



सत्यमेव जयते



UNION TERRITORY OF JAMMU & KASHMIR

DEPARTMENT OF PATHOLOGY GOVERNMENT MEDICAL COLLEGE KATHUA

Email: Gmckpathology1@gmail.com

GENERAL INTRODUCTION ABOUT THE DEPARTMENT:

The Department of Pathology is a crucial medical discipline focused on understanding the causes, mechanisms, and effects of diseases. It bridges the gap between basic science and clinical medicine by examining tissues, organs, bodily fluids, and cells to diagnose diseases, guide treatment, and monitor patients' progress.

Pathology is foundational to modern medicine, as nearly every patient benefits from pathology services at some point.

Key Areas of Pathology

1. Anatomical Pathology:

- Histopathology: Tissue examination to detect diseases such as cancer.
- Cytopathology: Study of individual cells for early disease detection (e.g., Pap smear).
- Autopsy Services: Postmortem examinations to determine causes of death.

2. Clinical Pathology (Laboratory Medicine):

- Involves analyzing blood, urine, and other bodily fluids to detect and monitor diseases.

3. Molecular Pathology:

- Uses molecular biology techniques to diagnose genetic disorders, cancers, and infectious diseases.
- Plays a vital role in personalized medicine.

Roles and Responsibilities

- **Diagnosis:** Providing accurate diagnoses based on laboratory tests and tissue examinations.
- **Research:** Studying disease mechanisms to improve diagnostic techniques and treatments.
- **Education:** Training medical students, residents, and fellows in pathology.
- **Consultation:** Collaborating with clinicians to provide expert opinions for patient care.

DIFFERENT SECTIONS OF THE DEPARTMENT:

1. Surgical Pathology
2. Cytopathology
3. Special Haematology
4. Haematology
5. Clinical Pathology
6. Pathology Specimen Museum
7. Research Laboratory

MISSION OF THE DEPARTMENT OF PATHOLOGY:

The mission of the Department of Pathology is to advance the understanding and diagnosis of human disease through high-quality diagnostic services, innovative research, and exceptional education. We strive to:

1. **Deliver Accurate Diagnostics:** Provide comprehensive and precise diagnostic services to support patient care and improve clinical outcomes.
2. **Participate in a recognized Quality Assurance Activities** and receive formal accreditations to ensure that reports signed out of department are of accredited quality and of national / international standards. Our laboratory follows international quality standards, ensuring accuracy and reliability in all test results. We adhere to protocols set by regulatory bodies such as:

- College of American Pathologists (CAP)
- Clinical Laboratory Improvement Amendments (CLIA)
- ISO 15189: Medical Laboratories – Requirements for Quality and Competence

2. Educate and Train: Educate and mentor medical students, residents, fellows, and healthcare professionals in the principles and practices of pathology.

3. Innovate Through Research: Conduct cutting-edge research to enhance the understanding of disease mechanisms, improve diagnostic methods, and contribute to the development of novel therapies.

4. Promote Excellence in Patient Care: Collaborate with clinicians to ensure the highest standards of patient care through accurate and timely pathology services.

5. Foster Collaboration: Engage in interdisciplinary collaborations to advance the field of pathology and contribute to the broader medical and scientific community.

VISION OF DEPARTMENT OF PATHOLOGY:

1. To establish the Department of Pathology which will provide tertiary care diagnostic services in the associated hospital of our College.
2. To establish histopathology, hematology, cytology, clinical pathology, research & molecular laboratories in the department.
3. Hematology sections should have anemia laboratory, leukemia laboratory with flowcytometry, coagulation laboratory and hemolytic anemia laboratory (Hb electrophoresis).
4. Cytology sections should have facilities for exfoliative cytology, liquid based cytology, cell block and immunocytochemistry
5. The Histopathology section should have facilities for processing of surgical pathology specimens to generate H&E sections through routine formalin fixation and paraffin embedding.
6. Research Laboratory: We aspire to have facilities for frozen section, flow cytometry, immunohistochemistry, Fluorescent in-situ

hybridization (FISH), Microarray, Cytogenetics facility and Polymerase chain Reaction based molecular tests in different sections of department so that patients can be given personalized molecular targeted therapy.

7. Undergraduate Role: At the end of the teaching learning in pathology learner should be able to:

- Demonstrate knowledge of causes, mechanisms, alterations in gross and cellular morphology of organs in disease states.
- Explain, interpret and analyse the pathology with clinical conditions including diseases which are locally and regionally relevant.
- Perform experiments to demonstrate routine pathological investigations on blood and explain principles, interpret investigation results.
- Perform experiments to demonstrate routine pathological investigations on the various biological samples and explain principles, interpret investigation results.
- Demonstrate updated pathological investigations on the various biological samples.

8. Postgraduate role At the end of the training, pathologist should be able to

Surgical Pathology

- Identify, and systematically and accurately describe the chief gross and be able to correctly diagnose at least 80% of the lesions received on an average day
- He/she should also correctly interpret and correlate with the clinical data to diagnose at least 90% of the routine surgical material received on an average day.
- Be conversant with the automatic tissue processing machine and the principles of its running.
- Process a tissue, make a paraffin block and cut sections of good quality on a rotary microtome. Should be able to perform H&E and special stains

- Cut a frozen section using cryostat, stain and interpret the slide in correlation with the clinical data provided.
- Demonstrate the understanding of the utility of various immuno-histochemical stains especially in the diagnosis of tumour subtypes.

Cytopathology

- Independently prepare and stain good quality smears for cytopathologic examination.
- Be conversant with the techniques for concentration of specimens: i.e. various filters, centrifuge and cytocentrifuge.
- Independently be able to perform fine needle aspiration of all lumps in patients; make good quality smears, and be able to decide on the types of staining in a given case.
- Diagnose at least 75% of the cases received in a routine laboratory and categorize them into negative, inconclusive and positive.

