	Working
916	PATHOLOGY	Rotary Microtome	Micron	HM 340E	Labcon	5Y	26/07/2010	25/07/2011	Working
917	PATHOLOGY	Incubator	Yarco	ysi-438	Lazer Instrument	3y	18/02/93	17/02/94	Working
918	PATHOLOGY	Water bath	Yarco	Ysi-133	Lazer Instrument	3y	18/02/93	17/02/94	Working
919	PATHOLOGY	Balance	shimadzu	BL-220H	Yarco	1Y	08-10-2015	08-09-2016	Working
920	PATHOLOGY	Microscope	Olympus	KIC 26631	Hospin surgical	3y	18/02/93	17/02/96	Working
921	PATHOLOGY	Declcifier	Yarco		Laser	3y	18/02/93	17/02/96	Working
922	PATHOLOGY	Immuno fluro.Microscope	Carl Zeiss	Axioscope	Carl Zeiss toshniwal	3y	12-03-1994	12-02-1997	Working
923	PATHOLOGY	Immuno fluro.Microscope	Carl Zeiss	Axioscope	Carl Zeiss toshniwal	3y	12-03-1994	12-02-1997	Working
924	PATHOLOGY	Incubator	Yorco	Ysi-438	Yarco laser instument	3y	27/04/95	26/04/98	Working
925	PATHOLOGY	Microscope	Nichon	UFX-DX		3y	1993	1994	Working
926	PATHOLOGY	Microscope	Nichon	Labophot		3y	1993	1994	Working
927	PATHOLOGY	Microscope	Nikon	E-200	Towa Optics	1Y	14/11/2014	13/11/2015	Working
928	PATHOLOGY	Microscope	Nikon	E-200	Towa Optics	1Y	14/11/2014	13/11/2015	Working
929	PATHOLOGY	Microscope	Nikon	E-200	Towa Optics	1Y	13/02/2014	02-12-2015	Working
930	PATHOLOGY	Microscope	Nikon	E-200	Towa Optics	1Y	13/02/2014	02-12-2015	Working
931	PATHOLOGY	Microscope	Nikon	E-201	Towa Optics	1Y	13/02/2014	02-12-2015	Working

932	PATHOLOGY	Microscope	Olympus	CH20I		1Y	12-09-2008	12-08-2009	Working
933	PATHOLOGY	Microscope	Olympus	CH20I		1Y	12-09-2008	12-08-2009	Working
934	PATHOLOGY	Microscope	Olympus	CH20I		1Y	12-09-2008	12-08-2009	Working
935	PATHOLOGY	Microscope	Olympus	CH20I		1Y	12-09-2008	12-08-2009	Working
936	PATHOLOGY	Microscope	Olympus	CH20I		1Y	12-09-2008	12-08-2009	Working
937	PATHOLOGY	Microscope	Olympus	CH20I		1Y	30/03/09	29/03/10	Working
938	PATHOLOGY	Microscope	Olympus	CH20I		1Y	30/03/09	29/03/10	Working
939	PATHOLOGY	Microscope	Olympus	CH20I		1Y	30/03/09	29/03/10	Working
940	PATHOLOGY	Microscope	Olympus	CH20I		1Y	30/03/09	29/03/10	Working
941	PATHOLOGY	Microscope	Olympus	CH20I		1Y	30/03/09	29/03/10	Working
942	PATHOLOGY	PentaHead MicroScope	Olympus	BX-53F	Dss Imagetech	5Y	16/09/2014	15/09/2019	Working
943	PATHOLOGY	Microscope	Olympus	CH-20I	Indian scintific	1Y	18/03/15	17/03/16	Working
944	PATHOLOGY	Microscope	Olympus	CH-20I	Indian scintific	1Y	18/03/15	17/03/16	Working
945	PATHOLOGY	Microscope	Olympus	CH-20I	Indian scintific	1Y	18/03/15	17/03/16	Working
946	PATHOLOGY	Microscope	Olympus	CH-20I	Indian scintific	1Y	18/03/15	17/03/16	Working
947	PATHOLOGY	Microscope	Olympus	CH-20I	Indian scintific	1Y	18/03/15	17/03/16	Working
948	PATHOLOGY	Microscope	Olympus	CH-20I	Indian scintific	1Y	18/03/15	17/03/16	Working
949	PATHOLOGY	Flow cyto meter, Work station and UPS online	Beckman	FC500	Beckman India	5Y	14.03.2013	13.03.2018	Working
950		Hot Air Oven	Navyog	NU-107			26/04/2016		Working
951		Hot Air Oven	Navyog	NU-107			26/04/2016		Working
952		Centrifuge	Remi	R8C			1995		Working
953		Water Bath	Guna				14/05/2014		Working
954		Balance-Digital	ESSAe	D5-262					Working
955	PATHOLOGY	Cryostat with UV	Leica	Leica CM 1860	Indian Scientific	5 Y	12.04.2018	11.04.2023	Working
956	Micro Biology	Analytical Balance	Wensar	PGB3000	Indiab Scien	1Y	18.10.2012	17.10.2013	Working
957	Micro Biology	Automated Blood Culture System 3D 30 Bac 'T'Alert	Biomerieux	Do ICR 3420	Biomerieux India	2Y	14.06.2010	13.06.2012	Working

958	Micro Biology	Balance Chemical	New Orintal	NOR/7		1Y	24.02.1993	23.02.1994	Working
959	Micro Biology	Balance Chemical	Keroy			1Y	02.03.2001	01.03.2002	Working
960	Micro Biology	Bod Incubator	IN LABs	10 CFT		1Y	22.08.2009	21.08.2010	Working
961	Micro Biology	Bod Incubator with Stabilizer (875x570x570)	Kemi	105		1Y	21.04.2007	20.04.2008	Working
962	Micro Biology	Bio Safety Cabinet	Yarco			1Y	1993	1994	Working
963	Micro Biology	Bio Safety Cabinet 4x2x2 Class 11 B2			Technico	1Y	28.07.2011	27.07.2012	Working
964	Micro Biology	Bio Safety Cabinet 4x2x2 Class 11 B2			Technico	1Y	17.11.2011	16.11.2012	Working
965	Micro Biology	Centrifuge R 8C	Remi	R8C		1Y	24.02.1993	23.02.1994	Working
966	Micro Biology	Centrifuge R 8C	Remi	R8C		1Y	22.12.2004	2-1.12.2005	Working
967	Micro Biology	Centrifuge RM 12C	Remi	RM12C		1Y	08.12.2010	07.12.2011	Working
968	Micro Biology	Centrifuge R 90 swing out head Glass Lid	Remi	R8CBL		1Y	31.08.2012	30.08.2013	Working
969	Micro Biology	Centrifuge RM 12 C (micro) RM 1215/1217	Remi	RM12 C		1Y	30.03.2013	29.03.2014	Working
970	Micro Biology	Colony counter	Yarco			1Y	31.05.2005	30.05.2006	Working
971	Micro Biology	Cyclomixer	Remi	CM101		1Y			Working
972	Micro Biology	Cyclomixer Vertex	Remi			1Y	06.01.2011	05.01.2012	Working
973	Micro Biology	Distilled water plant + water level cutoff sys Steel	Kemi	KWS-3		1Y	05.10.2012	04.10.2013	Working
974	Micro Biology	Deep freezer -40Ç	Thermo penpal	DF 40U	Rs 4,04,250	5Y	04.07.2013	03.07.2018	Working
975	Micro Biology	Double distilled water palnt	Bhanu Scientific	AQDD-20PDB/XL		1Y	02.01.2014	01.01.2015	Working
976	Micro Biology	Water Stills dis.d water plant	Bhanu Scientific	Edu still single		1Y	02.01.2014	01.01.2015	Working
977	Micro Biology	Electronic Precision balance	Afcoset	FX300		1Y	31.03.2001	30.03.2002	Working
978	Micro Biology	Electronic Weighing balance digital	ESSAE	DS-252		1Y	03.12.2004	02.12.2005	Working
979	Micro Biology	Electronic	Shimdzu			1Y	28.07.2009	27.07.2010	Working

