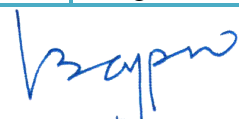


Report of training in clinical skill labs

The institute has following clinical skill labs for practical clinical training of students in various departments.

S. No.	Department	Laboratory	Nature of the Laboratory
1.	Anaestheology	Skill Lab	Skill
		Simulation Lab	Skill
2.	Clinical Immunology & Rheumatology	Autoantibody Lab	Diagnostic
		Acute Phase Reactant Lab	Diagnostic
		Immunodeficiency Lab	
		Nail Fold Capillaroscopy Lab	Diagnostic
		Ultrasound Lab	Skill
		Research Lab-1	Skill
		Research Lab-1	Skill
3.	Cardiology	Echo Lab	Diagnostic
		TMT Lab	Diagnostic
		Holter Lab	Diagnostic
		Cath Lab	Diagnostic and Skill
4.	Cardio-vascular & Thoracic Surgery (CVTS)		
5.	Critical care Medicine (CCM)	None	N/A
6.	Emergency Medicine		
7.	Endocrinology		
8.	Endocrine & Breast Surgery		
9.	Gastroenterology	Endoscopy Theater (E-Block)	Diagnostic and Skill
		Endoscopy Theater (Naveen OPD)	Diagnostic and Skill
		GE Serology Lab	Diagnostic and Research
		GE Biochemistry Lab	Diagnostic and Research
		GI Physiology and Manometry Lab	Diagnostic and Skill
10.	Hematology	Bone Marrow Procedure Theater	Skill
		Cancer Cytogenetics Lab	Diagnostic and Skill
		Coagulation Lab	Diagnostic
		Flow Cytometry Lab	Diagnostic and Skill
		Hemolytic Anemia Lab	Diagnostic
		Microbial Hematology Lab	Diagnostic
		Molecular Hematology Lab	Diagnostic and



			Skill
		Morphology Lab	Diagnostic and Skill
		Myeloma Lab	Diagnostic
		Transplant Biology Lab	Diagnostic
11.	Hepatology	Endoscopy Theater	Diagnostic and Skill
		Endoscopic Ultrasound Lab	Diagnostic and Skill
		Hepatitis Molecular Lab	Diagnostic and Skill
		Hepatitis Serology Lab	Diagnostic and Skill
		Liver Physiology Lab	Diagnostic and Skill
12.	Maternal & Reproductive Health	Ultrasound Lab	Diagnostic
		Patient Simulation Lab	Skill
13.	Medical Genetics	Biochemical Genetics Lab	Diagnostic
		Cytogenetics Lab	Diagnostic
		Genetic Hematology Lab	Diagnostic
		Immunogenetics Lab	Diagnostic
		Molecular Genetics Lab	Diagnostic
		Research Lab-1	Skill
		Research Lab-2	Skill
Research Lab-3	Skill		
14.	Medical Oncology	Medical Physics Lab	Skill
15.	Microbiology		
16.	Neonatology	AABR Lab	Diagnostic
17.	Nephrology	Transplant Immunology Lab	Diagnostic
		Renal Drug Assay Lab	Diagnostic
		Renal Biochemistry Lab	Diagnostic
18.	Neurology	Neurochemistry Lab	Skill
		Neurophysiology Lab	Diagnostic and Skill
		Sleep Lab	Diagnostic and Skill
19.	Neurosurgery	Neurovascular Anastomosis Lab	Skill
		Endoscopy, Audiometry, Hearing Add, and Pediatric Audiology Lab	Diagnostic
		Temporal Bone Lab	Skill
20.	Nuclear Medicine		
21.	Ophthalmology	Refraction Lab	Diagnostic
		Glaucoma Lab	Diagnostic and Skill
		Retina Lab	Diagnostic and Skill
		Cornea Lab	Diagnostic and Skill