Haematology

Correctly and independently perform the following special tests, in addition to doing the routine blood counts:

- Haemogram including reticulocyte and platelet counts.
- Bone marrow staining including stain for iron
- Blood smear staining
- Cytochemical characterization of leukemia with special stains like Peroxidase, Leukocyte Alkaline Phosphatase (LAP), PAS, Sudan Black, etc.
- Hemolytic anemia profile including electrophoresis etc.
- Coagulation profile including PT, APTT, FDP.
- BM aspiration and BM biopsy

Describe accurately the morphologic findings in the peripheral and bone marrow smears, identifying and quantitating the morphologic abnormalities in disease states and arriving at a correct diagnosis in

at least 90% of the cases referred to the Haematology clinic, given the relevant clinical data.

- Demonstrate familiarity with and successfully perform routine urinalysis including physical, chemical and microscopic, examination of the sediment,
- A complete examination: physical, chemical and cell content of Cerebrospinal Fluid (C.S.F), pleural and peritoneal fluid, semen analysis.
- Examination of peripheral blood for commonly occurring parasites.

Immunohistochemistry Skills (desirable): Be able to perform immuno-histochemical staining using paraffin section with at least one of the commonly used antibodies (Cytokeratin or LCA) using PAP method.

CORE VALUES OF DEPARTMENT:

1. Quality assurance of reports signed out from the department.
2. Good effective and two-way communication with all departments sending requisitions for investigations.
3. Problem solving.
4. Mentorship and Leadership development.
5. Integrity and Accountability.
6. Human resource development and career progression.
7. Quality control of equipments/Instruments.
8. Biomedical waste disposal as per Green Tribunal recommendation
9. Training of Undergraduate, Post-graduate & paramedical staff for Health care development of state, India & World.
10. Maintaining highest standard of academics and ethics in Department of Pathology.

ACADEMIC ACTIVITIES OF THE DEPARTMENT:

1. Theory classes of undergraduates in the form of lectures, SDL &SGD.
2. Practical classes of undergraduates wherein students are made to perform different skills& there is discussion of Case sheets.

3. Theory classes of students of B.Sc. Paramedical sciences.
4. Practical classes of students of B.Sc. Paramedical sciences.
5. Routine sign out of reports in histopathology, cytopathology, hematology and special hematology wherein senior residents learn passively as well as as there is active discussion of all cases.
6. Every Friday there is Slide seminar.
7. Shortly clinic pathological conferences will be started with almost every Department of the College.
8. Every Thursday there is Journal Club.
9. Faculty members & Residents are encouraged to attend CME'S ,Seminars, Conferences & Workshops.
10. Research Activities: All faculty members & Residents are pursuing different research project in the department.
11. Interesting case presentations are done regularly in the department.

SIGN OUT OF INVESTIGATIONS FROM DEPARTMENT OF PATHOLOGY:

1. Emergency Laboratory:-Emergency laboratory runs 24X7 and where all emergency tests are done and caters to all departments of Medical College. The tests which are done in emergency lab are Hb, TLC, DLC, RBC Count, HCT, Red blood cell indices, platelet count, PTI,PT,INR and R/E of urine.
2. Central Lab of the Hospital:- In this laboratory all patients attending OPDs are investigated. Tests which are performed in central lab are Hb, TLC, DLC, RBC Count, HCT, Red blood cell indices, platelet count, PT,PTI,INR, R/E of urine,D-Dimer, PBF, ESR, Retic, G6PD &Coombs test.
3. Clinical Pathology:- Routine sign outs
4. Hematology:- Routine sign outs and bone marrow aspiration& biopsy.
5. Special Hematology:-Retic, G6PD, Direct & indirect Coombs Test.
6. Cytopathology: FNAC of swelling, fluid cytology, semen analysis, wet cytology, Pap smear& imprint smears.
7. Histopathology: Biopsies & Surgical excision specimens are processed in this laboratory. These specimens are received from all departments of the college

FACULTY MEMBERS & SENIOR RESIDENTS WORKING IN THE DEPARTMENT:

S.no	Employ name	Designation	Contact number	Mail ID	DOB
1.	Dr. Surinder K Atri	PROF & HOD	9419538541		
2.	Dr. Vidhu Mahajan	Associate Professor	9419422225	vidhunipun@gmail.com	01/02/1985
3.	Dr. Virender Mohan Rana	Associate Professor	7889790116	Vmrpatho07@gmail.com	12/03/1981
4.	Dr Dupinder Kaur	Associate Professor	8193076199	dupinderkaur@gmail.com	23/09/1985
5.	Dr Surbhi Mahajan	Assistant Professor	7780938721	surbzmhj.19@gmail.com	19/05/1992
6.	Dr RITU BHAGAT	Assistant Professor	9796480054	ritupathologist@gmail.com	23/03/1987
7.	Dr Reetika	Assistant Professor	9419113830	drreetika06oct@gmail.com	06/10/1990
8.	Dr Shilpa Thakur	Senior Resident	7006476191	shilpathakurjmu@gmail.com	02/02/1994
9.	Dr Anil Sharma	Senior Resident	8492841411	anil14.ks@gmail.com	15/11/1990
10.	Dr Silvi Sandhu	Senior Resident	8899220999	silvisandhu1234@gmail.com	15/05/1994
11.	Dr Kavita Rakwal	Senior Resident	9149728924	rajputkavita1912@gmail.com	19/12/1992

**LABORATORY TECHNICIAN AND OTHER SUPPORTIVE STAFF
WORKING IN DEPARTMENT PATHOLOGY**

1.	Mrs Sapna verma (NHM)	Lab.Techanician	7889683166	sapnaverma8384@gmail.com	27/01/1985
2.	Mr Anil Saini	Lab.Techanician	9419183367	anilsaidpur@icloud.com	10/09/1989
3.	Mrs Shilpa Devi	Lab.Techanician	700647676191	sumitshilpa143@gmail.com	08/03/1987
4.	Mrs Archana Sharma	Lab.Techanician	7006932891	archanamansotra@gmail.com	24/03/1990
5.	Mrs. Ekta Khajuria	Lab.Techanician	9149529878	sharma.sudesh60@gmail.com	06/08/1990
6.	Mr Manik Sharma	Lab.Techanician	7006338551	maniksharma68200@gmail.com	24/11/1994

