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- NABH ASSESSOR
- PAST SECRETARY, IMA NHB TNSB

- ADJUNCT PROFESSOR THE TN DR M.G.R MEDICAL UNIVERSITY, CHENNAI,
- PAST SECRETARY, ASSOCIATION SURGEONS OF INDIA, TAMILNADU 2018-2022



THIS PRESENTATION IS DESIGNED

- Mid-Sized Hospitals (30-100 Bedded)
- Hospital owner is the practicing doctor



AGENDA

- Facts
- What is sop?
- Benefits, what will you achieve
- Challenges
- How to manage the staff
- Organization how should be
- Functional outcome assessment
- How the hospital owner should be





Fact should know Flash

I am a hospital owner

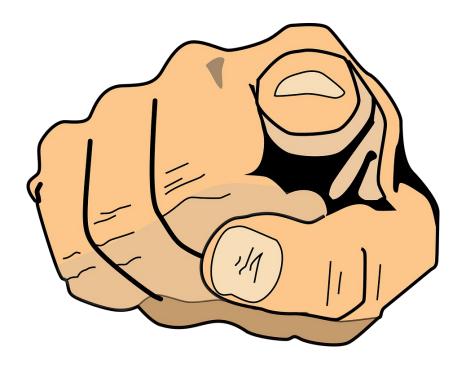
My skill & professional knowledge is excellent,

I'm struggling for Quality Care & Positive Finance balance.

Who will help me?



NOBODY WILL HELP YOU,



It's your responsibility to make appropriate plan





We should do our hospital management as an organization based on SOP rather than run by ourselves.



HOSPITAL

VS

HEALTH CARE INDUSTREE



VS

FAMILY RUN HOSPITAL

CORPORATE HOSPITAL



PROCESS & SYSTEM = SOP

PROCESS

A series of actions that you do for a particular purpose.

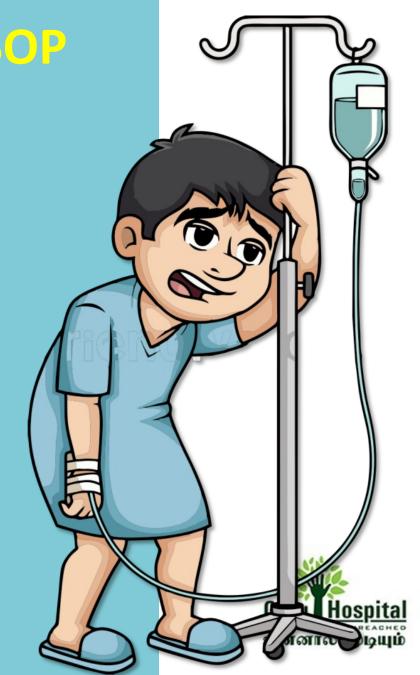
SYSTEM

A particular way of doing something.

People call a computer as a "system" because it has many components working together to do work.

PROCESS + SYSTEM = SOP

Need to be improved



FIREFIGHTING Vs PROACTIVE MANAGEMENT

- A firefighting type of management indicates a more reactive and corrective approach to every problem that occurs daily, the person in charge has spending his most valuable time in solving the problem.
- Proactive management means anticipating needs and challenges. Person in charge has spending his most valuable time for developmental activities.





செய்தக்க அல்ல செயக்கெடும் செய்தக்க செய்யாமை யானும் கெடும்

அதிகாரம்:

தெரிந்து செயல்வகை

குறள் எண்:466





WHAT IS SOP?



SOP

SOP - System and Protocol development

Create the system based on

- Based on business .
- Location.
- Availability of staffs



STANDARD OPERATING PROCEDURE (SOP)



• Is a set of written instructions that document a routine activity followed by an organization.



JOB INTEGERATION

Hospital has many departments
 It should run with correct direction

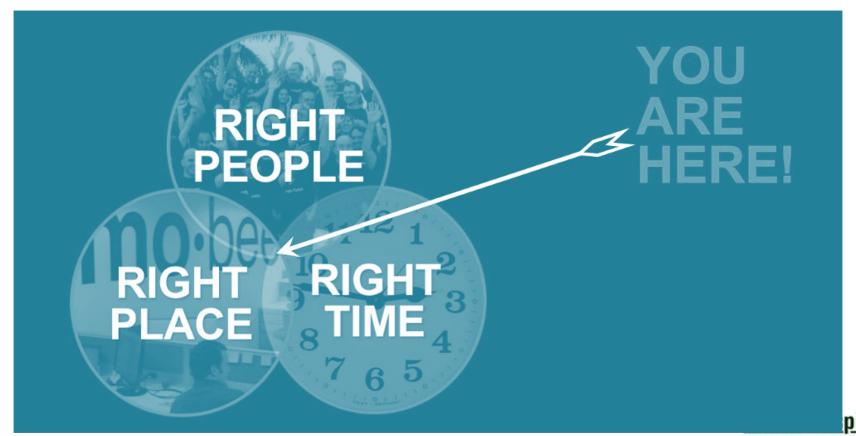
Hospital has many staffs.