		Analytical balance						
980	Micro Biology	Electronic Balance	Shimdu	BL 2020H	1Y	24.05.2012	23.05.2013	Working
981	Micro Biology	Elisa Reader.Washer,PC ., Printer and UPS	Tecan Sanrice	Sunraise, HydroFlex	5Y	14.02.2012	13.02.2017	Working
982	Micro Biology	Hot plate	Guna		1Y	1999	2000	
983	Micro Biology	Hot Plate (Rectangular)	Riviera	HPRE/14-7- 141200		13.06.2015	12.06.2016	Working
984	Micro Biology	Hot air Oven	Kemi			21.04.2007	20.04.2008	Working
985	Micro Biology	Hot Air oven Digital 600x600x900	Kemi	KDMS6PD		18.01.2011	17.01.2012	Working
986	Micro Biology	Incubator Portable	Yarco			1995	1996	Working
987	Micro Biology	Incubator Small	Yarco	YSI-438		1999	2000	Working
988	Micro Biology	Incubator Digial 600x600x600	Kemi	S5FD		21.04.2007	201.04.2008	Working
989	Micro Biology	Incubator Bact.600x600x600	Kemi	KIS-5FD		18.01.2011	17.01.2012	Working
990	Micro Biology	Inspissator	Grant Germany	T-100IN		02.07.2013	01.07.2014	Working
991	Micro Biology	Laminar Air Flow 2x4	Yorco			1993	1994	Working
992	Micro Biology	Laminar Air Flow 2x2	Yorco	YSI-188		1997	1998	Working
993	Micro Biology	Laminar Air Flow 6x2x2 Chamber	Technico			17.11.2011	16.11.2012	Working
994	Micro Biology	Magnetic Stirrer	Eltek			19.11.2004	19811.2005	Working
995	Micro Biology	Microscope with phase contrast dark Field with camera	Carl Ziess	AxioScope 50		21.11.2012	20.11.2013	Working
996	Micro Biology	Microscope Research	Carl Ziess	AxioScope 50		21.11.2012	20.11.2013	Working
997	Micro Biology	Microscope Student	Carl Ziess	AxioScope 50		1997	1998	Working
998	Micro Biology	Microscope GB Monocular	Olympus			22.05.2004	21.05.2005	working
999	Micro Biology	Microscope GB Monocular	Olympus			27.05.2004	26.05.2005	Working
1000	Micro Biology	Microscopes	Carl Zeiss					Working

		Primostar							
1001	Micro Biology	Microscopes Primostar	Carl Zeiss						Working
1002	Micro Biology	Microscopes Primostar	Carl Zeiss						Working
1003	Micro Biology	Microscopes Primostar	Carl Zeiss						Working
1004	Micro Biology	Microscopes Primostar	Carl Zeiss						Working
1005	Micro Biology	Micro MGIT Fluorescence reader		BDBBLMGIT			05.03.2013	04.03.2014	Working
1006	Micro Biology	Orbital shaker	Rivotek	50031003			18.06.2012	17.06.2013	Working
1007	Micro Biology	PH Meter-361	Systronics				1993	1994	Working
1008	Micro Biology	PH Meter Digital	Systronics				03.12.2004	02.12.2005	Working
1009	Micro Biology	Real time PCR system	M/s. Indus	Rotor Gene Q 5Plex			30.10.2012	29.10.2013	Working
1010	Micro Biology	PCR work station	Genei				11.01.2012	10.01.2013	Working
1011	Micro Biology	Serological Water both with Shaker	Yarco				31.05.2005	30.05.2006	Working
1012	Micro Biology	Ultra Sonicator	Rivotek	2160			18.01.2011	17.01.2012	Working
1013	Micro Biology	VDRL Rotator	Remi	EYCM629			23.07.2004	22.07.2005	Working
1014	Micro Biology	Vortex Mixer	Riviera				14.11.2012	13.11.2013	Working
1015	Micro Biology	Micro Centrifuge	Thermo Fisher	sorvall st16	genesis		18/02/2016	17/02/2017	Working
1016	Micro Biology	Laminor Air Flow	Technico Lab.Product	Floor Stand Model	Bhavani	1Y	20/10/16	19/10/17	Working
1017	Micro Biology	Centrifuge	Thermo Fisher	Legend Micro 21R	genesis	5Y	17/05/2017	16/05/2022	Working
1018	Micro Biology	Serological Water Bath	Technico	2064-1		1Y	23/07/2014		Working
1019	Micro Biology	Serological Water Bath	Technico	2064-1		1Y	23/07/2014		Working
1020	Micro Biology	Centrifuge	Remi	R8CBL		1Y			Working
1021	Micro Biology	Elisa Washer	BioRad	PW-40			13-03-2018		Working
1022	Virology Lab	Semi Micro balance	Shindzu	AUW220D	Shindzu	1 Y	24.03.2015	23.03.2016	Working
1023	Virology Lab	Refrigerated Centrifuge	Eppendorf	5424R	Eppendorf	1 Y	01.04.2015	31.03.2016	Working

1024	Virology Lab	Laminar Air flow- Vertical	Technico Laborator		Technico Laborator	1 Y	20.04.2015	19.04.2016	Working
1025	Virology Lab	water bath	Equitron	6701 D1	Equitron	1 Y	21.04.2015	20.04.2016	Working
1026	Virology Lab	Incubator	KEMI	KIS-5	KEMI	1 Y	22.04.2015	21.04.2016	Working
1027	Virology Lab	Vertical Autoclave	Equitron	7440FA	Equitron	1 Y	04.05.2015	03.05.2016	Working
1028	Virology Lab	Deep Freezer - 20 C	Remi	RQV-600P	Bhavani Enterprizer	1 Y	04.05.2015	03.05.2016	Working
1029	Virology Lab	Micro Plate Reader	Bio Rad	PR 4100	Bio Rad	1 Y	07.05.2015	06.05.2016	Working
1030	Virology Lab	Micro Plate Washer	Bio Rad	PW-40	Bio Rad	1 Y	07.05.2015	06.05.2016	Working
1031	Virology Lab	PCR Workstation	Genei		Vijetha	1 Y	07.05.2015	06.05.2016	Working
1032	Virology Lab	Water Purification system	Bio Agen	Dura Purification	Bio Agen	1 Y	16.05.2015	15.05.2016	Working
1033	Virology Lab	Real time PCR	Agilant Technology	G8830-64001	Agilant Technology	2 Y	21.05.2015	20.05.2017	Working
1034	Virology Lab	Bio- Spectrometer	Eppendrof		Eppendrof	2 Y	02.06.2015	01.06.2017	Working
1035	Virology Lab	IBCOTS System	Life Technology	Bo41AIB2	Life Technology	1 Y	02.06.2015	01.06.2016	Working
1036	Virology Lab	Bio Safety cabinet	Thermofisher	1336	Thermofisher	3 Y	30.06.2015	29.06.2018	Working
1037	Virology Lab	Mastercycler nexus gradient	Eppendorf India Ltd	6331DQ008777	Eppendorf India Ltd	2 Y	04.07.2015	03.07.2017	Working
1038	Virology Lab	ICE Flaker Machine	Labman	LM-1F-30	Labman	1 Y	21.07.2015	20.07.2016	Working
1039	Virology Lab	Gel Documentation	Bio Screen		Bio Screen	3 Y	25.07.2015	24.07.2018	Working
1040	Virology Lab	Deep freezer -80	Thermo	ULT 86	Genesis	2Y	11.8.2015	10.8.2017	Working
1041	Virology Lab	BioSafety Cabinet	Thermo	1384M-1384	Genesis	5Y	17.05.2017	16.05.2022	Working
1042	Virology Lab	CentriFuge	Remi	R8CBL	Indian Scientific	1Y	08-02-2015	07-01-2016	Working
1043	Virology Lab	Magnetic Stirrer- Digital	Remi	4050	Indian Scientific	1Y	08-02-2015	07-02-2016	Working
1044	Virology Lab	DryBath	Revira	5003-00/1	Indian Scientific	1Y	06-02-2016	06-01-2017	Working
1045	Virology Lab	Hot Air Oven	Equitron	7051/150		1Y	12-02-2015		Working
1046	Virology Lab	Orbital shaker	Tarson	3060		1Y			Working
1047	Virology Lab	PH Meter	Eutech	ECPC-700433	Verandra Surgical	1Y			Working
1048	Virology Lab	Rocking Shaker	Tarson	4082		1Y			Working