7.	Mr Sanampreet Singh	Technical Assistant	7006215301	singhsanampreet12@gmail.com	17/01/1986
8.	Mrs Poonam Rani	JSN	6005234473	rani02043@gmail.com	01/05/1995
9.	Mr Mahesh Singh Sumbria	Technical Assistant	9797457966	sumbriamahesh@gmail.com	12/09/1989
10.	Mr Sahil Mehra (NHM)	Lab.Techanician	6005986217	smehra0807@gmail.com	08/07/1993
11.	Mrs Sapna Rani	Clinical staff	7006961925	kashyapsapna6@gmail.com	10/01/1989
12.	Dimple Singh Bandral	Lab.Techanician	8082121141	dsdr222000@gmail.com	02/02/2000
13.	Rekha devi	Lab.Techanician	6005825897	rekharajput25897@gmail.com	05/11/1998
14.	Mohd Aafaq Bhat	Lab.Techanician	7006385197	bhataafaq03@gmail.com	05/02/1998
15.	Deepak Narinia	Lab.Techanician	8899799631	deepaknaraniadn@gmail.com	14/11/1995
16.	Kanchan Bala	Audio Visual Technician	8493871606	kanchanbala39789@gmail.com	23/01/1989
17.	Koushal	Nursing Orderly	9086101312	koushalpanotra12@gmail.com	27/12/1997
18.	Rajeev Singh	Class IV	9858362018	rajeevjasrotia53@gmail.com	19/07/1991
19.	Drishti Slathia	Class IV	8082554803	slathiadrishti104@gmail.com	04/03/2000

BOOKS AVAILABLE IN DEPARTMENTAL LIBRARY

Sr. No.	Name of Book	Name of the author
1.	Color Atlas of Pathology	U.N. Riede LM Werner
2.	Essentials of Practical Pathology for undergraduates 4th ed.	Dr. Rajpal Yadav □ Dr. Vidhi Verma □
3.	WHO Classification of tumors of Breast 5th ed.	Lakhani, Ellis Schnitt □, Jan Vijver
4.	WHO Classification of tumors of Soft tissues and Bones 4th ed.	Fletcher , Bridge, Hogendoorn, Mertens
5.	WHO classification of Tumors of the Lung ,Plura ,Thymus and heart	Travis ,Brambilla,Burke, Max,Nicholson

6.	WHO classification of tumors of Female Reproductive organs	Kurman , Carcangiu ,Herrington ,Young
7.	Leukemia diagnosis	Barbara J Bains
8.	Robbins basic pathology 1st South Asian ed.	Kumar □,Abbas, Aster
9.	Bone Marrow Pathology 5th ed.	Bain ,Clark ,Wilkins
10.	Essentials of Hematology 3rd ed.	Kawthalkar
11.	Diagnostic immunohistochemistry 5th ed.	Dabbs
12.	Textbook of Pathology 8th ed.	Harsh Mohan
13.	Textbook of Pathology Quick Review 5th ed.	Harsh Mohan
14.	Guide to Forensic Pathology	Dix , Calaluce
15.	Textbook of Pathology for DMXT & DMRT	Koulgud , Rajanna
16.	Robbins and Cotrans Pathologic Basis of Disease . Vol. I South Asian ed.	Kumar,Abbas, Aster (Volume -I)
17.	Robbins and Cortran Pathologic Basis of Disease Vol. II South Asian ed.	Kumar,Abbas, Aster (Volume -II)
18.	Bancroft's Theory and Practice of histological techniques. 8th edition	Suvarna , Layton , Bancroft
19.	Cytology Diagnostic Principles & Clinical correlation 4th ed.	Cibas, Ducatman
20.	Aspiration cytology (5th edition)	Orelle, Sterrett
21.	Practical Pathology (4th edition)	Harsh Mohan
22.	Muir's Textbook of Pathology (15th edition)	Herrington
23.	Robbins Basis Pathologic	Kumar ,Abbas ,Aster
24.	Surgical Pathology Vol 1	Rosai and Ackerman
25.	Surgical Pathology Vol. 2	Rosai &Ackerman
26.	Dacie and Lewise Practical Hematology	Elsevier
27.	Lever's Histopathology of the Skin -11Edition	Elsevier
28.	Wintrobe's Clinical Hematology (14 th Edition)	Wolters Kluwer
29.	Wheater's Functional Histology A Colour Text & Colour Atlas	Barbara Young Geraldine O' Dowd Phillip Woodford

30.	Essential of Clinical Pathology	Shirish M Dr Chhanvi Kawthalkar
31.	Practical Pathology	Harsh Mohan
32.	Atlas & Text of Hematology (Vol-1)	Dr Tejinder Singh
33.	MUIR's Textbook of Pathology	C.Siman Herrington
34.	Atlas & Text of Hematology Vol-II	Dr Tejinder Singh
35.	Pathology Quick Review	Harsh Mohan
36.	Pathology for DMXT and DMRT	Dr Rohinis Kaulgud Dr Chanderakala Rajanna
37.	Distric Laboratory Practice in Tropical Countries	Cheresbrough
38.	Haematology	Gary Moore,Gauin Knight &AndrewBlann
39.	Essential of Practical Pathology for Undergraduates	Rajbala Dr. Yadev Dr Nidhi Verma Dr Meeta Singh
40.	Laboratory Manual of Clinical Pathology	Santosh Kumar Mondal
41.	Competency based question &Answers in pathology for 2 nd MBBS professional examination	Vardendra Kullearni Soumya BH-
42.	Competency based Question & Answer in Pathology for 2 nd MBBS professional Examination	Vardendra Kullearni Soumya B H
43.	Review in Pathology i.e. color plates student's companion	Nitin Chawla
44.	Essentials of Pathology	Shameem Shariff
45.	Diagnostic Histopathology of Tumors vol 1	Fletcher
46.	Diagnostic Histopathology of Tumors vol 2	Fletcher
47.	Blausten's Pathology of female genital tract	Robert J Kurman
48.	Washington's Manual of Surgical Pathology	Amrit Kaur Kaler
49.	Sternberg's diagnostic surgical Pathology	Mills, Greenson