They should go with

- Quality guidelines
- Owner wishes



RIGHT PROCESS



DOCUMENTATION - SOP

- Serves as a point of reference for everyone in the organization.
- The documented system and processes must be complied with consistently in the organization by everyone.

• .



CONTROLLED DOCUMENT- MANUALS

- Prepared by end user.
- Edited by Quality manager & coordinator
- Approved by Committee and Head of the Institute.
- To be kept appropriate places for reference.
- To be updated periodically.



HOSPITAL PROCESS - SOP

HOSPITAL PROCESS - SOP



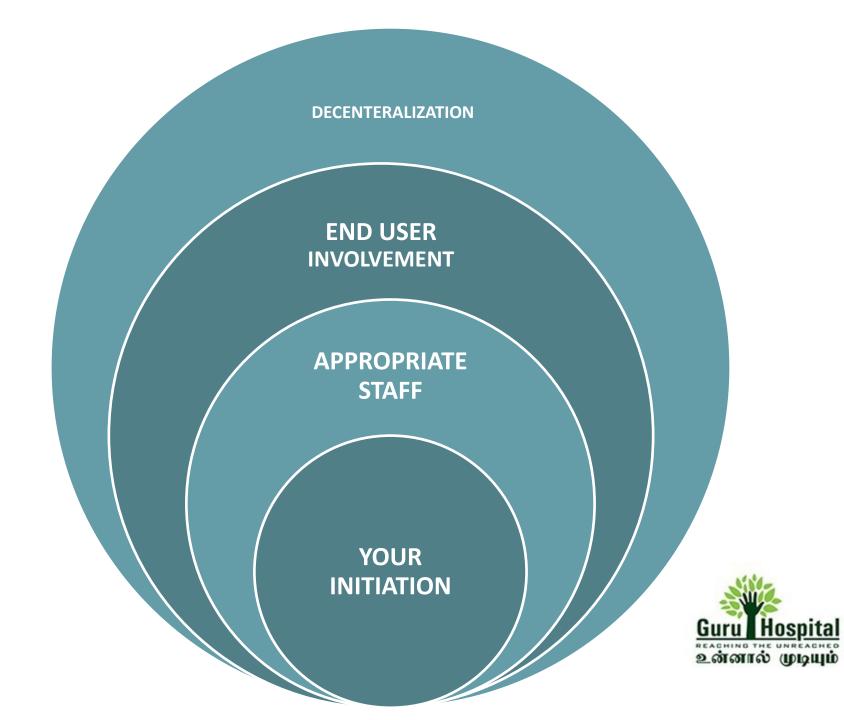
HOW TO PROCEED?

BY YOURSELF

- Long lasting.
- Cost effective.
- It is an internal growth.
- Staff's awareness will be there.

BY AGENCY

- Long lasting?
- Costly.
- It is an external Support
- Minimal staff awareness.





BENEFITS - WHAT WILL YOU ACHIEVE

BENEFITS



Patients

High quality of care and patient safety.



Hospital

commitment to quality care and provides benchmark.



Clinic Staff

professional
development of
Clinicians and Para
Medical Staff and
provides leadership for
quality improvement.



Regulatory Bodies

It will help to get accreditation.



INCREASED PATIENT SATISFACTION LEVEL

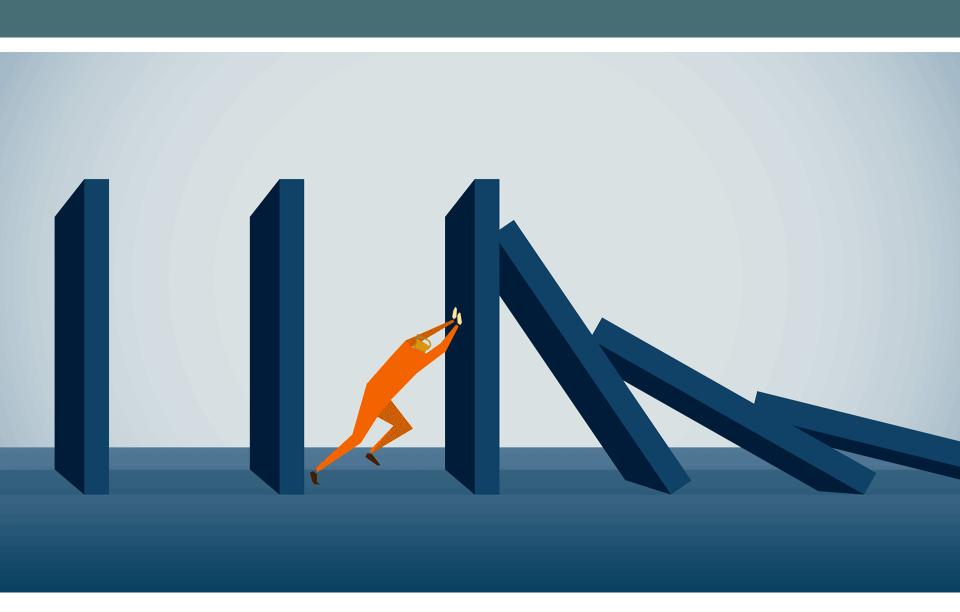
Word Of Mouth - A satisfied patient is the best marketing tool having 100% results





CHALLENGES

CHALLENGES



CHANGING THE SYSTEM?

