



POST GRADUATE INSTITUTE OF CHILD HEALTH, NOIDA

**STRONG FOUNDATION LEADS TO A GRATIFYING
OUTCOME**

The pic says a lot about
the father's effort,
but the kid only see's the mother's love

Patient

Clinician

Pathologist



*The pic says a lot about
the Pathologist's effort
but the patient only sees the Clinician's face*

Dr. Rajendra Thigale..MD..Path.



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Image courtesy : Dr Neema Tiwari

A WINDOW TO MY DEPARTMENT

-DR MEGHA SAWHNEY

Pathologists- We are "jhanch ke doctor" for common man,
But we clear the clinician's doubts as far as we can.
We handle samples and biopsies so tender,
Treatment of patient depends on diagnosis we render.

So let the journey of department unmask,
Starting from scratch to becoming the best was a tedious task.
Foundation of department was laid in 2015,
With only three pathologists..... so enthusiastic and keen.

Dr. Jyotsna with her leadership skills so extreme,
To flourish and prosper the department was her biggest dream.
In 2018, we shifted from floor one to five,
With proper space and equipment lab got new life.

Dr. Jyotsna with her keen vision,
Dr. Savitri handling coagulation division,
Dr. Devajit with his teaching skills so pure,
Together have taken the department to new level for sure.

All sections- Histology, cytology and hematology are here,
IHC, Frozen and coagulation adding cream to this layer.



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Patient's well being is our prime concern,
To achieve this, our technical staff has left no stone unturned.

**Our new faculty(Dr Megha,Dr Neema,Dr Akanksha) is ready to grab any chance,
Under HOD ma'am guidance, we all will continue to advance.**

The poem expresses my short experience and impression of the department and I thank Director Dr A.K Singh sir for his blessings and giving me the opportunity to work in such a wonderful department. My attempt will be to contribute in the growth of the department and the institute.



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WHO AM I.....THE DOCTOR'S DOCTOR

-Neema Tiwari

Who are you?.....they ask(patients)
No stethoscope, no mask
No green gowns, no scalpel
No grand rounds,no OPD blocks

Where do you stay?.....they ask
No waiting rooms, no magical theatres
No crowded OPDs or hustling patients to cater

What do you do?.....they ask
No chirurgerie, no showmanship
No drugs or magical potion to give

To them I say.....
I stay in my world hidden from your eyes,
My love for lab coats, test tubes, blood and slides
My microscope is my scalpel, my stains are my potion,
my equipment my stethoscope, my lab my theatre

My corridors are quiet
But my mind is bustling ,like Sherlock its hustling
Making the diagnosis , to end your suffering.....

You may not see me, know me or feel(my presence)
I am the 'CONDUCTOR' to the orchestra.....

'Who are you?'.....You ask,
I am a Pathologist also called by some -THE DOCTOR'S DOCTOR



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DEPARTMENTAL PICTURES



Left to Right:

Sitting (Faculty)-Dr. Akanksha Bhatia, Dr. Neema Tiwari, Dr. Devajit Nath, Dr. Jyotsna Madan, Dr. Savitri Singh, Dr. Megha Sawhney

Standing (Residents)- Dr. Sorav Kumar, Dr. Sachin Verma, Dr. Khushboo Arora, Dr. Neha, Dr. Surbhi Patel, Dr. Harsh Vardhan



Left to Right:

Sitting (Faculty)-Dr. Akanksha Bhatia, Dr. Neema Tiwari, Dr. Devajit Nath, Dr. Jyotsna Madan, Dr. Savitri Singh, Dr. Megha Sawhney

Standing (Technical & Support Staff)- Mr. Abhishek, Mr. Ram Singh, Mr. Mahesh, Mrs. Ruby Yadav, Mrs. Monika Singh, Mr. Alok Bhatnagar, Mr. Manish Verma, Mr. Mayank Pandey



OVERVIEW

1. Introduction

- Role of Pediatric Pathology in the current scenario
- A Brief History of the Department
- Gratitude to all the Directors of PGICH

2. Origins and Evolution

- The Early Years: Establishing a Vision
- Milestones in Pathology at the Institute

3. Faculty and Staff

- List of faculty members
- Their Contributions to Pathology and the Institution
- Technical and Support staff

4. Subspecialties of Pathology

- Histopathology, Cytopathology, Hematopathology
- Department data of tests
- The Department's Specialization and Expertise

5. Academics

- Teaching and training
- Academic activities

6. Research Frontiers

- Key Research Publications
- Collaborations

7. Pathology at the Forefront

- Case Studies in Diagnosis and Treatment

8. Looking forward

- The Department's Strategic Vision for the Next Decade

9. Photo Gallery

Academic activities

Social events

Department in media



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“Children are not small adults” from pathology department perspective: The Tiny Sample

Compiled by:Dr Surbhi Patel(Non PG JR)

Dr. Jain, a pathologist, received a biopsy sample from 7-year-old Aarav, suspected of having a rare childhood cancer. The lab technician, new to pediatric pathology, processed the sample using standard adult protocols.

Dr. Jain noticed the mistake.

“We can’t use adult reference ranges for pediatric patients,” she explained. “Their normal values differ significantly.”

The technician was puzzled.

“But isn’t it just a smaller version of an adult sample?”

Dr. Jain clarified, “Children’s organs, tissues, and cells develop at varying rates. We need age-specific reference ranges to accurately diagnose and treat.”Dr. Jain re-ran the tests using pediatric-specific protocols.

The results revealed Aarav had a unique pediatric cancer subtype, requiring targeted treatment. Aarav’s oncologist adjusted the treatment plan.

The pathology team realized:

- 1. Pediatric samples require specialized handling.**
- 2. Age-specific reference ranges are crucial.**
- 3. Childhood diseases have distinct pathological features.**

Dr. Jain presented the case at the hospital’s grand rounds: “Children are not small adults, especially in pathology. Tailored diagnostic approaches save lives.”

Moral: Pediatric pathology demands unique expertise; accurate diagnoses depend on age-specific considerations



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ROLE OF PEDIATRIC PATHOLOGY IN THE CURRENT SCENARIO

“Children are not small adults”

The above statement highlights the unique physiological and developmental differences between children and adults, especially in the context of pathology. Diseases can manifest differently in children, and their response to treatments varies significantly from adults. Pathology is a cornerstone of medical diagnosis and treatment, and its role becomes particularly significant in a pediatric institute, where the focus is on understanding and treating diseases that affect children from infancy through adolescence. Pediatric pathology encompasses the study of disease mechanisms, diagnostic procedures, and therapeutic guidance tailored to the unique physiological and developmental characteristics of children. This specialized branch of pathology plays a critical role in ensuring accurate diagnosis, guiding treatment, and contributing to research on pediatric diseases.

Pathologists in a pediatric institute work in close collaboration with a multidisciplinary team of healthcare providers, including pediatricians, neonatologists, surgeons, oncologists, and radiologists. This collaboration ensures that each patient receives comprehensive, individualized care based on the most accurate and up-to-date information. Pediatric pathologists often participate in multidisciplinary teachings and clinical case discussions, providing critical insights into the pathology of each case, which directly impacts treatment planning.



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A BRIEF HISTORY OF THE DEPARTMENT

The Department of Pathology, PGICH was started in the year 2015 with expansion in the year 2016-17.

The department has come a long way, growing slowly yet steadily in its effort to achieve its objectives of providing a holistic diagnostic facility for the pediatric population and providing teaching, training, and research in the field of Paediatric Pathology.

Currently, the department provides diagnostic facilities in- Histopathology including Immunohistochemistry, Frozen Section, Cytopathology, Hematopathology, Specialized Hematology, and Clinical Pathology, supervised by pathologist with expertise and experience in their respective field of diagnostic research and medical education.

VISION

To establish a state of the art laboratory to provide comprehensive and quality services in the field of diagnostic pathology and medical research



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GRATITUDE TO ALL THE DIRECTORS OF PGICH

THE EARLY YEARS: ESTABLISHING A VISION

“The Journey of A Thousand Miles Begins with one small step”- Lao Tzu

The Beginning

Pediatric pathology plays a crucial role in the healthcare system of Uttar Pradesh, one of the most populous and socio-economically diverse states in India. The importance of pediatric pathology in Uttar Pradesh is amplified by several factors, including the state’s high child population, significant burden of childhood diseases, and the need for early diagnosis and effective treatment to reduce morbidity and mortality among children.