50.	Sternberg's diagnostic surgical Pathology	Mills , Greenson
51.	Laboratory & Diagnostic Tests	Anne M Van Leeuwen
52.	Anderson's Pathology	Ivan Damjanov
53.	Anderson's Pathology	Ivan Damjanov
54.	Koss Diagnostic Cytology	Koss Melamed
55.	Koss Diagnostic Cytology	Koss Melamed
56.	Histology for Pathologists	Stacey E Mills
57.	Problem based questions in pathology	Sanjay Sengupta
58.	Diagnostic cytology	Pranab Dey
59.	Leukemia Diagnosis	Barbara J Bain
60.	Essentials of Hematology	Shirish M Kawthalkar
61.	WHO classification of tumors of female Reproductive Organs	Robert J Kurman
62.	WHO classification of Skin tumors	David E Elder
63.	WHO classification of tumors of Lung, Pleura, Thymus and Heart	William D Travis
64.	WHO classification of tumors of central nervous system	David N Louis
65.	WHO classification of tumors of endocrine organs	Ricardo V Llyod
66.	WHO classification of tumors of hematopoietic and Lymphoid tissues	Steven H Swerdlow
67.	Postgraduate review MCQ in Hematology	Sanjeev kumar sharma
68.	Essentials in hematology and clinical Pathology	Ramadas Nayak
69.	Scheur's Liver biopsy Interpretation	Jay H Lefkowitz
70.	Textbook of Pathology for allied health science	Ramadas Nayak
71.	Essentials of clinical Pathology	Shirish M Kawthalkar
72.	Wheater's Functional histology	Barbara Young
73.	Practical Pathology	Harsh Mohan

74.	Manual of histological techniques	Santosh Kumar Mondal
75.	Essentials of Gynaecologic Pathology	Pranab Dey
76.	Essentials of Medical Parasitology	Apurba S Sastry
77.	Techniques in histopathology & cytopathology	Sadhna Vishwakarma
78.	Practical Pathology	ML Gupta
79.	Competency based logbook for 2nd MBBS Pathology	Saumya Singh
80.	The Bethesda system for reporting cervical cytology	Ritu Nayar
81.	Recent Advances in histopathology	Bosman
82.	The Bethesda handbook of clinical hematology	Griffin P Rodgers
83.	Pathology quick review	Harsh Mohan
84.	Clinical hematology	Atul Mehta
85.	Textbook of Pathology for DMXT & DMRT	Rohini Kaulgud

LISTS OF EQUIPMENTS /INSTRUMENTS IN THE DEPARTMENT OF PATHOLOGY

S.No	HEMATOLOGY
1.	CELL COUNTER (H560)
2.	CELL COUNTER (H360)
3.	CELL COUNTER (ABX HORIBA)(H360)
4.	Shaker Vortex
5.	Blood Mixer
6.	Incubator
7.	Hot air oven
8.	Centrifuge
9.	Water Bath
10.	Refrigerator
11.	Coagulometer
12.	Needle Destroyer
13.	Urine Analyzer
14.	HB Capillary Electrophoresis

15.	Water Purifier system
16.	Autoclave Sterilizer
HISTOPATHOLOGY	
17.	Tissue Processor -Leica
18.	Tissue Processor -Eprelia
19.	Embedding Station
20.	Embedding Slee
21.	Cold Plate
22.	Microtome
23.	Hot Plate
24.	Electronic forcep heater
25.	Digital balance
CYTOLOGY	
26.	Centrifuge
27.	Deep Refrigerator -20 ⁰ c
28.	SQA Vision (Semen Analyzer)
29.	Automatic slide stainer
30.	Cyto Centrifuge
RESERCH LABORATORY	
31.	Cryostat
32.	HB Capillary Electrophoresis
33.	Automated IHC Stainer
34.	Antigen Retrieval
35.	Immunofluorescence Microscope.
STUDENT SECTION	
36.	Microscopes(40)
37.	Projector complete set

Research Publications /Paper Presentations/ Book Chapters of the staff working in the department of Pathology:

1. Dr. Surinder K Atri - Professor & Head

PUBLICATIONS:-			
S.NO	Research Article Vancouver citation style	Whether faculty is lead author or corresponding author	Nature of Publication (Research Article/Review Article/Abstract/ Case Report)
1	SHARMA U, ATRI SK, SHARMA MC, SARKAR C, JAGANNATHAN NR. SKELETAL MUSCLE METABOLISM IN DUCHENNE MUSCULAR DYSTROPHY(DMD): AN IN VITRO PROTON NMR SPECTROSCOPY STUDY, MAGNETIC RESONANCE IMAGING 2003;21 : 145-153	LEAD AUTHOR	RESEARCH ARTICLE
2	SHARMA U, ATRI SK, SHARMA MC, SARKAR C, JAGANNATHAN NR. BIOCHEMICAL CHARACTERIZATION OF MUSCLE TISSUE OF LIMB GIRDLE MUSCULAR DYSTROPHY: AN 1H AND 13C NMR STUDY, NMR IN BIOMEDICINE 2003;16:213-223	LEAD AUTHOR	RESEARCH ARTICLE
3	ATRI SK, RANA VM, GUPTA R HER-2 ONCOPROTEIN EXPRESSION IN UROTHELIAL CARCINOMA. J EVOLUTION MED DENT SCI.2017;6(25-30)	LEAD AUTHOR	RESEARCH ARTICLE
4	ATRI SK, RANA VM, PANGOTRA M. ET AL. NON-NEOPLASTIC LESIONS INCLUDING CANCER MIMICS IN BENIGN PROSTATIC HYPERPLASIA. J EVOLUTION MED DENT SCI.2017;6(89): 6208-6213	LEAD AUTHOR	RESEARCH ARTICLE