CHALLENGES TO US:



- Busy in professional practice & lack of time
- 2 Lack of mindset & interest
- 3 Lack of relevant supportive staffs



WHAT IS HOLDING BACK?

As an investor, he should be the multi-tasker





STAFF - HOW TO MANAGE?



Richard Branson

guotefancy

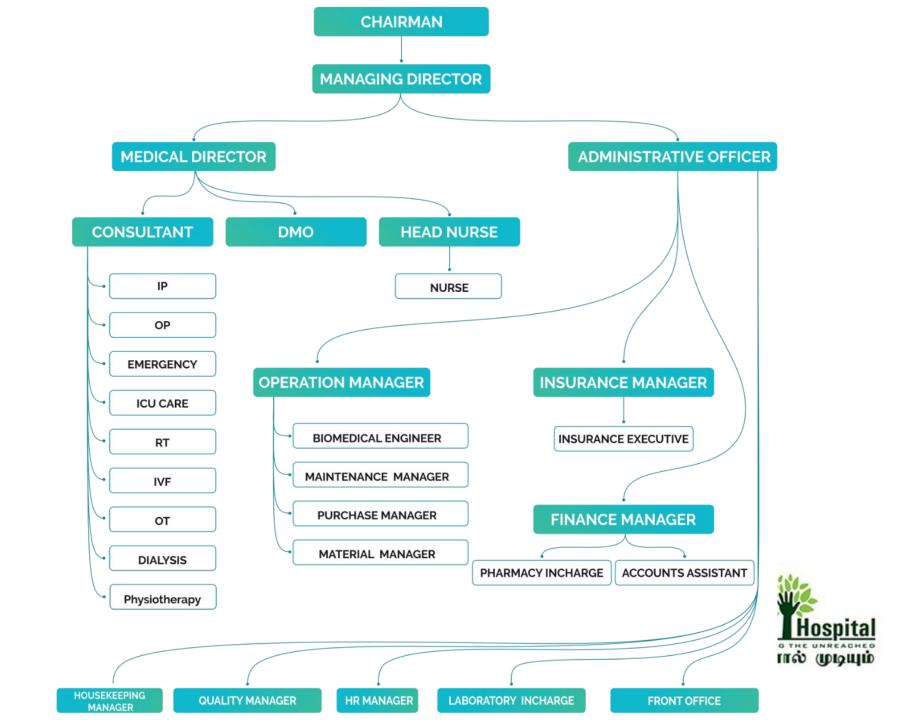
DOING JOB WITHOUT TRAINING – POOR SYSTEM



STAFFING PATTERN

CLINICAL STAFF	SUPPORIVE STAFF
OP Manager Admission / Discharge Counselor Head Nurse Ward Manager	CEO / Admin Front Office / Registration Purchase Manager Material / Store Manager Accountant Maintenance Supervisor Pharmacy Manager Biomedical Engineer





JOB RESPONSIBILITY & GUIDELINES IN SOP

- Status on Organogram
- Timing
- Pattern of work
- Registers and documentation
- Reporting



CONSTANT TRAINING & REVIEW

- Training regarding the nature of work
- Periodical Review the staffs with report





TRAINER

He should be a person

- Long term experience in hospital management
- He should understand the difficulty of staffs.
- Who should know all the duties and responsibilities of all staffs
- Bridge between the owner and staffs



CONCEPT OF PHYSICAL ATTENDANCE TO FUNCTIONAL ATTENDANCE

- Physical Presence
- Uniform & ID Card
- Daily reporting
- Punctuality in Biometric



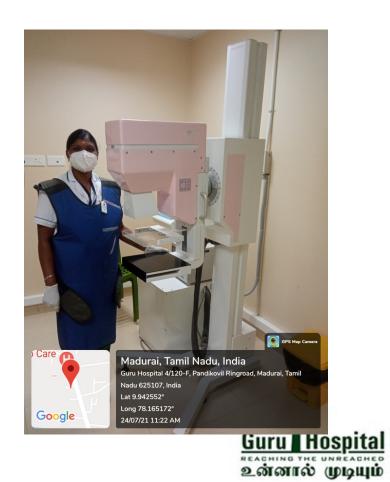
DRESS CODE - Code for discipline





DRESS CODE





SALARY

- 60 % constant
- 40 % variable

Based on his performance – Incentive

- Over time
- Fine & Penalty



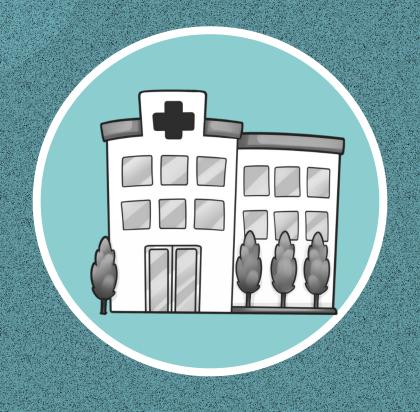
HOW TO RETAIN THE DESERVING STAFF

- Care the employee as you family
- Fulfill the needs
- Timely appreciation
- Attractive salaries
- Incentives
- Right job for the right person