1049	Virology Lab	Test Tube Rotator	Tarson	3070		1Y			Working
1050	Virology Lab	Vertex Shaker	Tarson	3020		1Y			Working
1051	Virology Lab	DRYBATH-Digital	Tarson	6040		1Y			Working
1052	Virology Lab	Laminor Air Flow	ESCO	LVG-4CG-F8	ESCO	2Y	29/07/2018	28/07/2020	
1053	Physio Therapy	Laser Therapy	Electro care	EC Laser 306	Electrocare	3Y	01-01-2001	31/12/2004	Working
1054	Physio Therapy	IsoKinetic System	biodex	system 4pro	Hospimedica	3Y	21/07/2011	20/07/2014	Working
1055	Physio Therapy	Traction Machine	Autotrac 100			1Y	01-09-2017	01-08-2018	Working
1056	Physio Therapy	Traction Machine	Autotrac			1 Y			Working
1057	Physio Therapy	Muscle Stimulators	Bharat Medical Sys	Physiotim - 7		1Y			Working
1058	Physio Therapy	Muscle Stimulators	Bharat Medical Sys	Physiotim - 8		1 Y			Working
1059	Physio Therapy	Muscle Stimulators	Bharat Medical Sys	Physiotim - 9		1Y			Working
1060	Physio Therapy	Muscle Stimulators	Bharat Medical Sys	Physiotim - 10		1Y			Working
1061	Physio Therapy	Muscle Stimulators	Bharat Medical Sys	Physiotim - 11		1Y			Working
1062	Physio Therapy	Muscle Stimulators	HMS			1 Y			Working
1063	Physio Therapy	Muscle Stimulators	HMS			1Y			Working
1064	Physio Therapy	IFT	Kody Medical Electronic	Kodytron Plus		1 Y			Working
1065	Physio Therapy	IFT	Kody Medical Electronic	Kodytron Plus		1Y			Working
1066	Physio Therapy	IFT	Kody Medical Electronic	Kodytron Plus		1Y			Working
1067	Physio Therapy	IFT	HMS	INDOMED 601		1Y			Working
1068	Physio Therapy	WAX Therapy	HMS			8 Y			Working
1069	Physio Therapy	WAX Therapy				1Y			Working
1070	Physio Therapy	Ultrasound	Techomed Electronics	Electroson - 709		9 Y			Working
1071	Physio Therapy	Ultrasound	Techomed Electronics	Electroson - 710		1Y			Working
1072	Physio Therapy	Ultrasound		Electrostim-T		10 Y			Working
1073	Physio Therapy	Ultrasound	HMS	INDOSONIC 102		1Y			Working

1074	Physio Therapy	Ultrasound	HMS	INDOSONIC 103		11 Y			Working
1075	Physio Therapy	Body Composition Analyzer		N 20	Rs 6,54,100	5Y	12-05-2014	12-04-2019	Working
1076	Physio Therapy	Portable Laser	Techomed Electronic			1 Y			Working
1077	Physio Therapy	Portable Laser	Techomed Electronic			1Y			Working
1078	Physio Therapy	Threadmill	Stayfit	CTX3	Rs 2,09,738	1 Y			Working
1079	Physio Therapy	Threadmill	Aerofit	HK300		1Y			Working
1080	Physio Therapy	Short wave Diathermy	HMS	Indotherm 500	HMS	1Y			Working
1081	Physio Therapy	Short wave Diathermy	IBMT			1Y			Working
1082	Physio Therapy	ENMG BioFeedBack System	Enraf	Myomed 632X	Rs 4,12,072	1Y	29/01/2016	28/01/2017	Working
1083	Physio Therapy	Lipotone	Johari Digital	Flex-E-Tone EME 123	Vijetha	1 Y	27.04.2018	26.04.2019	Working
1084	Physio Therapy	Lipotone	Johari Digital	Flex-E-Tone EME 124	Vijetha	1 Y	27.04.2018	26.04.2019	Working
1085	Physio Therapy	Lipotone	Johari Digital	Flex-E-Tone EME 125	Vijetha	1 Y	27.04.2018	26.04.2019	Working
1086	Physio Therapy	Lipotone	Johari Digital	Flex-E-Tone EME 126	Vijetha	1 Y	27.04.2018	26.04.2019	Working
1087	Bio-Technology	Hot Air over	Yarco	YSI-431	Laser instrument	1Y	06.01.2004	05.01.2005	Working
1088	Bio-Technology	Distilled Water Plant	BHANU	SAFGTYCUTOUT	Indian Scientific	1Y	06.01.2004	05.01.2005	Working
1089	Bio-Technology	Double Distilled Water plant	BHANU	AQDD-20P-DB	Infusil India Pvt	1Y	05.01.2005	04.01.2006	Working
1090	Bio-Technology	Deep Freezer -20C		Vestfrost	Vijetha medical Systems	1Y	20.08.2008	19.08.2009	Working
1091	Bio-Technology	Cooling Centrifuge	Remi	C-24	Vijetha medical Systems	1Y	28.10.2008	27.10.2009	Working
1092	Bio-Technology	Laminar Air Flow (2x2)	Air Tech		Bross Sci	1Y	27.10.2006	26.10.2007	Working
1093	Bio-Technology	UV trans Illuminator	Lab india		Bross Sci	1Y	13.05.2004	12.05.2005	Working
1094	Bio-Technology	Sonicator	Revotek	STD Sonicator	Indian Scientific	1Y	31.07.2009	30.07.2010	Working
1095	Bio-Technology	Colony Counter	HIMEDIA		Bross Sci	1Y	04.05.2009	03.05.2010	Working