5.	SARKAR N, AGARWAL R, DAS A, ATRI S, DEORARI AK. CONGENITAL AIRWAY ABNORMALITIES IN NEONATES. THE INDIAN JOURNAL OF PEDIATRICS 2002;69; 993-95	LEAD AUTHOR	RESEARCH ARTICLE
6.	ATRI SK, RANA VM, GUPTA R .HER-2 ONCOPROTEIN EXPRESSION IN UROTHELIAL CARCINOMA. J EVOLUTION MED DENT SCI.2017;6(25-30)	LEAD AUTHOR	RESEARCH ARTICLE
7	ATRI SK, RANA VM, PANGOTRA M. ET AL. NON-NEOPLASTIC LESIONS INCLUDING CANCER MIMICS IN BENIGN PROSTATIC HYPERPLASIA. J EVOLUTION MED DENT SCI.2017;6(89): 6208-6213	CORRESPONDING AUTHOR	RESEARCH ARTICLE
8	ATRI SK, RANA VM, RANA M. ET AL. PREVALENCE OF MOLECULAR SUBTYPES OF CARCINOMA BREAST: A STUDY FROM NORTH INDIA. J EVOLUTION MED DENT SCI.2017;6(89) 25-28	CORRESPONDING AUTHOR	RESEARCH ARTICLE
9	ATRI SK, RANA VM, CHANDIAL VS. HER2/ NEU EXPRESSION IN STOMACH AND GASTROINTESTINAL JUNCTION CARCINOMA IN ENDOSCOPIC BIOPSY SPECIMENS. J EVOLUTION MED DENT SCI.2017;6(88) 6123-26	CORRESPONDING AUTHOR	RESEARCH ARTICLE
10	RANA M, RANA VM, ATRI SK. CONTRIBUTION OF SOCIOECONOMIC FACTORS TO REPRODUCTIVE TRACT INFECTIONS AND INFERTILITY IN RURAL INDIA. J EVOLUTION MED DENT SCI.2015;4(21) 3669-74	CORRESPONDING AUTHOR	RESEARCH ARTICLE
11	RANA M, ATRI SK,BHAGAT S, RANA VM PAP SMEAR FOR SCREENING OF CARCINOMA CERVIX: A STUDY FROM RURAL NORTH INDIA , JOURNAL OF EVOLUTION OF MEDICAL AND DENTAL SCIENCES 2019;08(07):00-00	CORRESPONDING AUTHOR	RESEARCH ARTICLE

12	RANA M, ATRI SK,BHAGAT S, RANA VM ROLE OF FINE NEEDLE ASPIRATION CYTOLOGY IN DIAGNOSIS OF CARCINOMA BREAST,JOURNAL OF EVOLUTION OF MEDICAL AND DENTAL SCIENCES 2019;08(08):00-00	CORRESPONDIN G AUTHOR	RESEARCH ARTICLE
13	ATRI SK, BHAGAT S, RANA VM,SINGH K,RANA M.ROLE OF FINE NEEDLE ASPIRATION IN DIAGNOSIS OF SALIVARY GLAND LESSIONS.JOURNAL OF EVOLUTION OF MEDICAL AND DENTAL SCIENCES 2019;08(09):00-00	LEAD AUTHOR	RESEARCH ARTICLE
14	SHARMA MC ,RALTE AM,ATRI SK,GULATI S,KALRA V,SARKAR C CONGENTIAL FIBRE TYPE DISPROPORTION:A RARE TYPE OF CONGENTIAL MYOPATHY:A REPORT OF FOUR CASES,NEUROLOGY INDIA 2004;52(2):254-56	CORRESPONDIN G AUTHOR	RESEARCH ARTICLE
15	BHAT GM,ATRI SK,SHARMA A ROSAI-DORFMAN DISEASE: A CASE REPORT WITH REVIEW OF LITERATURE, INDIAN JOURNAL OF MEDICAL AND PEDIATRIC ONCOLOGY 2004;25(4) 29-41	LEAD AUTHOR	CASE REPORT
16	SHARMA R, MAJUMDAR SKD,NANDA S,ATRI SK,JULKA P,RATH GK ALVEOLAR SOFT PART SARCOMA WITH SPLEENIC METASTASES INDIAN MEDICAL GAZETTE 2004 ;CXXXXXIX(4):165-169	CORRESPONDIN G AUTHOR	CASE REPORT

17	RANA M, ATRI SK, CHIB V, KUMARI N POSTPARTUM INTRA-UTERINE CONTRACEPTIVE DEVICE, A METHOD OF CONTRACEPTION: A STUDY FROM RURAL NORTH INDIA. INTERNATIONAL JOURNAL OF CLINICAL OBSTETRICS AND GYNAECOLOGY 2019;3(1):169-173	CORRESPONDING AUTHOR	RESEARCH ARTICLE
18	RANA M, ATRI SK, CHIB V MORBIDLY ADHERENT PLACENTA, A CAUSE OF EMERGENCY OBSTETRICS HYSTERECTOMY: A 5 YEAR STUDY FROM DISTRICT HOSPITAL OF RURAL NORTH INDIA. INTERNATIONAL JOURNAL OF CLINICAL OBSTETRICS & GYNAECOLOGY 2019;3(6):205-208	CORRESPONDING AUTHOR	RESEARCH ARTICLE
19	SHARMA MC, ATRI S, JAGAHANNATHAN NR, SARKAR C(2002). EVALUATION OF MUSCLE BIOPSIES IN MYOPATHIC DISORDERS AND ITS CORRELATION WITH MAGNETIC RESONANCE SPECTROSCOPY, JOURNAL OF THE NEUROLOGICAL SCIENCES, 99:606	CORRESPONDING AUTHOR	RESEARCH ARTICLE
20	SHARMA MC, ATRI S, JAGAHANNATHAN NR, SARKAR C(2002). SPECTRUM OF MYOPATHIC DISORDERS IN INDIA. JOURNAL OF THE NEUROLOGICAL SCIENCES, 199:638	CORRESPONDING AUTHOR	RESEARCH ARTICLE
21	LEIOMYOMA OF SCROTUM: A CASE REPORT INTERNATIONAL JOURNAL OF SCIENTIFIC RESEARCH 2017; 06(06): 196-197	LEAD AUTHOR	CASE REPORT
22	OVARIAN LEIOMYOMA: RARE ENTITY, A CASE REPORT. INTERNATIONAL JOURNAL OF SCIENTIFIC RESEARCH 298; 7(11): 15	LEAD AUTHOR	CASE REPORT