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ORGANIZATION HOW SHOULD BE





STAFFING OF NURSING

S.NO	DEPARTMENT / AREA	NURSE:PATIENT RATIO
1	ICU- Ventilator Beds	1:1 Each Shift
2	ICU- Non-Ventilator Beds	1:2 Each Shift
3	High Dependency Unit (HDU)	1:3 Each Shift
4	Inpatient Beds	1:6 Each Shift
5	Operation Theatre (OT)	2 Nurses Per Table Each Shift



HR PERSONAL FILE

Personal File:

- Basic information sheet
- Joining letter
- Appointment letter
- Medical fitness sheet
- Agreement
- Training and Evaluation Certificate
- Photograph 2
- Qualification certificate
- Aadhaar copy
- Experience Certificate
- Credential and privilege for Doctors and Nurse
- Health check details
- Vaccination details
- Job responsibility
- Performance Appraisal
- Disciplinary and Grievance



HR TRAINING CALENDER

	TRAINING CALENDAR												
Month & Weeks January February March April									м	May		ine	
S.no	Program Title	Week 1	Week 3	Week 1	Week 2	Week 1	Week 3	Week 1	Week 2	Week 1	Week 3	Week 2	Week 3
1	Time Management												
2	Positive Attitude												
3	Work Life Balance												
4	Team Work												
5	Patient Care												
6	Cleanliness												
7	Etiquettes												
8	Motivation -video												
9	Fire safety in hospital												
10	Emergency Codes												
11	Occupational Health												
12	Emotional intelligence												

	Month & Weeks	Je	ıly	Au	gust	Septe	ember	Oct	ober	Nove	mber	Dece	mber
S.no	Program Title	Week 1	Week 4	Week 2	Week 4	Week 3	Week 4	Week 1	Week 2	Week 2	Week 4	Week 1	Week 4
13	Art of Practice												
14	Change management												
15	Stress Management												
16	Conflict Management												
17	Biomedical Waste Management												
18	Communication												
19	Infection Control Policy												
	Employees Rights & Responsibilities												
21	Work Culture												
22	Quality Control												
23	Motivation												
24	Performance Management												



EMPLOYEE HANDBOOK

EMPLOYEE HANDBOOK



SEQUENCE OF CASESHEET FORM

ADMISSION ORDER

Patient Registration cum undertaking Form

Admission Request

Initial Assessment By Nurse

HIV Consent

Initial Assessment By Doctor

Progress Note & Medication order

Nurses Daily Re assessment form

Drug Order Chart

Nurses Notes

Intake Out put Chart

Vital Statistics

Discharge Check List - Ward

Patient Education Councelling at Discharge

Due Check list

MRD Check list



SEQUENCE OF CASESHEET FORM

OPTIONAL

Blood Transfusion Assessment Form

Bundle Care Form

Chemo Card

RT Card

Blood Sugar Chart

Emergency Assessment Form

Wound Certificate

Accident Register

Police Intimation

Pre Operative Assessment

Pre operative Check List

Surgery Consent

Anesthesia Consent

Surgical safty Check List

Regional Anaesthesia & Post Anesthesia Recod

Post Operative Check List

Anesthesia Intra Operative Card

Operation Notes

Post Operative Order

DIL Consent

Chemotherapy Consent

Blood transmission Consent

LAMA Consent

Physiotherapy consent

ANC Consent

Consent for Restrain

CT Contrast consent

Dialysis Consent

Dialysis Re use consent



FINAL CASESHEET EVALUATION & CHECKLIST

7.00			
Guru Hospital	Patient Name : UHID :	Age / Sex :	
Source and Adding			

MEDICAL RECORD CHECKLIST - WARD

S.No.	Description	Status
1.	Patient registration form cum undertaking	
2.	Initial Assessment by Doctor	
3.	Initial Assessment by Doctor	
4.	Progress Note & Medication order	
5.	Nurses Daily Reassessment form	
6.	Drug Order Chart	
7.	Investigation Cart	
8.	Intake Out put Chart	
9.	Blood Sugar Chart	
10.	Nurses Notes	
11.	Anaesthesia consent	
12.	Surgery consent	
13.	OT Process Bundle	
14.	Blood Transfusion Assessment Form	
15.	Bundle Care Form	
16.	Case sheet hand over to MRD	
17.	Pharmacy Replacement	



SURGICAL SAFETY CHECKLIST

SURGICAL SAFETY CHECKLIST						
SURGEON NAME :	ANAESTHE	ETIST NAME :				
Before Induction of Anaesthesia Sign in	Before Skin Incision Time Out	Before Patient leaves Operating room sign out				
Patient has confirmed Identity Site Procedure Consent Site marked / not applicable Anaesthesia safety check completed Pulse eximeter on patient and Functioning Does patient have: Know allergy? No Yes Difficult airway / aspiration risk No Yes Risk of > 500ml blood loss (7 ml/kg in children)? No Yes and adequate intravenous access and fluids planned	Confirm all team members have introduced themselves by name and role Surgeon, anaesthesia professional and nurse verbally confirm Patient Site Procedure Anticipated critical events: Surgeon reviews: What are the critical or unexpected steps, operative Duration, anticipated blood loss? Anaesthesia team reviews: Are there any patient - Specific concerns? Nursing team reviews: Has sterility (including indicator results) been confirmed? Are there equipment issues or any concerns? Has antibiotic prophylaxis been given within the last 60 minutes? Yes Not applicable Is essential Imaging displayed? Yes Not applicable	Nurse Verbally confirms with the team The name of the Procedure recorded That instrument sponge and needle counts are correct (or not applicable) How the specimen is labelled including Patient Name? Whether there are any equipment problems to be addressed? Surgeon, anaesthesia professional and nurse review the key concern for recovery and management of this patient.				
Signature of the Receiving Nurse :	Signature of the Anaesthetist & Assistant	Signature of Nurse :				