		Oculoplasty Lab	Diagnostic and Skill		
22.	Pathology	Reporting Lab	Diagnostic		
		Cytopathology Lab	Diagnostic		
		Hamatology, Coagulation and Body-fluid Lab	Diagnostic		
		Gross Lab	Skill		
		Histopathology Lab	Diagnostic and Skill		
		Immunohistochemistry Lab	Diagnostic and Skill		
		Immunofluorescence Lab	Diagnostic and Skill		
		Electron Microscopy Lab	Diagnostic and Skill		
		Fluorescent-in-situ-hybridization (FISH) Lab	Diagnostic and Skill		
		Molecular Lab	Diagnostic and Skill		
		Clinical chemistry Lab	Diagnostic		
23.	Pediatric Gastroenterology	Pediatric Gastro Lab	Diagnostic		
24.	Pediatric Surgery Superspecialities	Laparoscopic Simulation Lab	Skill		
		Aerodynamic Lab	Diagnostic		
25.	Plastic Surgery & Burns	None	N/A		
26.	Pulmonary Medicine	Pulmonary Function Test Lab	Diagnostic and Skill		
		Polysomnography Lab	Diagnostic and Skill		
		Bronchoscopy Lab	Diagnostic and Skill		
		Interventional Pulmonology lab	Diagnostic and Skill		
27.	Radiodiagnosis				
28.	Radiotherapy	Medical Physics Lab	Skill		
29.	Surgical Gastroenterology				
30.	Transfusion Medicine	Blood Component Lab	Diagnostic		
		Cross Match Lab	Diagnostic		
		Donor Apheresis & Therapeutic Plasma Exchange Lab	Diagnostic and Skill		
		Hemostasis Lab	Diagnostic and Skill		
		Immunoematology Lab	Diagnostic		
		Molecular Lab	Skil		
		Nucleic Acid Lab	Diagnostic and Skill		
		Quality Control Lab	Diagnostic		
		31.	Urology	Urology Research Lab	Diagnostic and Skill



Training conducted in skill labs

Serial Number	Training Name	Skill Lab	Skills learned	Participants	Date
1	CSI-NIC (National interventional council) meet	Cath lab	Angiography and stenting	Young cardiology faculty and DM students	5 to 7 May 2019
2	CPR workshop	Simulation Lab	CPR	Graduate and Post Graduate and students	10-09-2021
3	Hospital Infection Control	Hospital Surveillance Lab	Infection Control Techniques	Post Graduate and Nursing students	23-09-2019 to 25-09-2019
4	Epidural analgesia: Technical issues	Simulation Lab	Epidural analgesia	Post Graduate students	01-12-2018
5	PPE training and sample collection technique	Virology Lab	PPE donning and doffing	All HCWs of institute and other hospitals of UP	During COVID-19 outbreak
6	Genetics: Laboratory to bedside	Genetics lab	Detection of genetic abnormality	Post Graduate students	28-08-2021
7	International Breast Reconstruction & Aesthetic Surgery Conference & workshop, Lucknow	Endocrine surgery OT	Breast Reconstruction & Aesthetic Surgery	MCh students	17-11-2023 to 19-11-2023
8	recent updates in Transplant Pathology	Pathology Lab	Transplant pathology	Post Graduate students	12-12-2023
9	New Molecular Diagnostic Targets for Women's Reproductive Health"	Molecular lab	Molecular techniques for womens reproductive health	Post Graduate students and PDCC students of MRH	24-09-2022
10	Molecular genetic technique	Core research lab	Molecular Genetic Technique" organized by Central Research Facility, SGPGIMS, Lucknow	Post Graduate students and PDCC students of genetics studnets	17th -19th November 2022
11	Neonatal nursing workshop	Neonatal lab	Neonatal nursing	Post Graduate students and PDCC students of	14/5/2023

				neonatology students	
12	National Symposium on stem Cell & Cellular therapy in Human disease	Stem cell center	Stem cell therapy	Post Graduate students and PhD students	18/11/2022
13	Fundamental critical care course	Critical care lab and simulation lab	Critical care	MBBS, Post Graduate student, Nursing student	23/04/204 to 24/04/2024
14	Robotic thyroidectomy workshop	Robotic OT	Robotic thyroidectomy	DM students and young faculty	22/07/2022 to 23/07/2022
15	Midwives training	Nursing lab	Natural birth	Nursing students and midwives	17-3-2023 to 19-3-2023



Brochures of few training programs and workshops

FOGSI Medical Disorders in Pregnancy Committee
In association with Genetic & Fetal Medicine Committee
ADDRESSING PATIENT NEEDS FOR HEALTHY PREGNANCY: ROLE OF NEW GENERATION FOLATE
DATE: 24th Nov 2020
Time: 8:00 PM - 8:00 PM
1 COG Point granted on registration

FOGSI FETUS DAY
FETUS: *Do You Know Me Enough?*
31st October 2021 9:30 AM - 2:00 PM
Chief Guests: Dr. P. K. Singh, Dr. Anita Singh

GENETICS FOR PRACTICING OBSTETRICIAN
PROF. MANDAKINI PRADHAN
*1 COG Point / Certificate Per Lecture
Link: <http://cmeworld.org/fogsi>

Stillbirth Society of India
Committee for Study of Stillbirths from Rh-Sensitization Webinar
Date & Time: 29th January 2022, Saturday, 6.30 – 8.00 pm
Chair of the Committee: Dr. Mandakini Pradhan
Secretary of the Committee: Dr. Naini Tandon
Chairperson: Dr. Vatsala Dadwal, AIBMS, New Delhi