LIST OF PRESENTATIONS PRESENTATION:

PRESENTATION:					
S.NO	Name of Presenter	Title of the Presentation	Name of conference	Date of presentation	Nature of presentation (Poster/Paper)
1	Atri SK	Evaluation of muscle biopsies in myopathic disorders and its correlation with magnetic resonance spectroscopy.	Xth International congress on Neuromuscular Diseases, Vancouver, Canada.	7-12 July 2002	Paper
2	Atri SK	Evaluation of Muscle biopsies in myopathic disorders and its correlation with magnetic resonance spectroscopy	Xth International congress on Neuromuscular Diseases, Vancouver, Canada (Also presented at Mid Neurocon 2002, AIIMS New Delhi	7-12 July 2002, 23-25 August 2002	Paper
3	Atri SK	Spectrum of myopathic disorder in india	Xth International congress on Neuromuscular Diseases, Vancouver, Canada	7-12 July 2002	Poster
4	Atri SK	Magnetic resonance spectroscopy in myopathic disorders	Annual conference of IAPM, Bhubneshwar	17-21 December 2003	Poster

5	Atri SK	Retraction pockets of the tympanic membrane: A Precursor of Cholesteatoma?	Annual conference of IAPM Delhi Chapter,	April 2004.	Poster
6	Atri SK	Comparative study of Topoisomerase II alpha and MIBI labelling indices in Astrocytic tumors	Annual conference of Delhi Neurological Association	February 2005	Poster
7	Atri SK	Anaplastic ganglioglioma: A report of two cases	Annual conference of IAPM Delhi Chapter,	April 2005.	Poster
8	Atri SK	Her2 oncoprotein expression in transitional cell carcinoma: Prognostic significance	Annual conference of IAPM, APCON 2015 at Kochi, Kerala	4-6th Dec 2015	Poster
9	Atri SK	Conventional pap smear Versus Liquid based cytology	"An update in Gynaecologic cancer" Jammu Chapter of AG01	2nd April 2015.	Poster
10	Atri SK	Prognostic Factor in cancer Ovary, their clinical application.	"An update in Gynaecologic cancer" Jammu Chapter of AG01	3rd April 2015.	Poster
11	Atri SK	Ovarian leiomyoma: Rare entity a case report	International CME on Gynaecological Pathology: Recent Advances and update at PGI Chandigarh	28-29 October 2017	Poster
12	Atri SK	Adenocarcinoma Cervix, an unusual Presentation	International CME on Gynaecological Pathology: Recent advances and update at Chandigarh	28-29 October 2017	Poster

LIST OF MD (Pathology) THESIS SUBMITTED TO UNIVERSITY OF JAMMU AS GUIDE

1. Evaluation of cervical cytological smears by conventional cytology, histopathology and immunohistochemistry.
2. Evaluation of breast lumps using FNAC, core needle biopsy & excisional biopsy
3. Evaluation of spectrum of histomorphological features in intestinal obstruction and perforation
4. Evaluation of peripheral lymphadenopathy for tuberculosis using FNAC, tubercular culture and genexpert
5. A Clinicopathological study of masses of nasal cavity, Paranasal sinuses and nasopharynx(Co- guide)

6. Age related histological changes in human adult prostate (Co-Guide). **LIST OF CONFERENCES ATTENDED**

1. Attended, XV, Annual Conference Delhi Chapter FAPM, at AIIMS New Delhi in April 2000.
2. Attended, National Hematology Update-II at AIIMS, New Delhi in Oct. 2000.
3. Attended, 4th National CME on dermatopathology at AIIMS, New Delhi in Feb. 2001.
4. Attended, XVIII, Annual Conference Delhi Chapter IAPM at MAMC, New Delhi held in April 2003.
5. Attended, 52nd Annual Conference of IAPM at Bhubaneswar in Dec. 2003.
6. Attended, 19th Annual Conference, Delhi Chapter IAPM at UCMS, New Delhi in April 2004.
7. Attended, 7th Annual Conference of Delhi Neurological Association at VIMHANS, New Delhi in Feb. 2005.
8. Attended, XX, Annual Conference, Delhi Chapter, IAPM at LHMC New Delhi in April 2005.
9. Attended, National Pediatric Gastroenterology Conference at GMC, Jammu in April 2007.
10. Attended, CME on Gynecological Pathology at PGIMER, Chandigarh in Sept. 2008.
11. Attended, International Pathology Update 2010 at PGIMER, Chandigarh in Feb. 2010.
12. Attended, National CME on safe blood transfusion at GMC, Jammu in Feb. 2011.
13. Attended, CME on Patient safety in Health Care facilities at GMC Jammu in August 2011.
14. Attended, Pedi-Pharma Update 2012 at ASCOM, Sidhra, Jammu in March 2012.
15. Attended, Seminar on Quality Awareness in Clinical laboratories at GMC, Jammu in April 2012.
16. Attended, 61st Annual Conference of IAPM at Jamnagar, Gujrat in Dec. 2012.
17. Attended, trainingprogramme on haemovigilanceProgramme of India at GMC, Jammu in May 2013.
18. . Attended, Annual Conference of Indian Society of Renal and Transplantation Pathology and International CME in Renal Pathology at AIIMS, New Delhi in Sept. 2013