EQUIPMENT - QUALITY ASSURANCE?

- Calibration of the equipment to be done every year
- Labeling of the calibrated date and next due date
- External quality assurance by the authorized company.



EQUIPMENT MAINTAINANCE?

"If you didn't Schedule time for maintenance, your equipment will schedule it for you...!"

- Equipment Master to be create with Asset Number
- History card / Log
- Periodical & Preventive Maintenance
- AMC & CMC



EQUIPMENT - ASSET LIST

EQUIPMENT - ASSET LIST



EQUIPMENT HISTORY CARD



Name of the

Equipment:

GURU HOSPITAL

4/120-F, Pandikovil Ringroad, Madurai -625107

Installed On:

EQUIPMENT HISTORY CARD

DEPARTMENT OF BIOMEDICAL ENGINEERING

Asset No:				Make & Model	:		
Loc	ation :						
Service Contact with : Contract From To Contact Person : Mobile :							
Sr. No	Details of I Calibration	Repairs / Service/	Service Called On	Equipment attended on	Serviced By	Remarks	



EQUIPMENT PREVENTIVE MAINTANANCE



GURU HOSPITAL

4/120-F, Pandikovil Ringroad, Madurai -625107

DEPARTMENT OF BIOMEDICAL ENGINEERING

Preventive Maintanance Service Report (PMS)

PMS Date :			Next Due:	
Periodical :	☐ 3 Month	☐ 6 Month ☐	12 Month	
PMS Type	:	☐ In-house	☐ Vendor	
Asset Number	:		Location	:
Name of the Equip	ment :			
Manufacturer	:			
Model Number	:			
Serial Number	:			
Accessories	:			
Check Lists				
☐ Cleaning the Pro	bes & Cable	es 🗆 Displa	ay Working (If Ap	oplicable)
☐ Calibration (If Ap	oplicable)	☐ Softw	are Updated (If	applicable)
☐ Equipment Grou	unding	☐ Power Cable	e 🗆 No	Crack / Tent
\square Working Conditi	on	☐ No Noise	□ UF	S Connection
\square Stand / Wheels		☐ Sensors		
Remarks:				



PMS done By: Er. Kailasa Sundhar Designation: Biomedical Engineer

AUTOMATISAM- MANIFOLD



AUTOMATISAM - NURSING CALLING SYSTEM





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INFECTION CONTROL PRACTICE

INFECTION CONTROL COMMITTEE

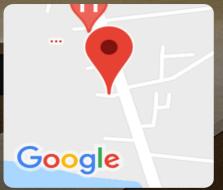
INFECTION CONTROL OFFICER

INFECTION CONTROL NURSE



INFECTION CONTROL PRACTICE





Uthangudi, Tamil Nadu, India

Sharmi dream villa Plot no 10, Bank officers enclave, Pandi Kovil Ring Rd,

Uthangudi, Tamil Nadu 625107, India

Lat 9.941946°

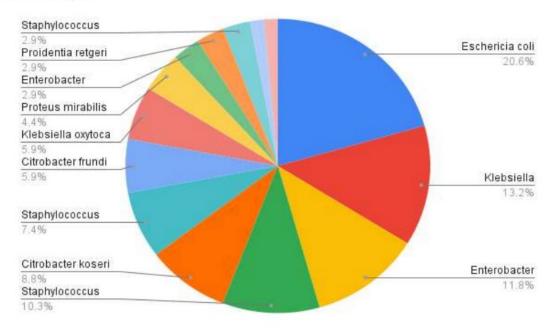
Long 78.165374°

24/07/21 12:46 PM

ANTI-BIOTIC POLICY

Most common bacteria isolated are

- 1. Eschericia coli
- 2. Klebsiella pneumoniae
- 3. Enterobacter aerogens



CAPTURE?

When there is a deviation
 in Procedure, Process and safety measures

Very few are reported & Analysed .

- Hence the Organisation should have own Capture Mechanism to find out the deviations.
- ANALYSIS -ALL INCIDENTS
 Root cause analysis ,
 Corrective action and
 Preventive Action



CAPA?

ROOT CAUSE ANALYSIS:

 Root cause analysis (RCA) is a method of problem-solving that tries to identify the root causes of faults or problems that cause operating events

CORRECTIVE ACTION :

Action to eliminate the cause of the incident and to prevent recurrence

PREVENTIVE ACTION :

Action to eliminate the cause of a potential to occur





ANALYSIS – WHERE YOU ARE?