Genetics and Fetal Medicine Committee, FOGSI
On 20th January 2021
Welcomes you to the webinar **Screening for Genetic Disorder** at 03.00 PM – 05.00 PM

Topic	Speaker
What are single gene disorders	Dr Shagun Agarwal, Associate Professor, NIZAM Institute of Medical Sciences, Hyderabad
Carrier Screening for Single gene disorder	Dr Sheetal Sharda, Senior Consultant in Clinical Genetics, Bangalore
Expanding Non-invasive Prenatal Testing	Dr Priya Kadam, Associate Director, Reproductive Genomics, Bangalore

1 COG Point
Link: <http://bit.ly/3bxwRq>
Sponsored by Madgenome

BRASCON
17th-19th November 2023
International Breast Reconstruction & Aesthetic Surgery Conference and Workshop, Lucknow
Abstract Submission Till 30th Sept. 2023
REGISTER NOW

Sanjay Gandhi Postgraduate Institute of Medical Sciences
Raebareli Road, Lucknow
CME on Recent Updates in Transplant Pathology
12th December 2023
Telemedicine Auditorium, SGPGIMS

Varun Bajpai

Sanjay Gandhi Postgraduate Institute of Medical Sciences, Lucknow

Department of Endocrine Surgery

Sl. No.	Name of Skill	Year of establishment	Used in training program (program name and date)
1.	Tumor Markers Laboratory	2002	MCh endocrine surgery. 2004
2.	Minimally invasive surgery skills lab	2004	MCh endocrine surgery. 2004



Signature of HOD

(Dr. Gaurav Agarwal)
Professor & Head
Dept. of Endocrine Surgery
S.G.P.G.I.M.S., Lucknow



Lt Col Varun Bajpai VSM
Executive Registrar
SGPGIMS, Lucknow



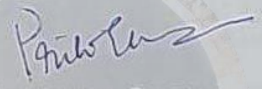
DEPARTMENT OF TRANSFUSION MEDICINE
संजय गाँधी स्नातकोत्तर आयुर्विज्ञान संस्थान, लखनऊ
SANJAY GANDHI POSTGRADUATE INSTITUTE OF MEDICAL SCIENCES
Raebareli Road, Lucknow-226014 INDIA

Department of Transfusion Medicine

PBT/TM/6016/2024
Dated: 10/04/2024

S. N.	Name of Skill	Year of Establishment	Training program name & date
1	Blood Donation & Apheresis (in donors) including Therapeutic Plasma Exchange (in patients)	1990	1. These skill/diagnostic labs are used yearly for NACO /UPSACS training programs involving medical officers, lab technicians and nurses from across the state 2. Short term training of blood bank doctors from Bokaro General Hospital, Bokaro (Jharkhand) in 2021; Firozabad in 2020; Civil hospital Lucknow in 2019 to name a few in recent times 3. Hemophilia lab diagnosis training program for doctors & technicians on 28-29 April 2017.
2	Crossmatch Lab	1990	
3	Immunoematology	2002	
4	Quality Control & Hemostasis Lab	2002	
5	Component Lab	1990	
6	Molecular Lab	2014	
7	NAT Lab	2014	
8	Transfusion Transmitted Infections Lab	1990	

In addition to routine patient diagnostics these labs are being used for training of MD Transfusion Medicine students since 1993, PDCC Apheresis Technology & Blood Component Therapy since 2001 and BSc-MLT (Transfusion Medicine) since 2022.


Signature of HOD
Dr. Priti Elhence
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Professor & Head
Department of Medical Genetics


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 Lucknow-226014 (India)

Sanjay Gandhi Postgraduate Institute of Medical Sciences Lucknow

Department of Medical Genetics

S No	Name of Skill	Year of establishment	Used in training program (Program name and date)	
1	Biochemical genetics lab (Enzyme assays)	2011	These skill labs are used for demonstrations during- 1) YearlyICMR Course (15 days) on Medical Genetics and Genetic Counselling 2) Observers and short term training in MSc programmes	
2	Cytogenetics	Karyotype		1989
		MLPA		2012
		QFPCR		2014
		Microarray		2012
3	Genetic Haematology	1989		
4	Molecular genetics	Sanger sequencing		2005
		TPPCR		2015
5	Research lab (NGS lab)	2015		
6	New-born screening lab	2012		
7	Research lab (Stem cell culture lab)	2020		
8	Research lab (Molecular biology lab)	1989		
9	Research lab (Culture lab)	2020		

**In addition to routine patient diagnostics, these labs are being used for training DM medical students since 1990, PDCC clinical and molecular genetics since 2021 and MSc Genetic counselling since 2022.*


 10/04/2024

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