- 19.** Attended, National CME GASTRO MEDICON 2014 at GMC, Jammu in April 2014.
- 20.** Attended, Dr, RR Thukral Midterm Conference of IMSA at ASCOM, Sidhra, Jammu in April 2014.
- 21.** Attended, Annual Conference, Jammu Chapter of Association of Gynecological Oncologists of India at Jammu in May 2014.
- 22.** Attended, CME and 9th Annual Conference of North States Chapter of ASI at GMC, Jammu in Oct 2014.
- 23.** Attended, North Zone Conference & Workshop of Indian Menopause society at GMC, Jammu in Nov. 2014.
- 24.** Attended, All India Congress of Obstetrics & Gynecology at Chennai in Jan. 2015.
- 25.** Attended, National CME titled Comprehensive hemophilia care and allied bleeding disorder at GMC kathua in March 2015.
- 26.** Attended, Scientific Meeting of Jammu Chapter AGOI at Jammu in April 2015.
- 27.** Attended, Annual Conference of the NW Chapter of IAPM 2015 at SGRDI MSAR, Amritsar in Sept. 2015.
- 28.** . Attended, CME-Resource development in Onco-Care of GMC Jammu Chapter AGOI at Jammu in Nov. 2015
- 29.** Attended, 5th Bi-annual Conference of Gastrointestinal Infection Society of India- GISICON 2015 at GMC, Jammu in Nov. 2015.
- 30.** Attended, 64th Annual Conference of IAPM at Kochi, Kerala in Dec. 2015.
- 31.** Attended, Mid term CME 2016 Hepatobiliary diseases, an update at GMC, Jammu in Feb. 2016.
- 32.** Attended, CME on Medicolegal aspects of Rape trial at GMC Jammu IN April 2016.
- 33.** Attended, CME cum Workshop on Gynaecological and Surgical Cancers, Jammu Chapter AGOI at Jammu in May 2016.
- 34.** Attended, Ist J&k Medical Science Congress at ASCOMS, Sidhra, Jammu in May 2016.
- 35.** Attended, 40th NWZ, AOICON-2016 at GMC, Jammu in Sept 2016.
- 36.** Attended, CME on skill development Course, Jammu Chapter AOGI at Jammu in Nov. 2016.
- 37.** Attended, International Conference Biocon- 2016 at GMC, Jammu in Nov. 2016
- 38.** . Attended, Pathcon 2017, NW Chapter of IAPM at GMC, Jammu in April 2017.
- 39.** Attended, CME on Young Gynaecologic Oncologists, Jammu Chapter AGOI at Jammu in May 2017.
- 40.** Attended, International CME on Gynaecological Pathology Recent advances and upat at PGIMER, Chandigarh in Oct. 2017.

41. Attended, APCON 2019, 68th Annual Conference of Indian Association of Pathologists and Microbiologist at PGIMER, Chandigarh in Dec. 2019.

Research Projects he is pursuing in the department .

1. Evaluation of Breast lumps by FNAC and Histology (Dr. Ravi Kumar, Senior Resident, Dr. Surinder k. Atri, Prof. & Head)
2. Hematological Evaluation in COVID-19 positive patients. (Dr. Rehana Qadir, Senior Resident, Dr. Surinder k. Atri, Prof. & Head)

Dr. Vidhu Mahajan :- Associate Professor

S. No	Research Article Vancouver citation style	Indexing System
1	MAHAJAN V, KALSOTRA N, KHAJURIA A, GUPTA RK. "HEMATOLOGICAL PROFILE IN NEONATES. A HOSPITAL BASED STUDY". JOURNAL OF EVOLUTION OF MEDICAL AND DENTAL SCIENCES 2015: VOL 4, ISSUE 89, NOVEMBER 05; PAGE: 15486-15492, DOI: 10.14260/JEMDS/2015/2214.	Index Copernicus
2	KALSOTRA N, MAHAJAN V, SHARMA VV, RAINA P, GUPTA A. THE EFFICACY AND SAFETY OF PREDONATED AUTOLOGOUS BLOOD TRANSFUSION IN ELECTIVE ORTHOPAEDIC SURGERIES. INTERNATIONAL JOURNAL OF SCIENTIFIC RESEARCH, VOL:4, ISSUE:11 NOVEMBER, 2015.	Index Copernicus
3	KALSOTRA N, MAHAJAN V, KALSOTRA G. EPIDEMIOLOGY OF POLYTRAUMA IN A TERTIARY CARE CENTRE. JOURNAL OF EVOLUTION OF MEDICAL AND DENTAL SCIENCES 2016.	Index Copernicus
4	KAUR A, MAHAJAN V, KAUL KK, Kaur S, MAHAJAN D. INCIDENCE AND PATTERN OF LEUKEMIAS IN JAMMU: A ONE YEAR RETROSPECTIVE ANALYSIS. INDIAN JOURNAL OF BASIC AND APPLIED MEDICAL RESEARCH; JUNE 2018: VOL- 7, ISSUE- 3, P. 289-294 289.	Index Copernicus
5	SHWETA, MAHAJAN D, MAHAJAN V, ANGMO P. HISTOPATHOLOGICAL PATTERN IN LUNG AUTOPSY IN GOVERNMENT MEDICAL COLLEGE JAMU. JOURNAL OF EVOLUTION OF MEDICAL AND DENTAL SCIENCES 2015; VOL. 4, ISSUE 91:	Index Copernicus
6	SHARMA M, MAHAJAN V, SURI J, KAUL KK. HISTOPATHOLOGICAL SPECTRUM OF TESTICULAR LESIONS-A RETROSPECTIVE STUDY. INDIAN JOURNAL OF PATHOLOGY & ONCOLOGY 2017;4(3):437-41.	Index Copernicus

7	MAHAJAN V, SHARMA M, SURI J, ATRI SK , KALSOTRA N. COMPUTED TOMOGRAPHY GUIDED FINE NEEDLE ASPIRATION CYTOLOGY OF MASS LESIONS OG LUNG: OUR EXPERIENCE IN A TERTIARY CARE HOSPITAL. INTERNATIONAL JOURNAL OF RESEARCHIN MEDICAL SCIENCE(2021) VOL 9.NO.12.	DOAJ
8	MAHAJN V , RANA VM, RAINA A, KALSOTRA N, GUPTA N, ATRI SK. CERVICAL PAP SMEAR: A RETROSPECTIVE STUDY ON SYMPTOMACTIC WOMEN IN A TERTIARY CARE HOSPITAL. INIAN JOURNAL OF PUBLIC HEALTH RESEARCH & DEVELPOMENT. 2022,13(3):349-52	Embase
9	GUPTA S, MAHAJAN V, GUPTA M. SEROPRAVELENCE OF HEPALITIS C VIRUS IN BLOOD DONORS OF KATHUA DISTRIC (J&K). INDIAN JOURNAL OF PUBLIC HEALTH RESEARCH & DEVELOPMENT 2022 VOLUME 14/ISSUE4/PG.274-75.	Embase