To know the your asseet

Compare and improve



BED STATUS

No. of Sanctioned Beds	100
No. of Operational Beds	100
No. of ICU Beds	20
No. of Operation Theatres	4



DOCTORS



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AREA OF CONSTRUCTION

Registration Authority	CEA /Government of Tamilnadu
Covered Area of HCO (in Sq. Ft.)	43091
Area per Bed (in Sq. Ft.)	431



SCOPE OF SERVICES

- Anaesthesiology
- Cardiology including Interventional Cardiology
- Cardiothoracic Surgery
- Emergency Medicine
- General Medicine
- General Surgery
- Medical Gastroenterology
- Medical Oncology
- Nephrology
- Neurosurgery

- Obstetrics and Gynaecology including Reproductive Medicine
- Orthopaedic Surgery including Joint Replacement
- Otorhinolaryngology
- Plastic and Reconstructive Surgery
- Radiation Oncology
- Respiratory Medicine
- Surgical Gastroenterology
- Surgical Oncology
- Urology



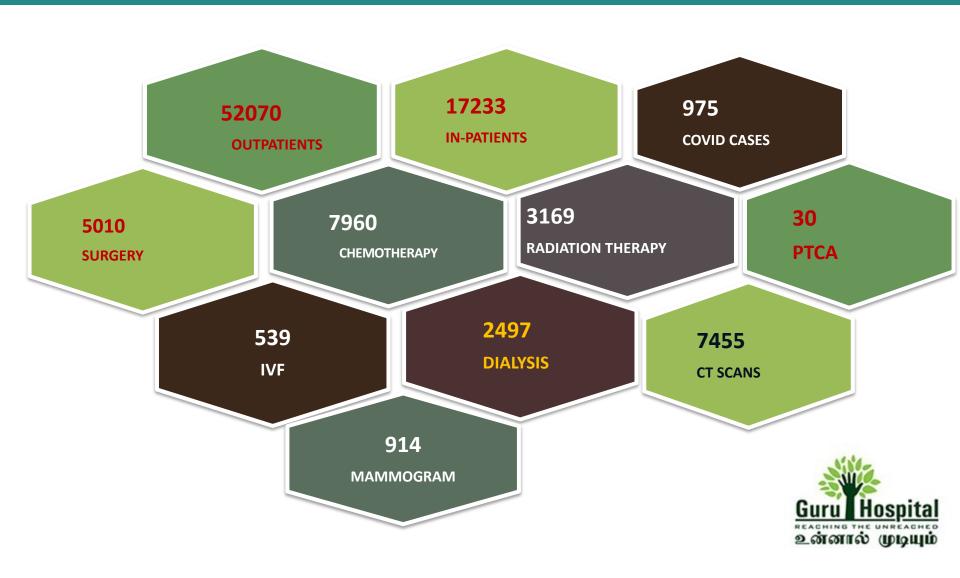
COMMONLY PERFORMED SURGERIES

- LAP low anterior resection
- Video-assisted thoracoscopic surgery
- Whipple's procedure
- Bilateral total knee replacement
- Bilateral total hip replacement
- Double valve replacement
- Glossectomy with modified radical resection
- Total thyroidectomy with lymph node dissection
- In-Vitro Fertilization
- Lobectomy
- Pneumonectomy

- Radical Hystectomy
- Radical D2 gastrectomy
- Radical prostatectomy
- Radical cystectomy Urethral reconstruction with buccal mucosa graft
- Penile implant
- Pelvic floor reconstruction-female
- Augmentation cystoplasty
- Percutaneous trans hepatic biliary drainage with metal stenting
- Peripheral arterial disease stenting
- Percutaneous nephrostomy



NO. OF PATIENTS TREATED



National Accreditation Board for Hospitals & Healthcare Providers

(Constituent Board of Quality Council of India)

CERTIFICATE OF ACCREDITATION

Guru Hospital

4/120 F, Pandikovil Ring Road, Mattuthavani Madurai - 625107, Tamil Nadu

NABH ACCREDITATION - 2022



FELLOWSHIP PROGRAMME

- Fellowship in Minimal Access Surgery 2
- Fellowship in Endo Gynecology 2

Affiliated to Dr.M.G.R Medical University.



B. Sc COURSES

- B.Sc Physician Assistant
- B.Sc OT Technician & Anesthesia Technology

Affiliated to Dr.M.G.R Medical University.





ANALYSIS - FUNCTIONAL ASSESSMENT

There are no traffic jams along the extra mile

~Ron Wild

FUNCTIONAL ASSESSMENT



 Department HOD's Sending Daily report Through SMS & Mail for Prescribed method.