1096	Bio-Technology	Dry Bath	GENEI	DB900	Bross Sci	1Y	17.09.2004	16.09.2005	Working
1097	Bio-Technology	Cyclo Mixer	Remi	CM-101	Indian Scientific	1Y	08.09.2005	07.09.2006	Working
1098	Bio-Technology	DNA Sequencer	GENEI		L.V.products	1Y	26.11.2008	25.11.2009	Working
1099	Bio-Technology	Laminar Air Flow (4x2x2)	Clean Air	CAH1200	Indian Scientific	1Y	06.12.2003	05.12.2004	Working
1100	Bio-Technology	Inverted Microscope	Motic AE-31	50212001	Lab AID	1Y	29.04.2005	28.04.2006	Working
1101	Bio-Technology	Multiporator	Ependrof		Ependrof	1Y	01.09.2005	31.08.2006	Working
1102	Bio-Technology	PCR	Ependrof		Ependrof	1Y	19/07/16	18/07/17	Working
1103	Bio-Technology	UV trans Illuminator	Lab india		Bross Sci	1Y	13.06.2004	12.06.2005	Working
1104	Bio-Technology	Gel Documenter	Vilber Lourmet		Labmate	1Y	20.05.2005	18.05.2007	Working
1105	Bio-Technology	PH Meter	Eutech		Bross Sci	1Y	28.08.2009	27.08.2010	Working
1106	Bio-Technology	UV Spectrophotometer	Cyber Lab	CYBER UV-1	Indian Scientific	1Y	06.01.2009	05.01.2010	Working
1107	Bio-Technology	CO2 Incubator	Thermofisher	Stericycle i160	Genesis	5Y	16/02/2017	15/02/2022	Working
1108	Bio-Technology	PH Meter	Systronics	361	Systronics	1Y	06.12.2002	05.12.2003	Working
1109	Bio-Technology	Homogenizer	Remi	RQ127A	Inaian Scie	1Y	06.12.2003	05.12.2004	Working
1110	Bio-Technology	Water Bath	Remi	KWB.190	Indian Scientific	1Y	08.09.2005	07.09.2006	Working
1111	Bio-Technology	Electrophoresis Horizantel	GENEI		Indian Scientific	1Y	23.03.2005	22.03.2006	Working
1112	Bio-Technology	Electrophoresis Verticle	GENEI		Indian Scientific	1Y	23.03.2005	22.03.2006	Working
1113	Bio-Technology	GEL Rocker	GENEI	GR020	Indian Scientific	1Y	23.03.2005	22.03.2006	Working
1114	Bio-Technology	Incubator 37C	Yarco	YSI-438	Lszer Instru	1Y	14.03.2005	13.03.2006	Working
1115	Bio-Technology	GEL Dryer	GENEI	2535/3545	Indian Scientific	1Y	06.01.2004	05.01.2005	Working
1116	Bio-Technology	Cooling Centrifuge	Remi	RBC	Indian Scientific	1Y	20.10.2008	21.10.2009	Working
1117	Bio-Technology	Centrifuge	Remi	RBC	Indian Scientific	1Y	10.12.2003	09.12.2004	Working
1118	Bio-Technology	BOD Incubator	HECO	216	Bross Sci	1Y	06.10.2004	05.10.2005	Working
1119	Bio-Technology	Real Time PCR	Applied Bio	7300	Lab India	1Y	04-01-2009	31/4/2010	Working
1120	Bio-Technology	Microscope	Olympus	CX21i		1Y	10.12.2003	09.12.2004	Working
1121	Bio-Technology	Microscope (Monocular)	Olympus	MLM		1Y	10.12.2003	09.12.2004	Working

1122	Bio-Technology	Microscope (Monocular)	Olympus	MLM	1Y	10.12.2003	09.12.2004	Working
1123	Bio-Technology	Microscope (Monocular)	Olympus	MLM	1Y	10.12.2003	09.12.2004	Working

Equipment status Report on **31/10/2018** – SVIMS

Total Number of Equipments = 132

Number functional Equipment= 132

Number non functional Equipment = 0

Percentage = 132/132 *100 =100 %

Equipment List - SPMCW – Hospital

S.N o.	Equipment	Department	Manufacturer	Supplier	Model	serial number	W	Ins.date	Purchase done by	Status	Unit cost in IRs
1	OT Lights Dual Dome	Septic OT	Magna Tek	Magna Tek	Magnapax	G2002	3 Y	11.05.2015	APMSIDC	Working	3,47,000
2	OT Lights Dual Dome	Emergency OT	Magna Tek	Magna Tek	Magnapax	G1960	3 Y	30.04.2015	APMSIDC	Working	3,47,000
3	OT Lights Dual Dome	O B G	Magna Tek	Magna Tek	Magnapax	G1961	3 Y	30.04.2015	APMSIDC	Working	3,47,000
4	OT Lights Dual Dome	O B G	Magna Tek	Magna Tek	Magnapax	G1962	3 Y	30.04.2015	APMSIDC	Working	3,47,000
5	OT Lights Dual Dome	E N T	Magna Tek	Magna Tek	Magnapax	G1963	3 Y	30.04.2015	APMSIDC	Working	3,47,000
6	OT Lights Dual Dome	G S O T	Magna Tek	Magna Tek	Magnapax	G1964	3 Y	30.04.2015	APMSIDC	Working	3,47,000
7	Multi para Monitor	Anaesthesia	General Meditech	Trans Health Care	G 3 G	G3GM30013	3 Y	05.05.2015	APMSIDC	Working	1,41,750
8	Multi para Monitor	Anaesthesia	General Meditech	Trans Health Care	G 3 G	G3GM30003	3 Y	05.05.2015	APMSIDC	Working	1,41,750
9	Multi para Monitor	OBG ICU - 2	General Meditech	Trans Health Care	G 3 G	G3GM30029	3 Y	05.05.2015	APMSIDC	Working	1,41,750
10	Multi para Monitor	Anaesthesia	General Meditech	Trans Health Care	G 3 G	G3GM30017	3 Y	05.05.2015	APMSIDC	Working	1,41,750
11	Multi para Monitor	Anaesthesia	General Meditech	Trans Health Care	G 3 G	G3GM30005	3 Y	05.05.2015	APMSIDC	Working	1,41,750
12	Multi para Monitor	O B G	General Meditech	Trans Health Care	G 3 G	G3GM30008	3 Y	05.05.2015	APMSIDC	Working	1,41,750
13	Multi para Monitor	Anaesthesia	General Meditech	Trans Health Care	G 3 G	G3GM30021	3 Y	05.05.2015	APMSIDC	Working	1,41,750
14	Multi para Monitor	Anaesthesia	General Meditech	Trans Health Care	G 3 G	G3GM30030	3 Y	05.05.2015	APMSIDC	Working	1,41,750
15	Multi para Monitor	G S O T	General Meditech	Trans Health Care	G 3 G	G3GM30010	3 Y	05.05.2015	APMSIDC	Working	1,41,750
16	Multi para Monitor	E N T	General Meditech	Trans Health Care	G 3 G	G3GM30028	3 Y	05.05.2015	APMSIDC	Working	1,41,750