The Journey

Popularly known as Child PGI, the **Postgraduate Institute of Child Health, Noida** as a premier medical institution in Uttar Pradesh was made functional towards the end of year 2015 with an aim to specialize in pediatric healthcare, education, and research. As a part of its comprehensive pediatric services, pediatric pathology soon became an important component of the institute’s offerings. The Department attracted considerable experienced brain and motivated souls for joining hands in contributions towards the development of pediatric pathology of the region. Like any other budding system, START UP problems were observed soon with the operationalisation of the services. The ambitions were high and the challenges were formidable as the precious life and wellbeing of the children was at the stake.





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Construction of Pathology lab at 5th floor

By the end of December 2015, the outpatient clinics were initiated and the basic pathology laboratory services were started. Soon, with the joining of more faculty members, the services extended to inpatient care services in April 2016 and emergency care services in July 2016. With the setting of hematology and basic clinical pathology lab in 2015 in a small cornerstone in the Institute, development and construction of the Department and the lab with constant touch with the civil and engineering section becoming a challenge and a learning experience to the newly joined faculty members. As we were winding off 2016, Fine Needle Aspiration Cytology(FNAC) was started along with image guided procedure, all due to good support and cooperation from our Radiology Department colleagues. With the dawn of 2017, Fluid Cytology and subsequently bone marrow aspiration cytology were the major added investigation to the Department. As the newly constructed lab and the Department were inaugurated, the setting up of histopathology and subsequently immunohistochemistry became the milestone for the department in 2018-19.

As with any budding institute, considerable efforts were being paid by the faculty members with constant support from the administrative authority for training and teaching of the technical and other manpower staff from the premier institute like SGPGIMS, Lucknow and AIIMS, Delhi. With these specialised services, soon the department started gaining recognition and faith of the patient as well as the clinician with quality and timely reporting of the cases. In addition, Departmental museum, and Library were setup to meet the upcoming academic criteria of the national commission. Parallely, department loudly announced its presence in the national and the international academic arena with consistent conduct of quality academic activities in pediatric pathology. By the end of year 2019, the workload of the department was displaying an impressive rise in the number of investigations.





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Inauguration of New Equipment in Pathology lab

The processes for conducting teaching courses under National Medical Commission (NMC), National Board of Examinations in Medical Sciences (NBE) and various academic societies were satisfactorily progressing and so was that of acquiring and strengthening departmental infrastructure. The approval of DNB Pathology programme under NBME by 2023 became a major boost to the department. The functioning of the Department gradually accelerated with the consistent administrative support and guidance from the higher authority as well as from the governing body and the society of the institute.

Not very different from all the health facilities around the world, PGICH displayed its altruism, calibre and valour during the testing times across the worldwide covid pandemic by rising to the occasion. Initially designated as a covid care hospital for regional population during the year 2020, it was transformed into 100 bedded exclusive pediatric covid care centre during the worst affecting phase of pandemic in the middle of year 2021. The PGICH Pathology departmental faculty and staff effectively performed as a team for ensuring diagnostic services, effective teaching activities and innovative research which later published in various peer reviewed indexed journals of repute. Disruption of ongoing pathology laboratory services during pandemic led to substantial crash in the community following, decline in the statistics and the case load of the Department which was built over last few years. This loss proved formidable even for considerable period after the resumption of the original service state.

Post pandemic brought a new sunrise in the timeline of the institute and to the department with it catching up the lost pace with a magnificent display of resilience and determination. Within few months, the performance of the department surpassed the previous best and it was well evident across the statistics.

Future Directions and Challenges:

While the pediatric pathology department at PGICH Noida is well-established, there are areas for growth:

- **Expanding Molecular Pathology and Hematology:** As personalized medicine and genetic testing become more integral to healthcare, department aims to expand its capabilities in molecular diagnostics, especially for oncopathology and metabolic disorders in children. Keeping in view of expanding diagnostic and research workup of hemoglobinopathy with high incidence and prevalence in the Northern part of



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India, Liquid Chromatography (HPLC) will be an added tool to the department and its inclusion in the equipment armamentarium is anticipated very soon.

- **Addressing Resource Limitations:** Like many healthcare institutions in India, department faces challenges related to resources, staffing, and infrastructure. In order to mitigate the space constraint, shifting of the existing department with construction of new lab is being undertaken within the hospital campus Tower 9. Expanding laboratory capabilities and recruiting specialized trained technical staff will be crucial for the continued growth of pediatric pathology services.
- **Research Collaborations:** Strengthening research collaborations with national and international institutions can help department continue its contribution to advancements in pediatric pathology.

Every Ending has a Beginning

To conclude our journey, **Postgraduate Institute of Child Health, Noida**, is a leader in pediatric care in Uttar Pradesh, with pediatric pathology playing a vital role in diagnosing various diseases in children. Our departmental focus on education, research, and diagnostic excellence makes it a key player in improving pediatric pathology in the region. Expanding its capabilities in pathology, particularly in the areas of oncopathology and molecular diagnostics, will further enhance its ability to address the complex healthcare needs of children in Uttar Pradesh and beyond.

-Dr. Devajit Nath



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MILESTONES

IN

PATHOLOGY AT THE

INSTITUTE



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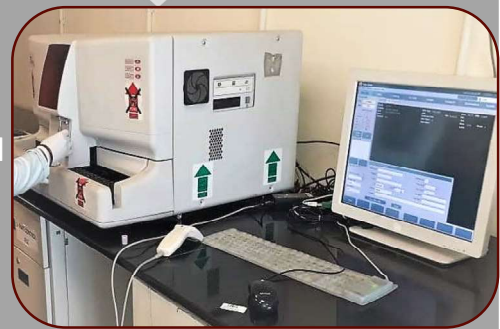
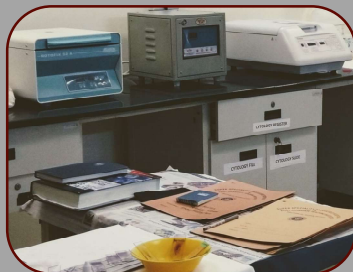
December 2015- Department of Pathology at PGICH was started, with 3 part hematology analyzer and clinical pathology



2016- Fine needle aspiration cytology FNAC was started



2017- Cytopathology was established and bone marrow examination was started; 5 part CBC analyzer was aquired



2017- Histopathology and frozen section were started



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Histopathology

शरीर के अंदरूनी अंग के टुकड़े की जाँच

Biopsy Test

The collage consists of six small images arranged in a grid. The top-left image shows a person in a white lab coat working at a workstation with a computer monitor. The top-right image shows a person in a white lab coat using a microscope. The center image is a large white centrifuge machine with blue handles. The bottom-left image shows a person in a white lab coat using a scalpel to cut a tissue sample. The bottom-middle image shows a person in a white lab coat using a microscope. The bottom-right image shows a person in a white lab coat using a microscope.