REPORT BY SMS

VEHICLE		
	No of Km = (Starting KM - Closeing KM)	
	next service km	
	Cleaning time	
	Complaints	
	Driver leave status-tmw	
NIGHT MANAGER		
	NO OF ROOM LOCKED	
	LATE COMERS DETAILS	
	NO OF DISCHARGE PATIENT REMOVED FROM HIS	
	NAME OF THE PT INJ & TAP NOT GIVEN PROPARLY	
	NAME OF THE PT BED SHEET NOT CHENGED -	
	NAME OF THE PT BILLING CHART NOT ENTERD	
	PATIENT COMPLAINT	
	Guru Hosp REAGHING THE UNREA உன்னால் முடி	ACHE

REPORT BY MAIL

Sl.No	Work	Time	Responsible Person
1	Linen Change	7:00 AM - 8:00 AM	Miss.Rajeswari
2	Waste Burning	9:30 AM	Mrs.Pingala Devi
3	Fountain Motor ON	10:00 AM	Mr.Shanmugam
4	Reception Screen	11:00 AM	Mr.Shanmugam
5	Fountain Motor OFF	1:00 PM	Mr.Shanmugam
6	Garden Watering	12:00 PM - 6:00 PM	Mr.Muthusiva
7	Housekeeping Special	5:00 PM	Mrs.Pingala Devi
	Work		
8	Lights ON	6:00 PM	Mr.Shanmugam
	In-Charge Signature		A.O Signature

MONTHLY REPORT

MONTHLY REPORT



QUALITY INDICATORS - What it is?

A quantifiable measure used to evaluate the success of an organization.

Quality Indicators:

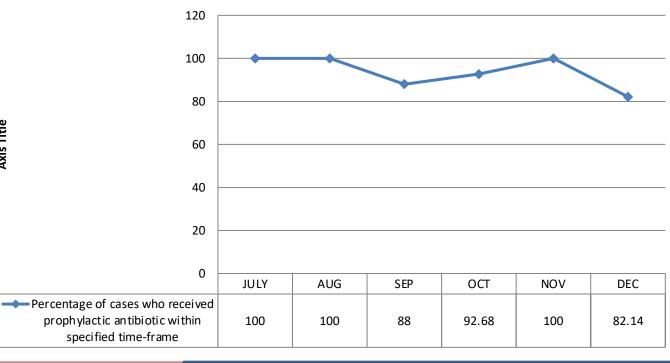


Sample Size Total number of major surgeries per month

Benchmark –

Special Remarks

Percentage of cases who received prophylactic antibiotic within specified time-frame



Root Cause Analysis

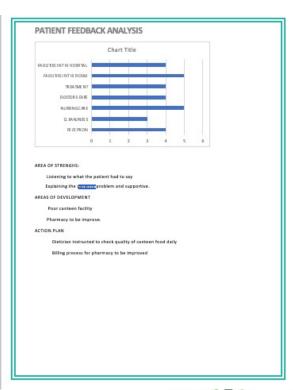
Patients who went for smaller procures such as biopsy were also included in the total number of cases- prophylactic antibiotic is not necessary in case of smaller procedures such a cervical biopsy.

CAPA

PATIENT FEEDBACK ANALYSIS

-3.00	ED - BACK FORM	1	(2)	
Guru Hospital				1
Name :	Age / Sex :	Room !		
Dr. Name : In order to improve ourselver	and to on a sten further	Date :		
we request your kind co-operation.	So could you please let u	s know your n	needs through	
this questionnaire.				
Reception	Poor	Fair	Good	
Cleanliness	Poor	Fair	Good	
 Nursing care 	Poor	Fair	Good	
Doctors care	Poor	Fair	Good	
Treatment	Poor	Fair	Good	1 4
Facilities in the room	Poor	Fair	Good	
 Facilities in the hospital 	Poor	Fair	Good	
Total care	Poor	Pair	Good	
If you feel that there is some	emore to add please	giveyour s	uggestions	1
	770-16			
Impressing factor				
Depressing factor				
Kind Request :- Do not app	reciate our employ	rees by of	ffering tips.	1
	Thank you			1







HOSPITAL CALENDER

Due Date	Particulars	
1st	House Rent - Dr.BK Father House	
1st	Electricity Charges (Hospital, Dr's House & Gents Hostel & Dr's Mother House) House - Feb, April, June, Aug, Oct & Dec	
1st	LIC	
1st	Garden Chemicals Maintenance	
1st	Airtel CUG	
5th	Airtel Dish - Dr's House(Hall)(3018955181)	
10th	Clear Medi Payment	
10th	Nephro Plus	
10th	Modem - Dr.SGB (No 8056749768)	
10th	Dr's House Rent	
15th	Internet Bill	
15th	TATA Docomo Land Line Bill	
15th	Gents Hostel Rent	
15th	Airtel Dish - Dr's House(Room)(3021289541)	
20th	HDFC EMI	
	Airtel Ipad (Prepaid No 7397163570)	



