

# INTERNSHIP PROGRAM



PARAMEDICAL - KADIRI

K.AMRUTHA

3<sup>rd</sup>-Year (B.SC) STSN GDC

Annexure-II

TITLE PAGE

PROGRAM BOOK FOR  
(SHORT-TERM / SEMESTER-TERM) INTERNSHIP



COLLEGE LOGO

Name of the Student: K. Anurutha

Name of the College: S.T. S.N Gout Degree College

Registration Number: 2042005470005

Period of Internship: 1-04-23 From: To: 1-7-23

Name & Address of the Intern Organization: SIMS multispeciality Hospital,  
Koduri

Annexure-III

INTERNSHIP REPORT FRONT PAGE

An Internship Report on

MEDICAL TECHNIANS IN HOSPITALIZATION

(Title of the Short-Term / Semester Internship Program)  
Submitted in accordance with the requirement for the degree of

3<sup>rd</sup> B.Sc CZpMT

Under the Faculty Guideship of

C. Nares

(Name of the Faculty Guide)

Department of

Paramedical Technology

(Name of the College)

S.T.S.N Gout Degree College

Submitted by:

K. Anantha

(Name of the Student)

Reg.No: 2042005470005

Department of paramedical - S.T.S.N Gout

(Name of the College)

degree College Kadiri



Annexure-IV

STUDENT'S DECLARATION

**Student's Declaration**

I, K. Anantha a student of III<sup>rd</sup> BSC (PMT) Program, Reg. No. 2042005470005 of the Department of paramedical College do hereby declare that I have completed the mandatory internship from 01-04-2023 to 1-7-2023 in SIMS Hospital (Name of the intern organization) under the Faculty Guideship of C. Nares (Name of the Faculty Guide), Department of paramedical, S.T.S.N Gout Degree College (Name of the College)

K. Anantha 21/7/23  
(Signature and Date)

Annexure-VI

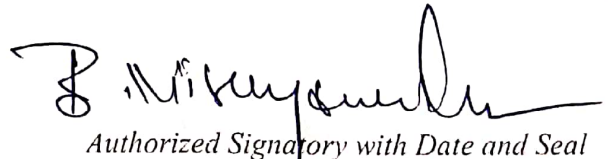
CERTIFICATE FROM INTERN ORGANIZATION

**Certificate from Intern Organization**

This is to certify that K. Anurtha (Name of the intern) Reg.  
No 2042005470005 of S.T.S.N Gout degree college (Name of the College)  
underwent internship in SIMS HOSPITAL (Name of the Intern  
Organization) from 01-04-2023 to 01-07-2023.

The overall performance of the intern during his/her internship is found to be

Satisfactory (Satisfactory/ Not Satisfactory / Good).

  
Authorized Signatory with Date and Seal

**SIMS HOSPITAL**  
Old Krishna Function Hall  
R.S Road KADIR

## Acknowledgement

I would like to express my deepest appreciation to all those who provided me the possibility to complete this report. It is with deepest sense of gratitude and reverence that I express my indebtedness to Mr. Nisar Ania MD of SIMS Hospital who granted to 4 months internship in this highly equipped and esteemed Hospital.

I take privilege to express my sincere thanks and gratitude to my internal supervisor C. Naresh who gave me guidance, constructive criticism and valuable suggestion. I feel honored to have him as my mentor my deep and sincere gratefulness is due to all the staff members of SIMS Hospital, Gurgaon who readily and clearly extended every help from the beginning till the end of this work. The support of family and friends are worth mentioning.

I am thankful to all the staff members of SIMS and Doctors and SIMS laboratory without their support and blessing this report would not have been possible.

## Executive Summary

This is an internship report on SIMS multispeciality hospital. which was established in year 2019. SIMS multispeciality hospital is one of the multispeciality hospital which is well equipped with 70 beds and specialized doctors with staff. This hospital is making its own position in serving the patients with all the specialities to satisfy their needs.

This is an internship report on hospital and medical Centre. During internship primary focus was to study the overall performance, function of an organisation. SIMS Hospital is the good private medical care organization of SIMS Hospital. It provides good treatment to diseases caused to human body with medications and treatment.

It includes the organizations strength which is making them to increase their service towards patients. Opportunities which is to be adopted by them better and future development and it also include soft and hard skills which explains the overall structure followed by them, system they have, strategy they are implementing skills, staff they have and shared value with some principles.

Lastly it includes the study of financial statement analysis, the main objective of the study to see the financial position of the organisation. SIMS multispeciality Hospital. It is well known for its service and patients satisfaction, the firm is performing better in its financial aspects as per the industry analysis, the hospital is as per the industry analysis, the hospital is performing its better to place in good position among the competitive hospital.