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2019- Immunohistochemistry and Inhibitor screen were started



2020- Factor assays were started



2021- Pentahead teaching microscope was aquired and Bethesda assay was started



Shot on OnePlus
By Deyajit



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DEPARTMENTAL LIBRARY & PATHOLOGY MUSEUM:
established in 2018 with an aim to expand teaching
curriculum



DEPARTMENTAL LIBRARY

MUSEUM SPECIMENS

FRS-OV2-HAEMORRHAGE
OVARIAN



GIT1-INTESTINAL
PERFORATION



FRS-UT1 BENIGN-LIOMYOMA
UTERUS/FIBROID



SFT3-ARTERIOVENOUS
MALFORMATION





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LIST OF FACULTY MEMBERS

Name	Designation	Date of Joining
Dr Jyotsna Madan	Professor and Head	4.12.2015
Dr Savitri Singh	Professor	5.12.2015
Dr Devajit Nath	Additional Professor	31.12.2015
Dr Megha Sawhney	Associate Professor	10.04.2024
Dr Neema Tiwari	Assistant Professor	29.01.2024
Dr Akanksha Bhatia	Assistant Professor	06.03.2024



Dr. Jyotsna Madan

Designation: Professor & Head

Qualifications: MBBS, MD, Pathology

Areas of interest: Histopathology and GI Pathology

Registration No.: MCI/ 2883

Contact (Email & mobile): drjyotsnamadan@yahoo.co.in, 9810219105



Dr. Savitri Singh

Designation: Professor

Qualifications: MBBS, MD, Pathology

Registration No.: MCI/ 35919 MBBS MD – 33398 DMC

Areas of Interest: Hematology including Bone marrow pathology, HLH, PID, Coagulation disorders, Leukemia Flowcytometry, Cytopathology

Contact (Email & mobile): savipath8@gmail.com, 9873727332



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Dr. Devajit Nath

Designation: Additional Professor

Qualifications: MBBS, MD, CNC (RENAL PATH)

Registration No.: MCI/ 15-17339

Areas of Interest: Histopathology, Renal Pathology, cardiac Pathology, Pulmonary Pathology, Cytopathology

Contact (Email & mobile): devajit_nath@yahoo.co.in, 7011979814



Dr. Megha Sawhney

Designation: Associate Professor

Qualifications: MBBS, MD (Path), DNB (Path)

Registration No.: MCI/ 15-20094

Areas of Interest: Cytopathology, Head and neck histopathology

Contact (Email and mobile): drmegharalli@gmail.com, 7206191047



Dr. Neema Tiwari

Designation: Assistant Professor

Qualifications: MBBS, MD (Path), FICO (Mol Path), MNAMS

Registration No.: State Medical Council U.P. – 9498

Areas of Interest: Oncopathology, hematology, Molecular pathology

Contact (Email and mobile): nehaneemat@yahoo.co.in, 9140435771



Dr. Akanksha Bhatia

Designation: Assistant Professor

Qualifications: MBBS, MD (Path), DNB (Path)

Registration No.: 80898 (DMC)

Areas of Interest: Oncopathology and Hematopathology

Contact (Email and mobile): drakankshabhatia@gmail.com, 9739712901



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CONTRIBUTIONS TO PATHOLOGY AND THE INSTITUTION

FACULTY TRAINING/ ACHIEVEMENTS

International:-

- Training in fetal autopsy and placental Pathology from Royal London Hospital ,Queen Mary University of London,UK- Dr. Jyotsna Madan
- Training in fetal autopsy and placental Pathology from Royal London Hospital ,Queen Mary University of London,UK,-Dr. Devajit Nath
- Certification and Ambassador in Oncology-European Association for Cancer Research(Credential- EACR25410), University of Nottingham, UK- Dr. Devajit Nath
- Certification in Clinical Nephropathology (International Society of Nephropathology) USA- Dr. Devajit Nath
- International Observership in Thoracic and Mediastinal pathology and Bone and Soft tissue pathology from Memorial Sloan Kettering Cancer Centre, New York, USA-Dr Neema Tiwari
- Fellowship Institut' Catala d' Oncological, Barcelona Spain- Dr. Neema Tiwari
- Mentee trainee for hematopathology for European Hematology Association-EHA Academic Training Programme- Dr. Neema Tiwari
- International Ambassador(India) College of American Pathologists,USA- Dr. Neema Tiwari



Dr. Jyotsna Madan with Dr. Irene Scheimberg and Dr. Kara; stalwarts of Pediatric & Perinatal Pathology at Royal Hospital, London

National:-

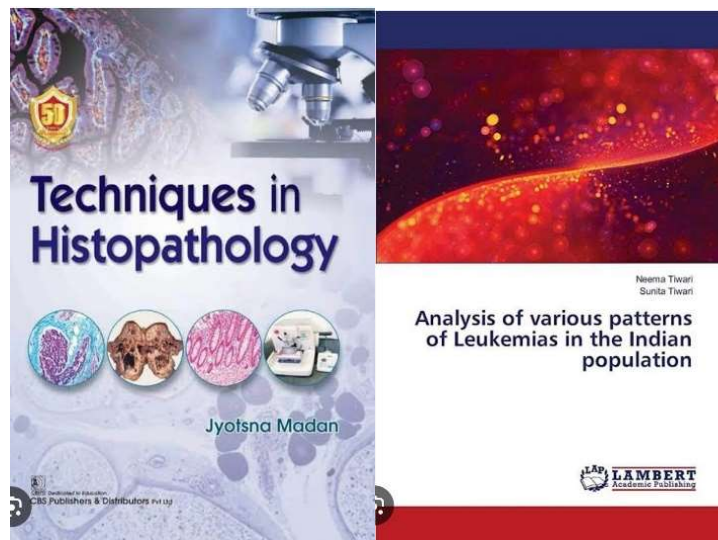
- Observership in Hematology and flowcytometry, AIIMS, New Delhi and TMH Mumbai- Dr. Savitri Singh



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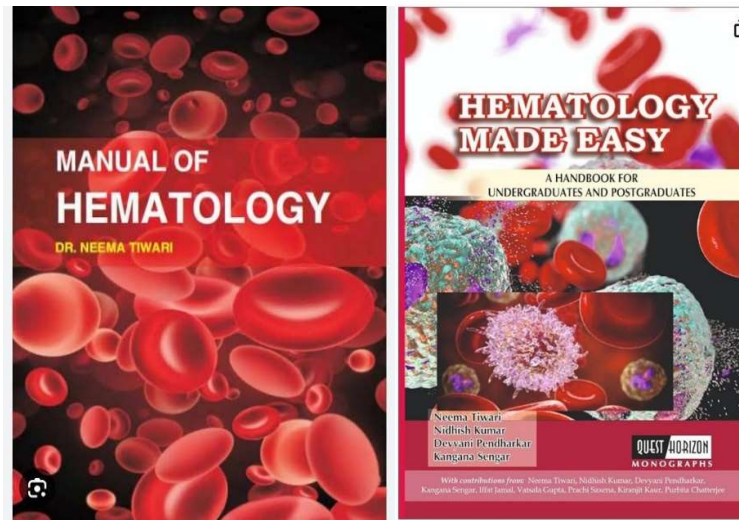
- Training in Advanced Coagulation, CMC Vellore, NIH Mumbai for PID workup-Dr. Savitri Singh
- Certification in Gastro and Hepatopathology- Institute of Gastro and Hepatopathology,India- Dr. Devajit Nath
- Certification In Molecular Pathology,Neuropathology- Dr. Devajit Nath
- Diploma in Hospital Management from NIHFV, New Delhi- Dr. Megha Sawhney
- Advanced course in flow cytometry by MEU India- Dr. Megha Sawhney, Dr. Akanksha Bhatia
- NABL Internal auditor training-Dr. Jyotsna Madan,Dr. Neema Tiwari, Dr. Akanksha Bhatia
- Basic Course in Medical Education (BCME) and Basic Course in Biomedical Research (BCBR)- All faculty members

BOOKS PUBLISHED:





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1. Techniques in Histopathology-Dr. Jyotsna Madan
2. Analysis of Various patterns of leukemia in Indian Population-Dr. Neema Tiwari
3. Manual of Hematology-Dr. Neema Tiwari
4. Hematology Made Easy- Dr. Neema Tiwari

PATENT PUBLISHED(GOVERNMENT GAZZATTE)

A DEVICE FOR STAINING SLIDE WITH LEISHMAN-FIELDS COCKTAIL AND METHOD THEREOF-Dr Neema Tiwari,Dr Jyotsna Madan,Dr Devajit Nath,Mr Mahesh Kumar(application number-202411014014A)

EDITORIAL BOARD- Recent advances in Pathology and Laboratory Medicine- Dr. Jyotsna Madan

In addition, the faculties are actively involved in/as:

1. MD Pathology & MBBS external examiners
2. Paper setter for MD Pathology, MBBS, Paramedical courses
3. Invited Speaker/Panelist at various conferences and CMEs
4. NMC/NBE Assessor for MD/DNB Pathology
5. Thesis evaluation
6. External subject expert for faculty selection and promotion



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INSTITUTIONAL CONTRIBUTIONS:

Dr. Jyotsna Madan:

1. Served as founding Dean from December, 2015 to May, 20222; and as Interim Director from June 2021 to February, 2022-
2. As Dean of the Institute contributed actively to start various post graduate, superspeciality teaching courses and fellowship program in various specialities.
3. Established Investigation Revolving Fund (IRF)
4. Worked as Chief Nodal Officer- Covid, PGICH Noida and contributed a lot while coordinating with Noida administration and DGME, Lucknow.
5. Headed various committees time to time as per the direction of Director, PGICH

Dr. Savitri Singh- Developed and started Flowcytometry based tests in the department of Pediatric Hemat oncology- Stem cell enumeration, TBNK and Leukemia immunophenotyping

Key Positions:

MEU Coordinator		Dr. Jyotsna Madan
IRF	Chairperson	Dr. Jyotsna Madan
Vishakha Committee	Chairperson	Dr. Jyotsna Madan
Cultural Committee	Member	Dr. Savitri Singh
Transport/Ambulance service	Incharge	Dr. Devajit Nath
Hospital Mortuary	Nodal Officer	Dr. Devajit Nath
Biomedical Waste Management Committee	Nodal Officer	Dr. Devajit Nath
HIS Management committee	Member	Dr. Devajit Nath
Campus development committee	Member	Dr. Devajit Nath
Institution Research Committee	Member	Dr. Devajit Nath
Institution Ethics Committee	Member	Dr. Devajit Nath
Cultural Committee	Member Secretary	Dr. Neema Tiwari
Committee for Swachhta Pakhwada, 2024	Member	Dr. Savitri Singh, Dr. Akanksha Bhatia



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TECHNICAL AND SUPPORT STAFF

S. No.	NAME	DESIGNATION
1	Mahesh Kumar	Technical Officer
2	Alok Bhatnagar	Technical Officer
3	Ruby	Technical Officer
4	Utkarsh Pal	Technical Officer
5	Ram Singh	Technical Officer
6	Monika Singh	Technician
7	Devender	Technician
8	Abhishek	Technician
9	Gaurav Pandey	Lab Attendant
10	Mayank Pandey	Lab Attendant
11	Manish Verma	Computer Operator



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SUBSPECIALITIES OF PATHOLOGY



1. Routine Hematology

- CBC and individual parameters like Total count, Differential count, Hemoglobin estimation, Platelet count
- ESR
- Reticulocyte count
- PT-INR, APTT

2. Special Hematology

- Bone marrow study including special stains
- G6PD qualitative screening
- Coagulation tests-
 - Fibrinogen,
 - Factor VIII, Factor IX assays
 - Mixing and Inhibitor study, BETHESDA

3. Clinical Pathology

- Body fluid analysis



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- Urine analysis

4. Fluid cytology and Cytopathology including

- Special stains
- Immunocytochemistry

5. FNACs including guided FNACs

6. Histopathology including

- Immunohistochemistry (IHC)
- Special stains
- Clot section processing

7. Frozen section

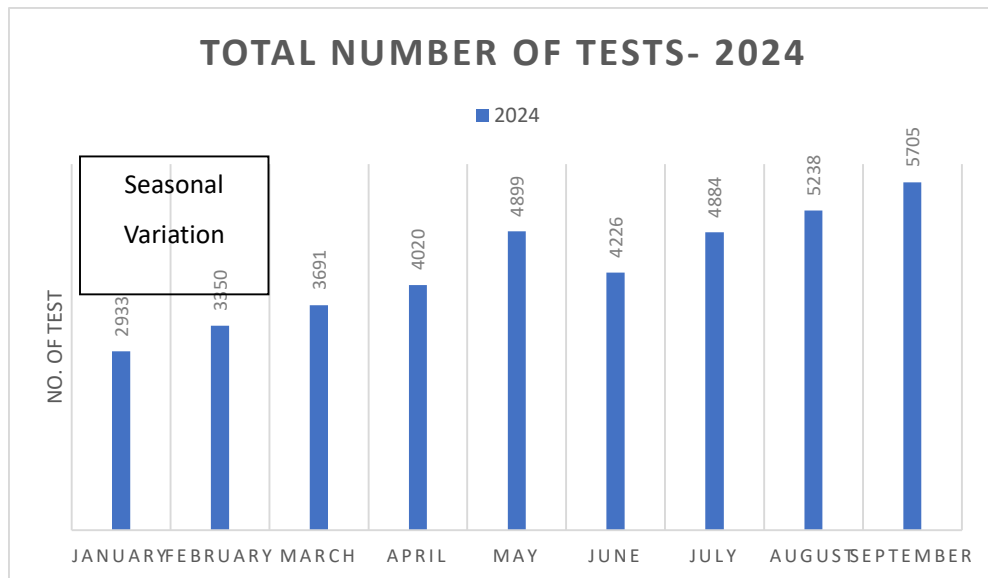
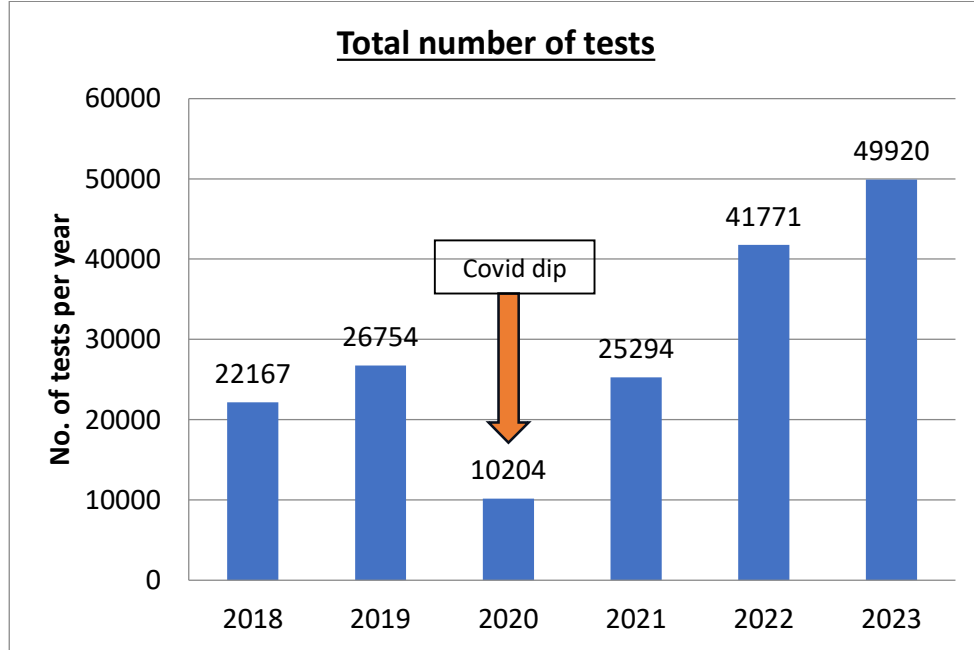


In addition, 24×7 Emergency Lab Services are available for CBC (including all individual parameters of CBC), PT, APTT)



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DEPARTMENT DATA OF TESTS





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SPECIALIZATION AND EXPERTISE OF DEPARTMENT

- Currently the department provides diagnostic facilities in histopathology, immunohistochemistry, cytopathology, immunocytochemistry, hematology and clinical pathology, along with review of samples from outside the institute
- The department offers specialised services for pediatric GI biopsy reporting and oncopathology reporting along with immunohistochemistry and immunocytochemistry
- Specialised hematology tests are also done which include Fibrinogen, Factor VIII, Factor IX, Mixing and Inhibitor study, Bethesda assay
- The department also actively and regularly participates in External Quality assurance programme (EQAP) in Hematology by AIIMS, New Delhi & UK-IEQAS for coagulation.
- The department also reviews and reports slides and blocks from outside in addition to receiving samples from the District hospital.