S.N o.	Equipment	Department	Manufacturer	Supplier	Model	serial number	W	Ins.date	Purchase done by	Status	Unit cost in IRs
17	Multi para Monitor	O B G	General Meditech	Trans Health Care	G 3 G	G3GM30022	3 Y	05.05.2015	APMSIDC	Working	1,41,750
18	Multi para Monitor	O B G	General Meditech	Trans Health Care	G 3 G	G3GM30023	3 Y	05.05.2015	APMSIDC	Working	1,41,750
18	Multichannel Monitor	Anaesthesia	General Meditech	Trans Health Care	G3G	434M50059	3 Y	30.09.2015	APMSIDC	Working	1,32,300
19	Multichannel Monitor	Anaesthesia	General Meditech	Trans Health Care	G3G	434M50007	3 Y	30.09.2015	APMSIDC	Working	1,32,300
20	Multichannel Monitor	Anaesthesia	General Meditech	Trans Health Care	G3G	434M50044	3 Y	30.09.2015	APMSIDC	Working	1,32,300
21	Multichannel Monitor	Anaesthesia	General Meditech	Trans Health Care	G3G	434M50006	3 Y	30.09.2015	APMSIDC	Working	1,32,300
22	Multichannel Monitor	OBG ICU - 1	General Meditech	Trans Health Care	G3G	434M50003	3 Y	30.09.2015	APMSIDC	Working	1,32,300
23	Multichannel Monitor	Anaesthesia	General Meditech	Trans Health Care	G3G	434M50010	3 Y	30.09.2015	APMSIDC	Working	1,32,300
25	ICU Ventilator	Anaesthesia	Air Liquide	Air Liquide Medical	Monnal 175	MT 75-04315	3 Y	26.05.2015	APMSIDC	Working	6,50,000
26	ICU Ventilator	Anaesthesia	Air Liquide	Air Liquide Medical	Monnal 175	MT 75-04316	3 Y	26.05.2015	APMSIDC	Working	6,50,000
27	ICU Ventilator	Anaesthesia	Air Liquide	Air Liquide Medical	Monnal 175	MT 75-04317	3 Y	26.05.2015	APMSIDC	Working	6,50,000
28	ICU Ventilator	Anaesthesia	Air Liquide	Air Liquide Medical	Monnal 175	MT 75-04318	3 Y	26.05.2015	APMSIDC	Working	6,50,000
29	ICU Ventilator	Anaesthesia	Air Liquide	Air Liquide Medical	Monnal 175	MT 75-04319	3 Y	26.05.2015	APMSIDC	Working	6,50,000
30	ICU Ventilator	Anaesthesia	Air Liquide	Air Liquide Medical	Monnal 175	MT 75-04320	3 Y	26.05.2015	APMSIDC	Working	6,50,000
31	Potec Auto Ref.Keratometer	Ophthalmology	Appasamy Associates	Appasamy Associates	PRK 6000	K6DL18F	1 Y	01.06.2015	SVIMS	Working	
32	Impedenec Audiometer stem with accessories	E N T	Alliance Biomedica	Alliance Biomedica	G3139 Velsion3	G50059259	3 Y	08.06.2015	SVIMS	Working	4,72,557
33	Bipolar Cautery	G S O T	ERBE, Germany	ERBE, Germany	VIO 300S Version I	11394575	3y	14.08.2015	SVIMS	Working	3,93,750
34	Bipolar Cautery	Emergency OT	ERBE, Germany	ERBE, Germany	VIO 300S Version I	11394574	3 Y	14.08.2015	SVIMS	Working	3,93,750
35	Bipolar Cautery	E N T	ERBE, Germany	ERBE, Germany	VIO 300S Version I	11395339	3 Y	14.08.2015	SVIMS	Working	3,93,750
36	Bipolar Cautery	O B G	ERBE, Germany	ERBE, Germany	VIO 300S Version I	11398195	3 Y	14.08.2015	SVIMS	Working	3,93,750
37	Cryosurgery Unit	Gynaecology	ERBE, Germany	ERBE, Germany	ERBO KRYO CA	11397972	3 Y	14.08.2015	SVIMS	Working	5,98,500
38	Cryosurgery Unit	Gynaecology	ERBE, Germany	ERBE, Germany	ERBO KRYO CA	11397971	3 Y	14.08.2015	SVIMS	Working	5,98,500
39	Infusion Pump	Anaesthesia	GUANGZHOU WIT	Trans Health Care	WIT 601A	60100 1506047	3 Y	30.09.2015	APMSIDC	Working	34,963
40	Infusion Pump	Anaesthesia	GUANGZHOU WIT	Trans Health Care	WIT 601A	601001 503059	3 Y	30.09.2015	APMSIDC	Working	34,963

S.N o.	Equipment	Department	Manufacturer	Supplier	Model	serial number	W	Ins.date	Purchase done by	Status	Unit cost in IRs
41	Infusion Pump	Anaesthesia	GUANGZHOU WIT	Trans Health Care	WIT 601A	60102 1506001	3 Y	30.09.2015	APMSIDC	Working	34,963
42	Infusion Pump	Anaesthesia	GUANGZHOU WIT	Trans Health Care	WIT 601A	60103 1506041	3 Y	30.09.2015	APMSIDC	Working	34,963
43	Infusion Pump	Anaesthesia	GUANGZHOU WIT	Trans Health Care	WIT 601A	60104 1506040	3 Y	30.09.2015	APMSIDC	Working	34,963
44	Infusion Pump	Anaesthesia	GUANGZHOU WIT	Trans Health Care	WIT 601A	60105 1506042	3 Y	30.09.2015	APMSIDC	Working	34,963
45	Infusion Pump	Anaesthesia	GUANGZHOU WIT	Trans Health Care	WIT 601A	60106 1506043	3 Y	30.09.2015	APMSIDC	Working	34,963
46	Infusion Pump	Anaesthesia	GUANGZHOU WIT	Trans Health Care	WIT 601A	60107 1506044	3 Y	30.09.2015	APMSIDC	Working	34,963
47	Infusion Pump	Anaesthesia	GUANGZHOU WIT	Trans Health Care	WIT 601A	60108 1506002	3 Y	30.09.2015	APMSIDC	Working	34,963
48	Infusion Pump	Anaesthesia	GUANGZHOU WIT	Trans Health Care	WIT 601A	60109 1503058	3 Y	30.09.2015	APMSIDC	Working	34,963
49	Anaesthesia Workstation	Anaesthesia	Allied Medical	Allied Medical Ltd	Jupiter Plus	1503JP111	3 Y	16.10.2015	APMSIDC	Working	5,76,535
50	Anaesthesia Workstation	O B G	Allied Medical	Allied Medical Ltd	Jupiter Plus	1503JP112	3 Y	16.10.2015	APMSIDC	Working	5,76,535
51	Anaesthesia Workstation	Anaesthesia	Allied Medical	Allied Medical Ltd	Jupiter Plus	1503JP113	3 Y	16.10.2015	APMSIDC	Working	5,76,535
52	Anaesthesia Workstation	Anaesthesia	Allied Medical	Allied Medical Ltd	Jupiter Plus	1503JP114	3 Y	16.10.2015	APMSIDC	Working	5,76,535
53	Anaesthesia Workstation	Emergency OT	Allied Medical	Allied Medical Ltd	Jupiter Plus	1503JP115	3 Y	16.10.2015	APMSIDC	Working	5,76,535
54	Anaesthesia Workstation	Septic OT	Allied Medical	Allied Medical Ltd	Jupiter Plus	1503JP116	3 Y	16.10.2015	APMSIDC	Working	5,76,535
55	Suction Apparatus	OBG	Supreme Enterprises		INSTAVAC	15F26-001	3 Y	24.06.2015	APMSIDC	Working	18,750
56	Suction Apparatus	General Surgery	Supreme Enterprises		INSTAVAC	15F26-002	3 Y	24.06.2015	APMSIDC	Working	18,750
57	Suction Apparatus	OBG	Supreme Enterprises		INSTAVAC	15F26-003	3 Y	24.06.2015	APMSIDC	Working	18,750
58	Suction Apparatus	OBG	Supreme Enterprises		INSTAVAC	15F26-004	3 Y	24.06.2015	APMSIDC	Working	18,750
59	Suction Apparatus	ENT	Supreme Enterprises		INSTAVAC	15F26-005	3 Y	24.06.2015	APMSIDC	Working	18,750
60	Suction Apparatus	Obg	Supreme Enterprises		INSTAVAC	15F26-006	3 Y	24.06.2015	APMSIDC	Working	18,750
61	Suction Apparatus	ENT	Supreme Enterprises		INSTAVAC	15F26-007	3 Y	24.06.2015	APMSIDC	Working	18,750
62	Suction Apparatus	OBG	Supreme		INSTAVAC	15F26-008	3 Y	24.06.2015	APMSIDC	Working	18,750