## Overview of the organization

A multi-speciality clinic is one in which doctors share facilities, administration, income and expenses, support staff and equipment. Doctors can specialize in related medical practices or provide a wide range of specialties.

### Purpose

The primary purpose of a multi-speciality clinic is to serve all the needs of patients in one convenient location. Physicians can consult with each other and provide tests and medications. As medicine becomes more specialized, doctors rely on peers well-versed in other areas of medicine to treat the whole patient. Various specialists can develop relationships with each other to provide complete treatment for their patient.

### Variations :-

A multi-speciality clinic may be directly owned by the participating physicians or run under the ownership of a larger health care system or hospital. While doctors may retain a vote in large, institutionally run clinics, they fundamentally lean on the hospital administration to make

most decisions regarding the overall administration of the organization. A large, physician-owned clinic may appoint a board of directors to oversee operations, with a professional executive administration hired to carry out the board's objectives.

### Structure in Skilled Nursing Facilities

Skilled nursing facilities fall under a range of organization structure of the 15 membered staff nurses. Skilled nursing services at the various organizational types primarily differ in reporting procedures.

### Patient Care Organization

The patient care is run by a director of nursing who supervises nurses, certified nursing aides and orderlies. The director of nursing is directly involved in hiring, firing and reviews of the staff. While the director of nursing typically doesn't work directly with patients.

Daily cleaning, laundry services, grounds keepers and repair personnel report to the maintenance department. Finally the nutrition department run by a certified nutritionist, prepares and serves meals to residents.

### Administrative support staff

Administrative staff members support administrative process throughout the entire hospital. front desk personnel offer reception services, from registering patients and verifying insurance to accepting co-pays and scheduling follow-up appointments. other administrative team members may focus on medical transcription, management of records or referrals for speciality care, lab work and x-rays. Coding and billing staff are experts in extracting information required by government and private insurance providers to require reimbursement for services.

## Annexure-VII

WEEKLY ACTIVITY LOGACTIVITY LOG FOR THE 01 (S.No.) WEEK

Day & Date	Brief Description of The Daily Activity	Learning Outcome	Person In-Charge Signature
Day -1	Blood Sample Collection	I learned Sample Collection	A
Day -2	Blood Sample Collection	I learned Sample Collection	A
Day -3	CBC	I learned to check RBC & WBC	A
Day -4	CBC	I learned to check RBC & WBC	A
Day -5	Urinalysis	I learned to identify acidity in urine	A
Day -6	Urinalysis	I learned to identify acidity in urine.	A

## Blood Sample Collection

The three popular methods of blood sampling collection they are:

- \* venipuncture Sampling
- \* Fingerstick Sampling
- \* Arterial Sampling

### venipuncture Sampling :-

venipuncture is the most common way to collect blood from patients. Collection takes place from a superficial vein in the upper limb, generally the median cubital vein in the arm, this vein is close to the skin that place is known as cubital fossa. That nerve is known as cubital nerve.

Cubital nerve :- This nerve travels down the arm to the wrist, hand, and ring and little fingers. It passes just under the surface of the skin near the elbow.

### Fingerstick Sampling :-

Fingerstick or finger-pick sampling involves taking a minimal amount of blood from the patient, usually from the fingertip. Fingerstick sampling is over quickly and requires very little

preparation, which helps to reduce stress and anxiety in patients.

### Arterial Sampling :-

This form of blood collection most commonly takes place in a hospital environment. It is used to identify metabolic, respiratory, and mixed acid-base disorders where  $CO_2$  levels require understanding or monitoring

while generally safe the procedure can be upsetting and painful for the patient. In addition, several potential contraindications can affect the collection site, such as an abnormal modified Allen or local infection. There is also an increased risk of bleeding complications in patients with coagulopathy.

## Complete blood Count [CBC]

- \* A Complete blood Count [CBC] is a blood test used to evaluate your overall health and detect a wide range of disorders, including anaemia, infection and leukemia.
- \* A Complete blood Count test measures several components and features of your blood, including: Red blood cells, which carry oxygen.

### RBC Count :-

- \* A red blood cell (RBC) count is a blood test that tells you how many red blood cells you have.
- \* Red blood cells contain a substance called haemoglobin, which transports oxygen around the body.
- \* Red blood cell count  $\div$  male: 4.35 - 5.65 trillion cells/ $\mu$ L<sup>\*</sup>,  
(4.35 - 5.65 million cells /mCL<sup>\*\*</sup>)

## WBC Count :-

- \* A WBC count is a blood test to measure the number of white blood cells (WBC) in the blood.
- \* WBCs are also called leukocytes. They help fight infections.
- \* White blood cell count :- 3.4 - 9.6 billion cells/L,  
(3,400 to 9,600 cells/mcL)

## Platelet Count :-

- \* A platelet count test measures the number of platelets in your blood.
- \* A lower than normal platelet count is called thrombocytopenia.
- \* This condition can cause you to bleed too much after a cut or other injury that causes bleeding.
- \* A higher than normal platelet count is called thrombocytosis.
- \* Platelet count :- male : 135 - 317 billion/L, (135,000 to 317,000/mcL) Female : 157 - 371 billion/L

## Urinalysis

Urinalysis is the physical, chemical, and microscopic examination of urine. It involves a number of tests to detect and measure various compounds that pass through the urine.