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ACADEMICS

- Department has been accredited by National Board of Examination in Medical Sciences to start academic programme of DNB Pathology from session 2023
- Two seats / year(1 primary DNB seat(post MBBS) and 1 Secondary DNB post Diploma
- Established Observership Programme in Pediatric pathology/Lab Medicine from year 2022
- Observership in Pediatric Pathology - 8 candidates have completed
- Internship of Paramedical students- started in 2018
- Teaching of paramedical students of Kailash Hospital as per MoU



Our first post graduate student, Dr. Sachin Verma presented an oral paper at UP

PATHCON 2024



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ACADEMIC ACTIVITIES

CMEs and CONFERENCES organised:

- Organized National CME on Paediatric Pathology: Current Trends and Concepts on 16th March 2019
- Organised the UP CYTOCON 2019-7th Annual Conference of the UP Chapter of Indian Academy of Cytologists in association with ICMR-NICPR in 2019
- Conducted **PULSE**- Pathology Undergraduate Lecture Series (online) in 2021
- Organised Scientific Meet cum CME in Pathology Nov 2022
- Organised Scientific Symposium In collaboration with Dept of Medical Genetics April – 2022
- Conducted CME cum awareness program on Cervical & Breast Cancer – March 2022
- Conducted Case based Learning in Pathology Practice as part of International Pathology Day celebration in collaboration with NAPM Noida on 8th November, 2023
- Organised Master Class in Haematology – by Dr Tathagata Chatterji on 28th February, 2024
- Conducted CME on Pathology of Female Reproductive System on 10th May, 2024
- Organised Guest Lecture on ‘Work up of Pediatric Haematolymphoid Malignancies’ – by Dr Sumeet Gujral, Prof Pathology, TMH, Mumbai, on 13th June, 2024
- Organised Scientific meet in collaboration with NAPM- Case based Learning in Pathology on 28th June, 2024

INSTITUTIONAL ACADEMIC ACTIVITIES:

- Regular inter and intradepartmental academic meet, clinico-pathological meet, multidisciplinary teaching and PG orientation programme
- ECHO project Teaching Program in collaboration with PHO
- Teaching and training of of post graduate students of other departments by the faculty as per their curriculum
- Organised training program for in house nurses and technicians
- Training of nurses, technicians and housekeeping staff on Biomedical waste management- Dr. Devajit Nath

POSTER/ ORAL PRESENTATIONS:

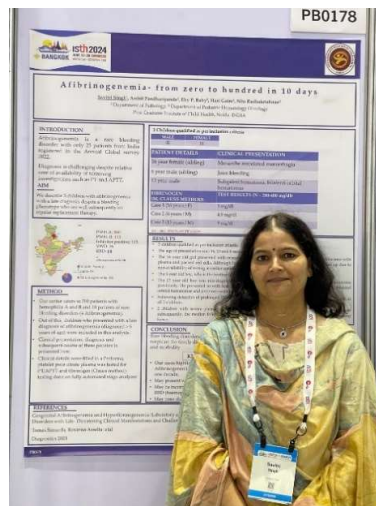
- International Paediatric Pathology CME in year 2018,2019,2020



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(4th International Pediatric Pathology CME- 3rd prize (2020)

- National Pediatric Path CME - 2019
- UP Cytocon 2019
- Digital Poster presentation in International Pathology conference of European Hematology association –International Academy of Pathologists in 2020
- UP Pathcon 2022- Two posters, UP Pathcon 2023- One oral presentation
- WFH 2024 World Congress- Poster presentation
- Annual Conference of Delhi chapter of Indian Academy of Cytologists 2024- one poster
- UP PATHCON 2024- Three oral papers and one poster



At WFH 2024 World Congress- Poster presentation- Dr. Savitri Singh



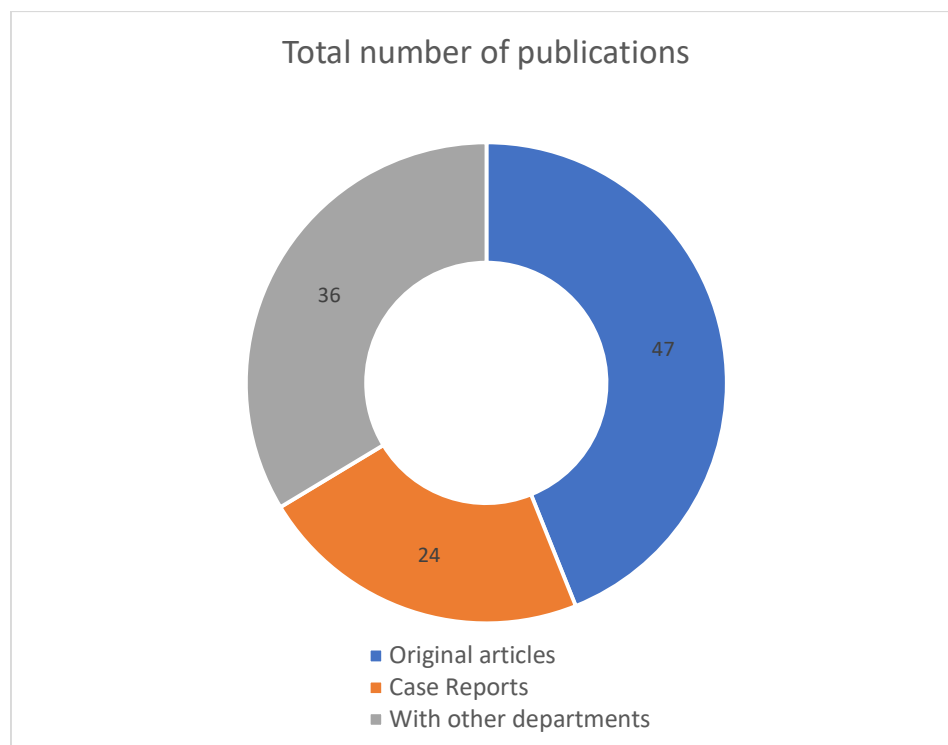
4th International Pediatric Pathology CME- 3rd prize (2020)- Dr. Devajit Nath



KEY RESEARCH PUBLICATIONS

Total – 107

- **Original Articles- 47**
- **Case reports – 24**
- **With other departments – 36**



COLLABORATIONS

Departmental Research projects as PI

1. To Study the Role of Neutrophil to Lymphocyte ratio (NLR), Platelet to lymphocyte ratio (PLR) Mean platelet volume (MPV) and Immature neutrophils to Total Neutrophils (I/T) ratio in early detection of neonatal sepsis. PI – Dr. Jyotsna Madan



POST GRADUATE INSTITUTE OF CHILD HEALTH, NOIDA

2. To evaluate the role of Nucleic Acid Amplification Test as a primary tool along with histopathology and microbiology technique for the rapid tissue diagnosis of pediatric gastrointestinal tuberculosis- A prospective study in a tertiary care center in North India- PI – Dr Devajit Nath
3. Histopathological and Morphometric Analysis of Biopsies of Hirschsprung disease and their Clinico radiological Correlation- PI- Dr. Neema Tiwari
4. Role of Inflammation in histopathological scoring of Extra Hepatic Biliary Atresia in Pediatric Population and its clinicopathological correlation- PI- Dr. Neema Tiwari

Research Project as CoPI with other department

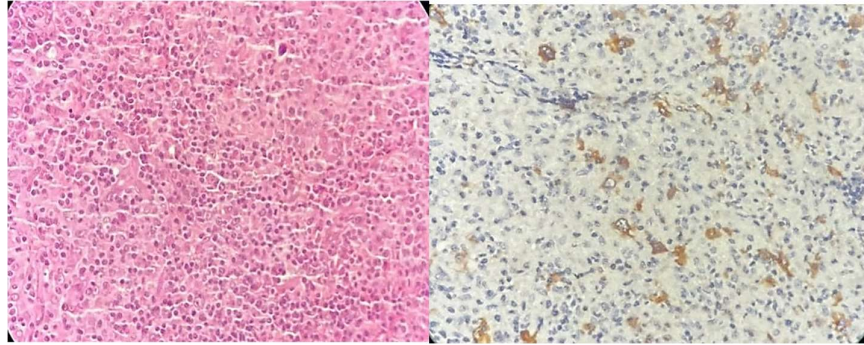
1. To study spectrum of abdominal tuberculosis in pediatric patients – CoPI – Dr Jyotsna Madan
2. Developing an algorithm to discriminate isolated iron deficiency and megaloblastic anemia from combined nutritional anemia and validating its phone based application. CoPI – Dr. Savitri Singh (Extramural project funded by SERB)
3. To strengthen awareness and diagnosis faculties and develop uniform treatment criteria for Von Ville Brand Disease in North INDIA – CoPI- Dr. Savitri Singh
4. Clinical Profile and outcome of Dengue fever in children with underlying hematological and oncologic disease- CoPI- Dr. Savitri Singh
5. Study of clinical presentation and outcome in children with CML- Dr. Savitri Singh
6. A Study on the Willingness to Use Meditation for Maintaining Psychological Well-Being During the COVID-19 Pandemic(SATYAM-DST)- CoPI- Dr. Neema Tiwari (Extramural project)
7. To evaluate the spectrum of Tubercular pathology in children using USG and CT guided imaging- CoPI- Dr. Jyotsna Madan, Dr. Neema Tiwari