S.N o.	Equipment	Department	Manufacturer	Supplier	Model	serial number	W	Ins.date	Purchase done by	Status	Unit cost in IRs
			Enterprises								
63	Suction Apparatus	General Surgery	Supreme Enterprises		INSTAVAC	15F26-009	3 Y	24.06.2015	APMSIDC	Working	18,750
64	Suction Apparatus	General Surgery	Supreme Enterprises		INSTAVAC	15F26-010	3 Y	24.06.2015	APMSIDC	Working	18,750
65	Suction Apparatus	Nurses Room	Supreme Enterprises		INSTAVAC	15F26-011	3 Y	24.06.2015	APMSIDC	Working	18,750
66	Suction Apparatus	OBG Ward	Supreme Enterprises		INSTAVAC	15F26-012	3 Y	24.06.2015	APMSIDC	Working	18,750
67	Suction Apparatus	NICU	Supreme Enterprises		INSTAVAC	15F26-013	3 Y	24.06.2015	APMSIDC	Working	18,750
68	Suction Apparatus	General Surgery	Supreme Enterprises		INSTAVAC	15F26-014	3 Y	24.06.2015	APMSIDC	Working	18,750
69	Suction Apparatus	NICU	Supreme Enterprises		INSTAVAC	15F26-015	3 Y	24.06.2015	APMSIDC	Working	18,750
70	Suction Apparatus	NICU	Supreme Enterprises		INSTAVAC	15F26-016	3 Y	24.06.2015	APMSIDC	Working	18,750
71	Suction Apparatus	OBG OT	Supreme Enterprises		INSTAVAC	15F26-017	3 Y	24.06.2015	APMSIDC	Working	18,750
72	Suction Apparatus	Nurses Room	Supreme Enterprises		INSTAVAC	15F26-018	3 Y	24.06.2015	APMSIDC	Working	18,750
73	Suction Apparatus	OBG OT	Supreme Enterprises		INSTAVAC	15F26-019	3 Y	24.06.2015	APMSIDC	Working	18,750
74	Suction Apparatus	OBG OT	Supreme Enterprises		INSTAVAC	15F26-020	3 Y	24.06.2015	APMSIDC	Working	18,750
75	Suction Apparatus	OBG	Supreme Enterprises		INSTAVAC	15F04-001	3 Y	24.06.2015	APMSIDC	Working	18,750
76	Suction Apparatus	OBG	Supreme Enterprises		INSTAVAC	15F04-002	3 Y	24.06.2015	APMSIDC	Working	18,750
77	Suction Apparatus	OBG	Supreme Enterprises		INSTAVAC	15F04-003	3 Y	24.06.2015	APMSIDC	Working	18,750
78	Suction Apparatus	OBG	Supreme Enterprises		INSTAVAC	15F04-004	3 Y	24.06.2015	APMSIDC	Working	18,750
79	Suction Apparatus	SICU	Supreme Enterprises		INSTAVAC	15F04-005	3 Y	24.06.2015	APMSIDC	Working	18,750
80	Suction Apparatus	General Surgery	Supreme Enterprises		INSTAVAC	15F04-006	3 Y	24.06.2015	APMSIDC	Working	18,750
81	Suction Apparatus	OBG	Supreme Enterprises		INSTAVAC	15F04-007	3 Y	24.06.2015	APMSIDC	Working	18,750
82	Suction Apparatus	G S Ward	Supreme Enterprises		INSTAVAC	15F04-008	3 Y	24.06.2015	APMSIDC	Working	18,750

S.N o.	Equipment	Department	Manufacturer	Supplier	Model	serial number	W	Ins.date	Purchase done by	Status	Unit cost in IRs
83	Fetal Monitor (CTG)/Cardiotocogram Machine	OBG & Gynec	B P L		FM9852T	EPTB5F 1465	3 Y	28.11.2015	APMSIDC	Working	87,150
84	Fetal Monitor (CTG)/Cardiotocogram Machine	Gynec	B P L		FM9852T	EPTB5F 1463	3 Y	28.11.2015	APMSIDC	Working	87,150
85	1. Endoscopy Set with Fess Instrument with Light Source and Camera	E N T	Carl Storze	Vishal Surgical			3 Y	01.12.2015	APMSIDC	Working	81,94,091
	2. Esophagoscopy Set										3,78,000
	3. Light Source with Cable and Head Band										10,20,275
	4. Rhino-Pharyngo-Laryngo-Fiberscope										5,71,253
	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	1802150237	1 Y	07.12.2015	SVIMS	Working	1. 58,000/- 2. 16,000/- 3. 450/-
87	Slit Lamp-5 step	Ophthalmology	Appaswamy	Appaswamy	A1A 125S	1504160002	1 Y	11.01.16	SVIMS	Working	1,10,000
88	O T Table	G S O T	Hospi Tech		Hospit ak	105SS		11.01.16		Working	
89	O T Table	OBG	Hospi Tech		Hospit ak	105SS		11.01.16		Working	
90	O T Table	ENT	Hospi Tech		Hospit ak	105SS		11.01.16		Working	
91	O T Table	OBG	Hospi Tech		Hospit	105SS		11.01.16		Working	

S.N o.	Equipment	Department	Manufacturer	Supplier	Model	serial number	W	Ins.date	Purchase done by	Status	Unit cost in IRs
					ak						
92	O T Table	Emergency OT	Hospi Tech		Hospit ak	105SS		11.01.16		Working	
93	Double Punch Laproscope Set	O B G	Carl Storz	Vishal			3 Y	15.02.2016	APMSIDC	Working	8,90,000
	(Telecam Dx II CCU SI.No.SU731764-P, Telecam Camera Head SI.No.RU849685-H, C-Mount Lens , Led Nova 150W									Working	
	Led Nova 150w Light Source SI.No.RU3517, Fiber Opetic Cable, Telescope 30'6.5mm SI.No.4004694, Led Monitor (Samsung 23' Monitor)									Working	
										Working	
94	Operating Laparoscope Set	O B G	Carl Storz	Vishal			3 Y	15.02.2016	APMSIDC	Working	
	Tricam SL II Camera CCU					RU730933-P				Working	
	Tricam Camera Head					RU848536-H				Working	
	15,Color LCD Monitor Sony					3005690				Working	
	Electronic CO2 Endoflator					SU33052				Working	
	Led Nova Light 150W Light Source					SU3591				Working	
	Fiber Optic Cable 4.8mm									Working	
	Hopkins II Telescope 30'10mm					121BLO				Working	
95	Operating Laparoscope Set	O B G	Carl Storz	Vishal			3 Y	15.02.2016	APMSIDC	Working	
	Tricam SL II Camera CCU					RU730926-P				Working	
	Tricam Camera Head					PU848358-H				Working	
	15,Color LCD Monitor Sony					3005697				Working	
	Electronic CO2 Endoflator					SU33053				Working	
	Led Nova Light 150W Light Source					SU3597				Working	
	Fiber Optic Cable 4.8mm									Working	
	Hopkins II Telescope 30'10mm					121AAF				Working	
96	Coloposcope Set	O B G		Vishal	Video Colops	15-070013	3 Y	15.02.2016	APMSIDC	Working	9,08,250