How the test is performed :-

A urine sample is needed your health care provider will tell you what type of urine sample is needed. Two common methods of collecting urine are 24/h urine collection and clean catch urine specimen.

### Physical Color and Appearance

How the urine sample looks to the naked eye :

- \* Is it clear or cloudy
- \* Is it pale, or dark yellow, or another color?

microscopic Appearance :-







- The urine sample is examined under a microscope to :-
- \* Check if there are any cells, urine crystals, urinary casts, mucus, and other substances.
  - \* Identify any bacteria or other germs.

### Chemical Appearance :-

- \* A special strip (dipstick) is used to test for substances in the urine sample.

## Annexure-VII

WEEKLY ACTIVITY LOGACTIVITY LOG FOR THE 02 (S.No.) WEEK

Day & Date	Brief Description of The Daily Activity	Learning Outcome	Person In-Charge Signature
Day -1	Creatinine Test	I learned human kidney function	
Day -2	Creatinine Test	I learned human kidney function	
Day -3	Bilirubin Test	I learned check jaundice	
Day -4	Bilirubin Test	I learned to check jaundice	
Day -5	RBS	I learned to check random Blood sugar	
Day -6	Cholesterol Test	I learned to check cholesterol in the body	

## Annexure-VII

WEEKLY ACTIVITY LOG

ACTIVITY LOG FOR THE 03 (S.No.) WEEK

Day & Date	Brief Description of The Daily Activity	Learning Outcome	Person In-Charge Signature
Day -1	Uric acid Test	I learned to uric acid Test	A
Day -2	Uric acid Test	I learned to uric acid Test	A
Day -3	Electrolyte Test	learned to identify sodium % in blood	A
Day -4	Electrolyte Test	learned to identify sodium % in blood	A
Day -5	ESR Test	I learned to Erythrocyte Sedimentation rate	A
Day -6	ESR Test	I learned to Erythrocyte Sedimentation rate	A

## Annexure-VII

WEEKLY ACTIVITY LOGACTIVITY LOG FOR THE 04 (S.No.) WEEK

Day & Date	Brief Description of The Daily Activity	Learning Outcome	Person In-Charge Signature
Day -1	CRP	I learned c- Reactive protein test	A
Day -2	CRP	I learned c- Reactive protein test	A
Day -3	CRP	I learned c- Reactive protein test	A
Day -4	Calcium Test	I learned to check calcium level	A
Day -5	Calcium Test	I learned to check calcium level	A
Day -6	Calcium Test	I learned to check calcium level in body	A

## Annexure-VII

WEEKLY ACTIVITY LOGACTIVITY LOG FOR THE 05 (S.No.) WEEK

Day & Date	Brief Description of The Daily Activity	Learning Outcome	Person In-Charge Signature
Day -1	HIV	I learned to check HIV	A
Day -2	HIV	I learned to check HIV	A
Day -3	Dengue Test	Learned to check dengue test	A
Day -4	Dengue Test	Learned to check dengue test	A
Day -5	malaria Test	Learned to check malaria Test	A
Day -6	malaria Test	Learned to identify malaria Test	A

Annexure-VII

WEEKLY ACTIVITY LOG

ACTIVITY LOG FOR THE 06 (S.No.)WEEK

Day & Date	Brief Description of The Daily Activity	Learning Outcome	Person In-Charge Signature
Day -1	TSH	learned to check Thyroid test	
Day -2	TSH	learned to check Thyroid test	
Day -3	T <sub>3</sub>	learned to check thyroid test	
Day -4	T <sub>4</sub>	learned to check thyroid test	
Day -5	uPT	learned to check urine pregnancy test	
Day -6	uPT	learned to check urine pregnancy test	

## Annexure-VII

WEEKLY ACTIVITY LOGACTIVITY LOG FOR THE 07 (S.No.) WEEK

Day & Date	Brief Description of The Daily Activity	Learning Outcome	Person In-Charge Signature
Day -1	Liver function Test	Learned to check liver function in human	A
Day - 2	Liver function Test	learned to check liver-function in human	A
Day -3	Glucose Test	learned to check Glucose level in human	A
Day -4	Glucose Test	learned to check Glucose level in human	A
Day -5	HBSAG <sub>1</sub> Test	learned to check HBSAG <sub>1</sub> Test	A
Day -6	Hepatitis - B, C	learned to check Hepatitis - B, C	A