POST GRADUATE INSTITUTE OF CHILD HEALTH, NOIDA

CASE STUDIES IN DIAGNOSIS AND TREATMENT

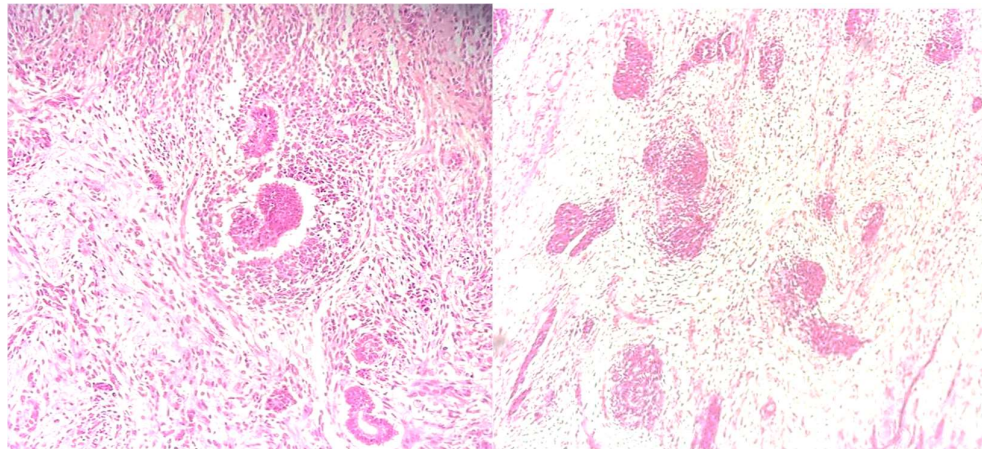
Case 1: 4 Year old child presented with matted leathery bilateral cervical lymph nodes



Left side image shows presence of mononuclear as well as mummified RS cells. Right side IHC shows positivity for CD30.

Diagnosis: Hodgkins Lymphoma

Case 2: A 1 Year old child with abdominal swelling



Left and Right side image shows presence of blastemal elements and primitive tubules on a background of stromal tissue

Impression: Wilms Tumor



POST GRADUATE INSTITUTE OF CHILD HEALTH, NOIDA

THE DEPARTMENT'S STRATEGIC VISION FOR THE NEXT DECADE

DIAGNOSTIC:

- To establish molecular pathology including FISH and karyotyping
- To start Hemoglobin HPLC for Thalassemia and hemoglobinopathies

ACADEMIC:

- To start PDCC in Pediatric Pathology under Indian College of Pathologist (ICP)



POST GRADUATE INSTITUTE OF CHILD HEALTH, NOIDA

PHOTO GALLERY

ACADEMIC ACTIVITIES



Guest Lecture on ‘Work up of Pediatric Haematolymphoid Malignancies’ – by Dr Sumeet Gujral, Prof Pathology, TMH, Mumbai



Organised Scientific meet in collaboration with NAPM- Case based Learning in Pathology on 28th June, 2024



POST GRADUATE INSTITUTE OF CHILD HEALTH, NOIDA



Master Class in Haematology – by Dr Tathagata Chatterji



International Pathology Day celebration- 2023



POST GRADUATE INSTITUTE OF CHILD HEALTH, NOIDA



CME on Female Reproductive System, 2024



UPCYTOCON 2019



POST GRADUATE INSTITUTE OF CHILD HEALTH, NOIDA



National CME on Pediatric Pathology, 2019



COVID Leadership Award to Dr. Jyotsna Madan by then DM Noida Suhas LY (Paralympic 2020, 2024 Silver medallist)



POST GRADUATE INSTITUTE OF CHILD HEALTH, NOIDA

SOCIAL EVENTS



Vriksharopan- 14th August, 2024



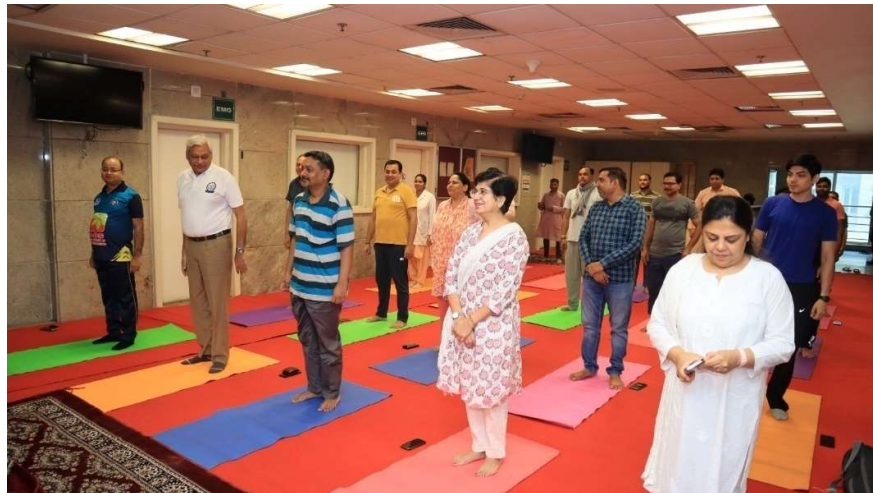
Independence day celebration, 2024



POST GRADUATE INSTITUTE OF CHILD HEALTH, NOIDA



Swachhta pledge, 2024



Yoga day, 2024



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FUN TIME INSIDE & OUTSIDE DEPARTMENT



POST GRADUATE INSTITUTE OF CHILD HEALTH, NOIDA



RANGOLI



दैनिक नेशनल रफ्तार

पोस्ट ग्रेजुएट इंस्टीट्यूट ऑफ चाइल्ड हेल्थ द्वारा हेमेटोलाजी में मास्टर क्लास का आयोजन



मानवियवाद नेशनल रफ्तार। पोस्ट ग्रेजुएट इंस्टीट्यूट ऑफ चाइल्ड हेल्थ नोएडा के पैथोलॉजी विभाग द्वारा निदेशक डॉक्टर ए के सिंह के मार्गदर्शन में हेमेटोलाजी में मास्टर क्लास का आयोजन नोएडा स्थित पोस्ट ग्रेजुएट इंस्टीट्यूट ऑफ चाइल्ड हेल्थ में किया गया। कार्यक्रम का शुभारंभ गणमान्य व्यक्तियों द्वारा स्वागत भाषण और दीप प्रज्वलित कर किया गया। दीप प्रज्वलन के उपरांत निदेशक डॉक्टर ए के सिंह ने आए हुए अतिथियों को संबोधित किया। कार्यक्रम में डॉ तथागत चटर्जी द्वारा थैलेसीमिया के निदान में अपडेट एवं पीडियाट्रिक एक्वेट ल्यूकेमिया का आणविक निदान, पुनर्निर्माण एवं प्रबंधन पर विस्तृत जानकारी दी गई। इस मौके पर विभागाध्यक्ष डॉ ज्योत्सना मदान ने भी थैलेसीमिया और पीडियाट्रिक एक्वेट ल्यूकेमिया पर अपने विचार साझा किए।

कैंसर से बचाव के लिए समय पर जांच जरूरी



चाइल्ड पीजीआई में आयोजित सीएमई में मौजूद डाक्टर • सौ संख्या

जासं, नोएडा : सेक्टर-30 स्थित पोस्ट ग्रेजुएट इंस्टीट्यूट ऑफ चाइल्ड हेल्थ में शुक्रवार को पैथोलॉजी विभाग की ओर से महिला प्रजनन प्रणाली की पैथोलॉजी पर राज्य स्तरीय सीएमई का आयोजन हुआ। निदेशक डा एके सिंह का कहना है कि प्रारंभिक अवस्था में कैंसर का निदान हो जाना जरूरी है और अक्सर यह इलाज में बहुत फायदेमंद साबित होता है। इससे ध्यान में रखते हुए आपको अपने डाक्टर से बात