CLINICAL, OPERATING, AND FINANCIAL METRICS

FINANCIAL: Cost per bed

Revenue per bed

Avg Revenue per patient

CLINICAL: Mortality Rate

IP conversion

OP to Procedure conversion

Infection Rate

OPERATING: Occupancy Rate

Manpower per occupied bed

Material cost

Procedure volumes

Waiting time for Patients

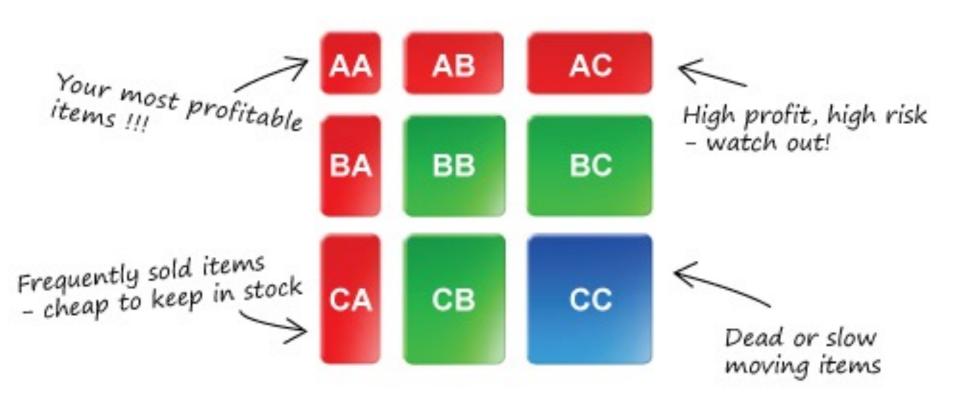


ABC ANALYSIS

De btors List 2010					
Name of Debtor	Number	Turnover	Percentage	Sum of %	
Name K	5432	\$7.885.443,00	49,75%		^
Name I	7654	\$4.532.342,00	28,59%	78,34%	A
Name A	1234	\$982.347,00	6,20%		
Name E	5678	\$869.495,00	5,49%		D
Name J	6543	\$654.335,00	4,13%		В
Name L	4321	\$567.832,00	3,58%	19,39%	
Name C	3456	\$234.923,00	1,48%		
Name G	9876	\$47.345,00	0,30%		
Name H	8765	\$34.536,00	0,22%		
Name D	4567	\$29.379,00	0,19%		
Name F	6789	\$7.455,00	0,05%		
Name B	2345	\$2.397,00	0,02%		
Name M	8921	\$2.345,00	0,01%	2,26%	
		\$15.850.174,00	100%	100%	

al io

ABC ANALYSIS

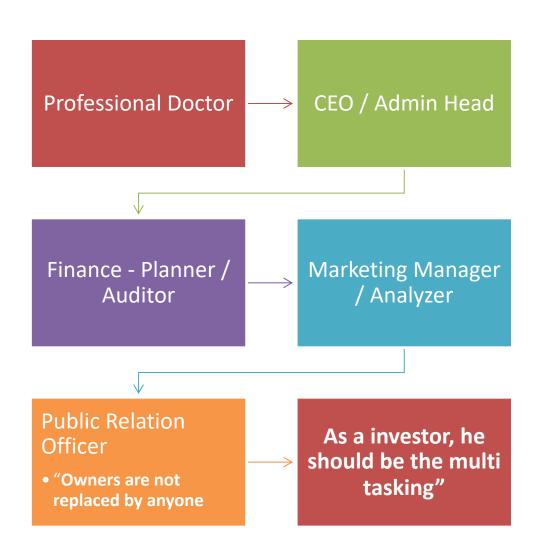


Guru Hospital

உன்னால் முடியும்



HOW THE HOSPITAL OWNER SHOULD BE





BUSY vs FREE



OWNERS ATTITUDE

Don't be busy. Be productive.



TIME MANAGEMENT

Don't mix

CLINICAL WORK

WITH
ADMIN WORK







CAN BE REPLACE WITH SOMEONE

Professional Work	Selectively
CEO / Admin Head	NO
Finance - Planner / Auditor	NO
Marketing Manager / Analyzer	NO
Public Relation Officer	NO



REPLACE SELECTIVELY

OP consultation	10 %
Surgery / Procedure	80 %
Ward Rounds	60 %



TO EXPOSE YOURSELF



SMART WORK





UPDATE YOURSELF



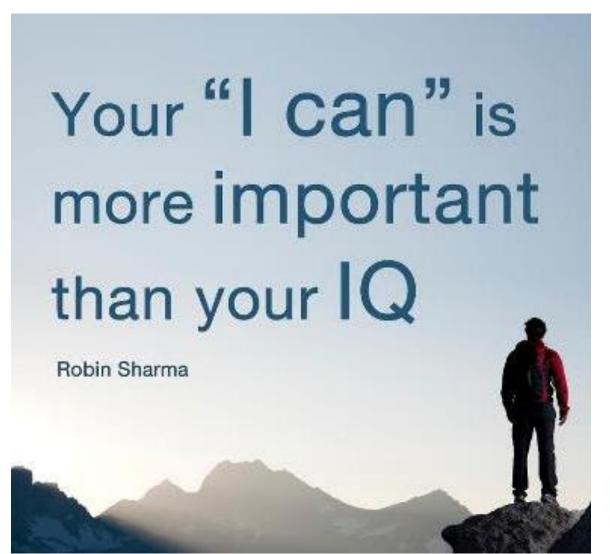




ALWAYS FEEL FREE TO APPROACH









FAMILY FIRST. WORK NEXT.

because, there's no replacement for a family lost.





நிறைய நேரம் வீணாகி விட்டது... இனியும் தாமதிக்க கூடாது.. Guru Hospital

MY WISHES TO ALL



THANK YOU...