## Annexure-VII

WEEKLY ACTIVITY LOGACTIVITY LOG FOR THE 08 (S.No.) WEEK

Day & Date	Brief Description of The Daily Activity	Learning Outcome	Person In-Charge Signature
Day -1	SGPT	learned to check proteins in the liver	A
Day -2	SGPT	learned to check proteins in the liver	A
Day -3	SGOT	learned to check enzymes	A
Day -4	SGOT	learned to check enzymes	A
Day -5	SGOT	learned to check enzymes	A
Day -6	Blood Circulation in Heart	learned about Blood circulation in Heart	A

## Annexure-VII

WEEKLY ACTIVITY LOGACTIVITY LOG FOR THE 09 (S.No.) WEEK

Day & Date	Brief Description of The Daily Activity	Learning Outcome	Person In-Charge Signature
Day -1	ECG	learned to check heart rate	Vaxem
Day -2	ECG	learned to check heart rate	Vaxem
Day -3	ECG	learned to check heart rate	Vaxem
Day -4	ECO	learned to check Echo-cardiogram	Vaxem
Day -5	ECO	learned to check echocardiogram	Vaxem
Day -6	ECO	learned to check echocardiogram	Vaxem

## Annexure-VII

WEEKLY ACTIVITY LOGACTIVITY LOG FOR THE 10 (S.No.) WEEK

Day & Date	Brief Description of The Daily Activity	Learning Outcome	Person In-Charge Signature
Day -1	Blood pressure	learned to check Blood Pressure	Vasem
Day -2	Blood pressure	learned to check Blood pressure	Vasem
Day -3	Cannula	learned to put cannula	Vasem
Day -4	Cannula	learned to keep Cannula	Vasem
Day -5	IV injection	learned to keep IV injection	Vasem
Day -6	IV injection	learned to keep IV injection	Vasem

Annexure-VII

WEEKLY ACTIVITY LOG

ACTIVITY LOG FOR THE 11 (S.No.) WEEK

Day & Date	Brief Description of The Daily Activity	Learning Outcome	Person In-Charge Signature
Day -1	IV fluids	learned about IV fluids	B
Day -2	IV fluids	learned about IV fluids	B
Day -3	IV fluids	learned about IV fluids	B
Day -4	Body fluids	learned about Body fluids	Nagib
Day -5	CSF fluid	learned about CSF fluid	Nagib
Day -6	spinal Cord	learned about Spinal Cord	Nagib

## Annexure-VII

WEEKLY ACTIVITY LOGACTIVITY LOG FOR THE 12 (S.No.) WEEK

Day & Date	Brief Description of The Daily Activity	Learning Outcome	Person In-Charge Signature
Day -1	Dressing to the patient	learned Dressing	Vasum
Day -2	Dressing to the patient	learned Dressing to the patient	Vasum
Day -3	First aid	learned first aid	Vasum
Day -4	Antibiotics	learned Antibiotics	Vasum
Day -5	paracetamol injection	learned give injection	B
Day -6	Anti - Histamines	learned the Anti - Histamines Drugs	B

## Annexure-VII

WEEKLY ACTIVITY LOGACTIVITY LOG FOR THE 13 (S.No.) WEEK

Day & Date	Brief Description of The Daily Activity	Learning Outcome	Person In-Charge Signature
Day -1	Anti inflammatory Drugs	learned Anti inflammatory Drugs	B
Day - 2	Anti inflammatory Drugs	learned pain killer Drugs	B
Day -3	Diclofenac sodium Injection	learned Diclofenac injection	B
Day -4	Diclofenac Sodium injection	learned remove pain	B
Day -5	opioid Analgesics	learned opioid Analgesics	B
Day -6	opioid Analgesics	learned opioid Analgesics	B

## Annexure-VII

WEEKLY ACTIVITY LOGACTIVITY LOG FOR THE 14 (S.No.) WEEK

Day & Date	Brief Description of The Daily Activity	Learning Outcome	Person In-Charge Signature
Day -1	Narcotic Drug	Learn about narcotic Drugs	B
Day - 2	Narcotic Drug	Learn about narcotic Drugs	B
Day -3	Pipta <sub>2</sub> 4.5gm injection	learn pipta injection	B
Day -4	Pipta <sub>2</sub> 4.5gm injection	learn pipta injection	B
Day -5	Bmw	learned about Bmw	Varun
Day -6	Bmw	learned about Biomedical waste management	Varun