करनी चाहिए कि कैप्सी कैंसर स्क्रीनिंग उपयुक्त हो सकती है। समय रहते डायग्नोज होने से कैंसर का सही तरीके से इलाज और बचाव संभव हो सकता है। पैथोलॉजी विभाग की अध्यक्ष डा. ज्योत्सना मदान का कहना है कि स्तन, गर्भाशय कैंसर से बचाव के लिए जागरूकता बहुत ही जरूरी है। सीएमई में दिल्ली, एनसीआर सहित विभिन्न अस्पतालों के 100 से अधिक पैथोलॉजिस्ट ने हिस्सा लिया।

महिला डाक्टरों ने फर्ज निभा बचाई थी संक्रमितों की जान

भारतमंद विलास • नोएडा कोरोना काल में डाक्टरों का योगदान भरपूर रहा। डाक्टर अब भी हर संभावित तरह को लेकर ईत्थार में हैं। महिला डाक्टरों की बुद्धि



कम नहीं रहें। खुद की चिंता किए बगैर

हमेशा रहें। परिवार से भी दूरी बनाई, लेकिन कर्तव्यनिष्ठ में कोई कभी नहीं आने दें। राष्ट्रीय डाक्टर दिवस पर प्रहार की महिला डाक्टरों पर आधारित एक रिपोर्ट...

कोरोना संक्रमित होने पर भी नहीं छोड़ी चिंता भोला सीएससी में रबी रेगा विशेषज्ञ डा. मीरा पाटक ने अपने साथी स्टाफ के साथ मिलकर दिन रात कोरोना के मुश्किल काल में जान हथेली पर रखकर सामान्य और आश्चर्यजनक प्रसव कराए। इन्सुली के दौरान संक्रमित भी हुईं, फिर भी हिम्मत नहीं हारी। मीरा बताती हैं कि एक बार प्रसव करने के दौरान प्रसूता को काफ़ी की शिकायत हुई, जिसके बाद नमूना लेकर जांच के लिए भेजा गया। रिपोर्ट आने तक पूरा स्टाफ थरारताइन के डर से भयभीत रहा, लेकिन महिला की रिपोर्ट नेगेटिव आने पर सभी ने राहत की सांस ली।



डा. मीरा पाटक • सौ खया

गंभीर मरीजों के इलाज की संभाली जिम्मेदारी नोएडा कोविड अस्पताल की डा. आशा सिंह ने कोरोना काल में अहम जिम्मेदारियां निभाईं। फ्लूई और दूसरी तरह आने पर उन्हें गंभीर कोविड मरीजों के इलाज का जिम्मा दिया गया। रोज साथी डाक्टरों के साथ मरीजों के बेहतर इलाज की चिंता में लगी रहें। इन्सुली के दौरान संक्रमित होने के बाद कोरोना को हराने का जन्मा और बढ़ गया।



डा. आशा सिंह • सौ खया

मरीजों को जल्द ठीक करने की सवा रही चिंता चाइल्ड पीजीआई में राजस्टार प्रोफेसर डा. ज्योत्सना मदान पर संक्रमितों मरीजों को समय से उपचार उपलब्ध कराने का जिम्मा रहा। परिवार व बच्चों से दूर रहकर मरीजों की सेवा में लगे रहें। कहती हैं कि कोरोना काल में बस एक ही चिंता रही कि मरीज जल्दी ठीक हो जाएं। टीम का हौसला भी बढ़ाते रहें। कोरोना काल में प्रतिदिन शासन, प्रशासन को नए मरीजों, खाली बेड, गंभीर मरीजों, कोरोना जांच की जानकारी देनी होती थी।



डा. ज्योत्सना मदान • सौ खया

कर्तव्य के लिए बच्चे से खुद को रखा दूर जिला अस्पताल में सर्जन डा. शशीध मजहर पर अस्खवी टाटा कोविड हॉस्पिटल में मरीजों के इलाज का जिम्मा था। डा. शशीध मजहर कोरोना काल के शुरूआती दिनों से वह जिम्मेवारी का निर्वाह कर रही हैं। इसके लिए बच्चे को उन्होंने ननिहाल भेज दिया और खुद वहां अकेले रहकर कोविड मरीजों का करती रहीं। इन्सुली के दौरान कोरोना संक्रमित भी हुईं। उनके साथ परिवार के अन्य लोग संक्रमण की चपेट में आए।



डा. शशीध मजहर • सौ खया



हुनर का लोहा मनवाकर आगे बढ़ रही महिलाएं

महिलाओं को शिक्षा देकर उन्हें आत्मनिर्भर बनाया जा सकता है, महिलाएं देश की धुरी हैं

अंतरराष्ट्रीय महिला दिवस

जागरण महाकला, पोशा, इस बात में कोई संक नहीं की कोई भी देश वा समाज महिलाओं के बिना नहीं चल सकता है। महिलाएं देश की धुरी हैं। आज हर क्षेत्र में महिलाएं आगे बढ़ रही हैं। हमारे देश में भी कई पदों पर महिलाएं ही कार्यरत हैं। महिलाएं अपने हुनर का लोहा मनवा कर आगे बढ़ रही हैं।

नारी शक्ति की भूमिका को किया सलाह

जासं, नोएडा: महिला दिवस पर आर्थिक व सामाजिक शोषण-उन्नीटन के खिलाफ विभिन्न कार्यक्रमों के माध्यम से नोएडा अखिल भारतीय जनता महिला समिति एवं सीआईटीयू ने तृत्व में महिलाओं ने डिप्टी लेबर कमिश्नर कार्यालय पर जापन किया। इस दौरान महिलाओं ने कार्यालय के चार प्रश्नों भी किया। सीआईटीयू के जिला अध्यक्ष गेंडनर दल ने कहा कि आज के युग में भी महिलाओं को अपने पारंपरिक काम करने की आज्ञा दी नहीं है।

शिक्षित समाज से ही सबल राष्ट्र का होगा निर्माण: डॉ. मंजू शर्मा



शिक्षा सुसंस्कृत बनाने का माध्यम है। शिक्षा का असल मकसद केवल यह नहीं है कि व्यक्ति को इस आराम से अपने जीवन का निर्वाह करने के लिए कौशल बनाया जाए। बल्कि सही मानव में बुराका मलाल एक व्यक्ति को इन-जिमेबल बनाना है कि वह बेहतर निर्माण ले सके और समाज में सामंजस्य बना कर चल सके। यह कहना है राजनीति विज्ञान केंद्र की प्रभान्यात्री डॉ. मंजू शर्मा का। अपने पिता से प्रेरित होकर उन्होंने अल्पायुष में ही समाज सेवा के लिए बहुत मेहनत की।

सही पोषण की ओर लोगों का ध्यान आकर्षित करना मुख्य मकसद: डॉ. पल्लवी



एक महिला सोशल मीडिया के जरिए लोगों को सही पोषण की जानकारी देकर देश को स्वस्थ खड़ा बनाने में लगी है। सेक्टर-30 की रहने वाली डॉ. पल्लवी आगू गिने वीकिलसक हैं, जिन्होंने लखनऊ के किंग जॉर्ज मेडिकल कॉलेज और लखनऊ मांजी रंगातकोलर इंस्टीट्यूट ऑफ मेडिकल साइंसेज से पढ़ाई की है। माइड एंड बीडी वैलेंस क्लिनिक की संस्थापक डॉ. पल्लवी आगू का मानना है कि आज के समय में सोशल मीडिया प्लेटफॉर्म पर हर कोई सोशल रहता है। वह कई लोगों से सही पोषण की ओर लोगों का ध्यान आकर्षित करने में लगी है।

महिलाओं को आत्मनिर्भर होने की जरूरत: डॉ. शमशुन नेहा



फूटने और अड़ की स्थिति में काफी बढ़ता हुआ है, जिसमें शिक्षा का महत्वपूर्ण योगदान है। जहाँ पहले शारीरिक श्रम में रहने वाली महिलाओं की जानकारी सीमित क्षेत्र तक थी, लेकिन अब इसमें काफी विस्तार हुआ है। ऐसी महिलाओं के आत्मनिर्भर बनने से हुआ है, लेकिन अभी इसमें और थोड़ा सुधार की जरूरत है। यह बात प्रयोगशाला के सहायक प्रिंसिपल से निकलकर जिला स्तर पर सुरक्षा विभाग में खास निरीक्षक बनने वाली डॉ. शमशुन नेहा ने अंतरराष्ट्रीय महिला दिवस की पर कही।