S.N o.	Equipment	Department	Manufacturer	Supplier	Model	serial number	W	Ins.date	Purchase done by	Status	Unit cost in IRs
	cope										
	(Stand for Coloposcope, Laptop with Medi-Scope Oem lite edition Software, Data Recording System)									Working	
97	Baby Weighing Machine	Pediatrics	nice Neotech Medical	nice Neotech Medical		15160 300 2089	1 Y	29.03.2016	APMSIDC	Working	v
98	Baby Weighing Machine	Pediatrics	nice Neotech Medical	nice Neotech Medical		15160 300 2092	1 Y	29.03.2016	APMSIDC	Working	14,175
99	Infant meter	Pediatrics	nice Neotech Medical	nice Neotech Medical			1 Y	29.03.2016	APMSIDC	Working	13,356
100	Diagnostic Laparoscopy set	Gynaec OT	Karl Storz Germany	Vishal			3 Y	05.04.2016	APMSIDC	Working	28,84,350
	HOPKINS Telescope 30' 10mm, 31cm					121J4E				Working	
	Electronic CO2 Endoflator SCB Set					NT34312				Working	
	LED Nova 150 Cold Light Fountain					OT4383				Working	
	TRICAM (R) II CCU SCB					YU741134-P				Working	
	TRICAM 2 Chip Camera Head					XU857546-H				Working	
101	Diagnostic Laparoscopy set	Gynaec OT	Karl Storz Germany	Vishal			3 Y	05.04.2016	APMSIDC	Working	28,84,350
	HOPKINS Telescope 30' 10mm, 31cm					121FDX				Working	
	Electronic CO2 Endoflator SCB Set					NT34323				Working	
	LED Nova 150 Cold Light Fountain					OT4389				Working	
	TRICAM (R) II CCU SCB					YU741135-P				Working	
	TRICAM 2 Chip Camera Head					XU858378-H				Working	
102	Diagnostic Laparoscopy set	Gynaec OT	Karl Storz Germany	Vishal			3 Y	05.04.2016	APMSIDC	Working	28,84,350
	HOPKINS Telescope 30' 10mm, 31cm					121FR6				Working	
	Electronic CO2 Endoflator SCB Set					NT34313				Working	
	LED Nova 150 Cold Light Fountain					OT4440				Working	
	TRICAM (R) II CCU SCB					YU741137-P				Working	
	TRICAM 2 Chip Camera Head					XU858379-H				Working	
103	Diagnostic Laparoscopy set	Gynaec OT	Karl Storz Germany	Vishal			3 Y	05.04.2016	APMSIDC	Working	28,84,350

S.N o.	Equipment	Department	Manufacturer	Supplier	Model	serial number	W	Ins.date	Purchase done by	Status	Unit cost in IRs
	HOPKINS Telescope 30' 10mm, 31cm					121FRB				Working	
	Electronic CO2 Endoflator SCB Set					NT34306				Working	
	LED Nova 150 Cold Light Fountain					OT4431				Working	
	TRICAM (R) II CCU SCB					YU741141-P				Working	
	TRICAM 2 Chip Camera Head					XU858808-H				Working	
104	Hystroscope set - 1 No.	Gynaec OT	Karl Storz Germany	Vishal			3 Y	05.04.2016	APMSIDC	Working	17,48,250
	HOPKINS II TELESCOPE 30 4mm Sl.No.1205Z3									Working	
	HAMOU ENDOMAT SCB Sl.No. NT14214									Working	
	One Pedal Footswitch, One Stage Sl.No. A01G2S									Working	
	Electronic CO2 Endoflator SCB Sl.No.NT34307									Working	
105	Defibrillator	Maternity	Nihon Kohden	Biomed Healthcare	TEC-5521	10259	3 Y	21.04.2016	APMSIDC	Working	
106	Ultrasound Color Doppler System	Obstetrics (Gynaecology)	Esaote India	Esaote India	Mylab 40	40-13587	3 Y	03.05.2016	SVIMS	Working	15,49,400
	a. 19"LCD Monitor		Esaote India	Esaote India		21799095					
	b. B/B Convex Probe (2-7 MHz)		Esaote India	Esaote India	CA 541	7280					
	c. B/B Endocavity Probe (3-9 MHz)		Esaote India	Esaote India	EC1123	16045005					
	d. B/W Thermal Printer		SONY	Esaote India	UP898 MD						
	e. 1 KVA Online UPS		BPE	Esaote India							
	f. B/W Laser Printer		CANON	Esaote India	LBP290 0						
	g. 100 CDS & 100 DVDS										
	h. Standard Accessories										
107	Portable Premium Color Doppler System	Obstetrics (Gynaecology)	Esaote India	Esaote India	Mylab 25 GOLD	8536	5 Y	13.06.2016	SVIMS	Working	19,00,000
	a. Convex Probe		Esaote India	Esaote India	CA431	15590					
	b. Endocavity Probe		Esaote India	Esaote India	EC1123	16085060					

S.N o.	Equipment	Department	Manufacturer	Supplier	Model	serial number	W	Ins.date	Purchase done by	Status	Unit cost in IRs
	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	7034236					
	h. 1 KVA Online UPS		DELTA								
	i. Computer with colour laser printer		HP		HP disktop						
	j. Image management software standard Accessories		SONO								
108	Infant Warmers with bassinets	Paediatrics	Phoenix Medical	Phoenix Medical	NWS 102	2,213	1 Y	18.06.2016	SVIMS	Working	55,000
109	Infant Warmers with bassinets	Paediatrics	Phoenix Medical	Phoenix Medical	NWS 102	2214	1 Y	18.06.2016	SVIMS	Working	55,000
110	Infant Warmers with bassinets	Paediatrics	Phoenix Medical	Phoenix Medical	NWS 102	2215	1 Y	18.06.2016	SVIMS	Working	55,000
111	Phototherapy Unit	Paediatrics	Phoenix Medical	Phoenix Medical	Brilliance	3034	1 Y	18.06.2016	SVIMS	Working	64,000
112	Phototherapy Unit	Paediatrics	Phoenix Medical	Phoenix Medical	Brilliance	3035	1 Y	18.06.2016	SVIMS	Working	64,000
113	Phototherapy Unit	Paediatrics	Phoenix Medical	Phoenix Medical	Brilliance	3036	1 Y	18.06.2016	SVIMS	Working	64,000
TB & Respiratory											
114	Spirometer	TB & CD	NDD	JK Medical	Easy on PC	227258	1Y	13/10/2016	SVIMS	Working	Rs1,88,372
115	Coagulator	Ophthalmology	Appa samy	Appa samy	AAOM Advent FS9		2Y	20.01.2018	SVIMS	Working	Rs 5,60,000/-
116	A Scan	Ophthalmology	Appa samy	Appa samy							
117	OT Table	Ophthalmology	Appa samy	Appa samy							
118	Operating Microscope	ENT	Carl Zeiss		S100/OPMI 1-FC	6627501964		26.09.2016	SVIMS	Working	