बेहतर शिक्षा से ही आ पाएगा बदलाव: डॉ. ज्योत्सना मदन



सिर्फ शिक्षा ही एक ऐसा हथियार है जिसे महिलाओं को देकर उन्हें आत्मनिर्भर बनाया जा सकता है। इसलिए सरकार और परिवार को चाहिए कि वे महिलाओं की शिक्षा पर ज्यादा ध्यान दें। यह बात सेक्टर-30 स्थित चाइल्ड पीजीआई में डॉ. ज्योत्सना मदन ने महिला दिवस पर उन्हें आत्मनिर्भर बनाने की लेकर कही। भारत में आज भी कई ऐसे बाद हैं, जहाँ महिलाओं में प्राथमिक शिक्षा का अभाव है। अगर सरकार शांति क्षेत्रों की महिलाओं की प्राथमिक शिक्षा को बेहतर बनाएगी, तो उनकी स्थिति में बदलाव आएगा।

युवा पैथोलॉजिस्ट ने सीखे जांच के

जासं, नोएडा : सेक्टर-30 स्थित सुपर स्पेशलिस्ट हॉस्पिटल एवं टीचिंग इंस्टीट्यूट में शनिवार को युवा पैथोलॉजिस्ट के लिए एक कार्यक्रम आयोजन हुआ। जिसमें उन्होंने सीनियर डॉक्टर से पैथोलॉजिकल तरीके सीखें। पैथोलॉजी विभाग की ओर से ट्रेड पर्सपेक्टिव थीम कार्यक्रम में दिल्ली-एनसीआर के 135 से अधिक पैथोलॉजिस्टों इस मौके पर पैथोलॉजी विभाग की अध्यक्ष डॉ. ज्योत्सना मदन ने उनके निदान के तरीकों के बारे में बताया।

रोगों के निदान में पैथोलॉजी जांच की भूमिका अहम

नोएडा: सेक्टर-30 स्थित चाइल्ड पीजीआई में बृहस्पतिवार को अंतरराष्ट्रीय पैथोलॉजी दिवस पर पैथोलॉजी विभाग ने नोएडा एसोसिएशन आफ पैथोलॉजिस्ट के सहयोग से कार्यक्रम आयोजित किया। पैथोलॉजिस्ट ने कहा कि रोगों के निदान में पैथोलॉजी जांच अहम है। चाइल्ड पीजीआई की पैथोलॉजिस्ट डा. ज्योत्सना ने बताया कि पैथोलॉजी जांच की सहायता से रोग का सटीक पता लगाया जा सकता है। निदेशक ब्रिगेडियर डा. राकेश गुप्ता, डा. मिथिलेश आदि मौजूद रहीं। (जासं)





साइटोलॉजी की तकनीकी में बदलाव पर होगी चर्चा

जमशेदपुर संवादाता, नोएडा : सेक्टर-30 स्थित सुपर स्पेशलिस्ट पीडियाट्रिक हॉस्पिटल एंड पोस्ट ग्रेजुएट ट्रायिंग इंस्टीट्यूट (चाइल्ड पीजीआई) में पैथोलॉजी विभाग के तत्वावधान में आयोजित इंडियन एकेडमी ऑफ साइटोलॉजिस्ट की वार्षिक कॉन्फ्रेंस साइटोकॉन-2019 में आज से साइटोलॉजी की तकनीकी में बदलाव और महत्व पर चर्चा होगी।

दो दिवसीय कॉन्फ्रेंस में देश-विदेश के मेडिकल कॉलेज, अस्पताल, पैथोलॉजी लैब से आए 250 से अधिक प्रतिनिधि व शोधार्थी शिरकत कर रहे हैं।

चाइल्ड पीजीआई में डॉन डॉ. ज्योत्सना मदन ने बताया कि साइटोलॉजिस्ट की वार्षिक कॉन्फ्रेंस राष्ट्रीय कैंसर रोकथाम एवं अनुसंधान संस्थान (एनआइसीपीआर) के संयुक्त तत्वावधान के साथ मिलकर आयोजित की जा रही है। पहले

दिन अस्पताल में साइटोलॉजी की तकनीकी में हुए बदलाव पर चर्चा की जाएगी। कॉन्फ्रेंस के आयोजन करने का मकसद है कि इस क्षेत्र से जुड़े पैथोलॉजिस्ट, चिकित्सक व टेक्नीशियन अपने-अपने अनुभवों को साझा कर सकें।

कॉन्फ्रेंस साइटोलॉजी के क्षेत्र में उभरती हुई नई तकनीकों पर आधारित होगी। पहली बार साइटोकॉन में लैब टेक्निशियन भी हिस्सा ले रहे हैं। दूसरे दिन राष्ट्रीय कैंसर रोकथाम एवं अनुसंधान संस्थान करीब 50 लोगों को हैंड्स ऑन ट्रेनिंग दी जाएगी।

ज्या है साइटोलॉजी: डॉ. ज्योत्सना बताया शरीर में मौजूद कोशिकाओं के अध्ययन को साइटोलॉजी कहते हैं। इसे सुई के माध्यम से की जाने वाली जांच भी कहा जाता है। अगर शरीर के किसी भी अंग में गांठ होती है, तो उसकी जांच के बाद उपचार बता दिया जाता है।



डॉ. ज्योत्सना मदन

पैथोलॉजी की सही जांच रिपोर्ट से ही हो पाएगा सही इलाज

नोएडा, नोएडा : सेक्टर-30 स्थित सुपर स्पेशलिस्ट, पॉडियाट्रिक हॉस्पिटल एंड पोस्ट ग्रेजुएट ट्रायिंग इंस्टीट्यूट (चाइल्ड पीजीआई) में आज से दो दिवसीय वार्षिक कॉन्फ्रेंस साइटोकॉन-2019 का शुभारंभ हुआ। दिन के विभिन्न शहरों से आए विद्वान पैथोलॉजिस्टों ने साइटोलॉजी की तकनीकी में हुए बदलाव और व्यापक जांचकारों की सेवा को बढ़ावा देने का उद्देश्य है।

रिपोर्ट मिल सके। डिजिटल पैथोलॉजी केंद्र आर्किव एडवेंस जांच तकनीक है। जिससे डिजिटल साइट से जानकारी प्राप्त की जाती है। इस सेवा पर अत्यंत सही रिपोर्ट की अपेक्षा थी, सही बंगला साइटोकॉन कार्यक्रम डॉ. रंजिता गुज, डॉ. नील तवाकृष्णन मौजूद रहे।



सेक्टर-30 स्थित चाइल्ड पीजीआई में आयोजित कार्यक्रम का उद्घाटन कर रहे निदेशक डॉ. नील तवाकृष्णन

बीमारियों के निदान में पैथोलॉजी की भूमिका अहम



सेक्टर 30 चाइल्ड पीजीआई में आयोजित कार्यक्रम में मौजूद डाक्टर • सौ अस्पताल जासं, नोएडा : बीमारियों के निदान में पैथोलॉजी जांच की महत्वपूर्ण भूमिका होती है। यह बातें विश्व पैथोलॉजी दिवस के उपलक्ष्य में चाइल्ड पीजीआई के निदेशक डा. एक सिंह ने कही। इस मौके पर उन्होंने प्रो. ज्योत्सना मदान द्वारा लिखी गई टेक्निक्स इन हिस्टोपैथोलॉजी किताब का विमोचन किया। ज्योत्सना मदान ने कहा कि

पैथोलॉजी जांच की सहायता से रोग का सटीक पता लगाया जा सकता है। पैथोलॉजी जांच की मदद से बीमारी का पता लगाने में मदद मिलती है। कैंसर जैसी गंभीर बीमारी हो या डायबिटीज हर तरह के मरीजों के उपचार में मददगार है। इस मौके पर डा. शालिनी पांडेय, डा. डीके सिंह, डा. मुकुल जैन मौजूद रहे।



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