S.N o.	Equipment	Department	Manufacturer	Supplier	Model	serial number	W	Ins.date	Purchase done by	Status	Unit cost in IRs
119	OT Lights Dual Dome	OBG	Martin	Na	Na					Working	
120	Surgical diathermy	OBG	Martin	Vishal	Maxim um	ME402M				Working	
121	Suction Apparatus	ENT OP	Sisco	Sisco	Venky	15231				Working	
122	Suction Apparatus	OBG	Dolpin		Dolpin	145				Working	
123	Suction Apparatus	OBG				141				Working	
124	Suction Apparatus	OBG				139				Working	
125	Suction Apparatus	OBG				143				Working	
126	Suction Apparatus	OBG				142				Working	
127	Suction Apparatus	OBG				140				Working	
128	Dental System	Dental	Confident							Working	
129	Radio surgery Unit	Dermatology op	Mega Surg Gold			4190				Working	
130	Weighing machine	Paediatrics opd	DS-415N	Essae		G41516545756				Working	
131	ECT Machine	Psychiatry	NC	Niviqure meditech		VR-ECT,B3-EEG		31.032015		Working	
132		Dental Unit	NC	confident dental		Mookambika Dental Unit		26.06.2014		Working	

MORTALITY

SVIMS instituted mortality reduction & quality improvement strategies along a novel strategy of “Multiple Sequential Wedges of improvement”. Each set of quality improvements is introduced every 6 months & effects measured. These ‘6 month spells’ of average mortality rate are represented in the graphs.

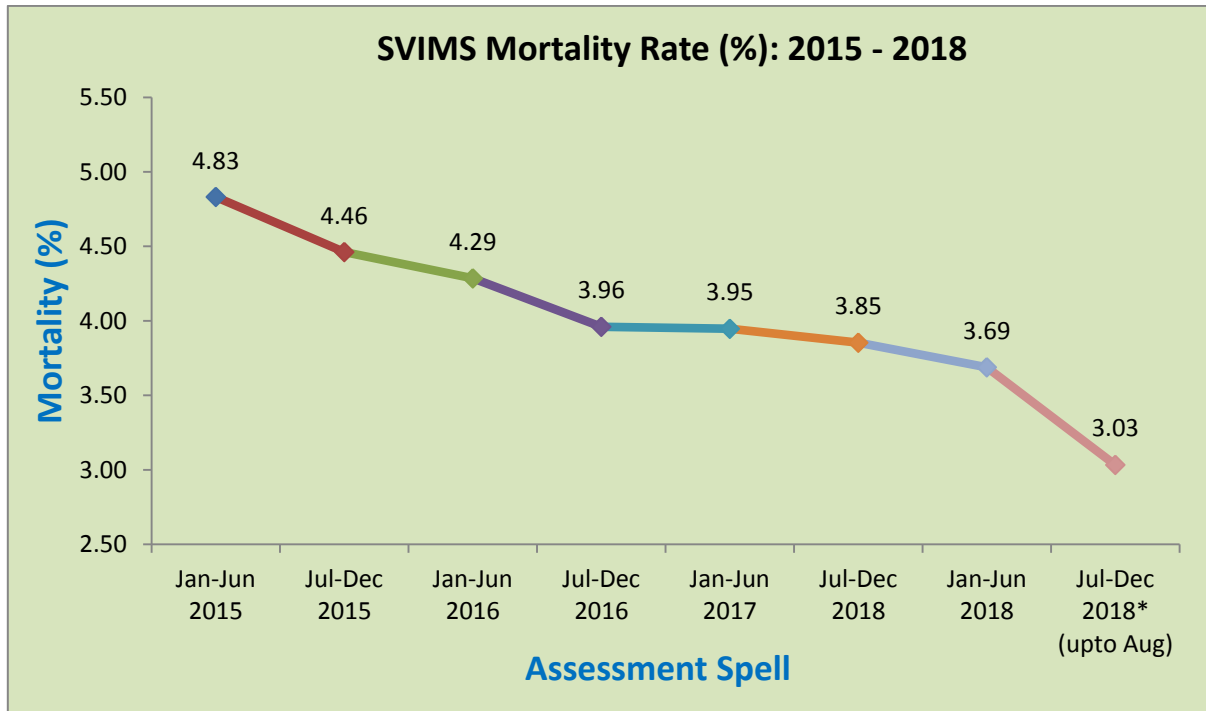
Average Mortality rate (GDR)
2015 – 2018 (30th Sept)



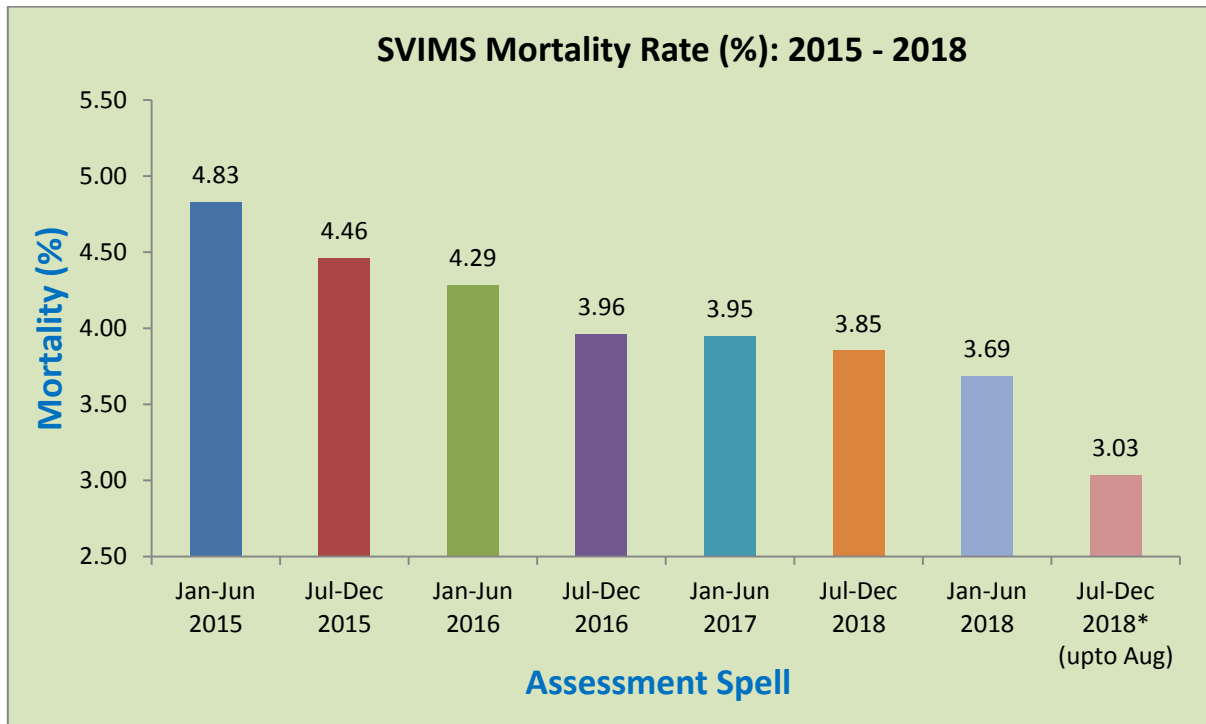
Average Mortality rate (NDR)
2015 – 2018 (30th Sept)



Spell wise mortality rate



Alternative way



Monthly mortality for the year 2018