Dr Virender Mohan Rana:- Associate Professor

S. No	Research Article Vancouver citation style	Indexing System
1	ATRI SK, RANA VM, GUPTA R HER-2 ONCOPROTEIN EXPRESSION IN UROTHELIAL CARCINOMA. J EVOLUTION MED DENT SCI.2017;6(25-30)	Index Copernicus
2	ATRI SK, RANA VM, PANGOTRA M. ET AL. NON- NEOPLASTIC LESIONS INCLUDING CANCER MIMICS IN BENIGN PROSTATIC HYPERPLASIA. J EVOLUTION MED DENT SCI.2017;6(89): 6208- 6213	Index Copernicus
3	ATRI SK, RANA VM, RANA M. ET AL. PREVALENCE OF MOLECULAR SUBTYPES OF CARCINOMA BREAST: A STUDY FROM NORTH INDIA. J EVOLUTION MED DENT SCI.2017;6(89) 25-28	Index Copernicus
4	ATRI SK, RANA VM, CHANDIAL VS. HER2/ NEU EXPRESSION IN STOMACH AND GASTROINTESTINAL JUNCTION CARCINOMA IN ENDOSCOPIC BIOPSY SPECIMENS. J EVOLUTION MED DENT SCI.2017;6(88) 6123-26	Index Copernicus
5	RANA M, RANA VM, ATRI SK. CONTRIBUTION OF SOCIOECONOMIC FACTORS TO REPRODUCTIVE TRACT INFECTIONS AND INFERTILITY IN RURAL INDIA. J EVOLUTION MED DENT SCI.2015;4(21) 3669-74	Index Copernicus
6	RANA M, ATRI SK, BHAGAT S, RANA VM PAP SMEAR FOR SCREENING OF CARCINOMA CERVIX: A STUDY FROM RURAL NORTH INDIA , JOURNAL OF EVOLUTION OF MEDICAL AND DENTAL SCIENCES 2019;08(07):00-00	Index Copernicus
7	RANA M, ATRI SK, BHAGAT S, RANA VM ROLE OF FINE NEEDLE ASPIRATION CYTOLOGY IN DIAGNOSIS OF CARCINOMA BREAST, JOURNAL OF EVOLUTION OF MEDICAL AND DENTAL SCIENCES 2019;08(08):00-00	Index Copernicus

8	ATRI SK, BHAGAT S, RANA VM, SINGH K, RANA M. ROLE OF FINE NEEDLE ASPIRATION IN DIAGNOSIS OF SALIVARY GLAND LESIONS. JOURNAL OF EVOLUTION OF MEDICAL AND DENTAL SCIENCES 2019;08(09):00-00	Index Copernicus
9	RAINA A, RANA VM, QADIR R, ATRI SK. CYTOLOGICAL EVALUATION OF CERVICAL MLYMPHADENOPATHY IN A TERTIARY CARE CENTER GOVERNMENT MEDICAL COLLEGE KATHUA : TWO YEAR STUDY. INTERNATIONAL JOURNAL OF CLINICAL AND DIAGNOSTIC PATHOLOGY 2021;4(4):181-183	Index Copernicus
10	BHASIN C, RANA VM, KUMAR V, RAINA ANIL AND ATRI SK. CYTOLOGICAL EVALUATION OF THYROID SWELLINGS GOVERNMENT MEDICAL COLLEGE KATHUA. TWO YEARS STUDY. INTERNATIONAL JOURNAL OF CLINICAL AND DIAGNOSTIC PATHOLOGY 2022;5(1):94-97	Index Copernicus

Dr Dupinder Kaur (Associate Professor)

Sr. No	Publication in Vancouver referencing style.	Indexing System
1	Agarwal P Kaur D Correlation of ER & PR with proto-oncogene & proliferative marker Ki-67, Panacea Journal of Medical Sciences 29-04-2021;11 (11)50-52	DOAJ
2	Agarwal P Kaur D To Correlate HER-2/neu Status in invasive ductal carcinoma breast with histopathological grades of Nottingham Score Panacea J Med sci 2021;11(1)10-12	DOAJ

Dr Surbhi Mahajan (Assistant Professor)

S.No.	Name of the authors, title of the study, name of the journal, year volume issue and page numbers	Indexing status of Journal / Article)
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1.	Jandial A, Mahajan S, Bhardwaj S, Mahajan A, Gupta V. The Clinicopathological Profile of COVID-19 Associated Mucormycosis in Patients of a Tertiary Care Hospital in Jammu Region. JK Science [Internet]. 2022 Jul. 10 [cited 2024 Mar. 4];24(3):188-92.	Scopus indexed PISSN: 0972-1177
2.	Sharma RK, Bhardwaj S, Mahajan S. Patient's satisfaction with clinical laboratory services in a tertiary health care hospital of Jammu and Kashmir, India. Int J Community Med Public Health 2023;10:2468-73.	Index Copernicus
3.	Mahajan S, Gupta D, Jandial A, Bhardwaj S. To Study Clinicopathological Spectrum of Ovarian Tumour and Tumour Like Lesions in a Tertiary Health Care Centre of North India. JK Science 2023;25(2):77-81	Scopus indexed pISSN: 0972-1177
4.	Gupta D, Mahajan S, Gupta A, Mahajan D, Hans D. FNAC of Head and Neck Lesions in a Tertiary Care Institute of Jammu- A 3 Year Retrospective Study. JK Science 2023;25(2):108-112	Scopus indexed pISSN: 0972-1177.
5.	Jandial A, Mahajan S, Bhardwaj S et.al. The burden of metastatic lymphadenopathy in Jammu region-an observational study. International Journal of Research and Review. 2022; 9(1): 334-339.	Index Copernicus
6.	Mahajan S, Gupta I, Sharma S, Suri J. Histological Grading, Staging and Nottingham Prognostic Index Scoring of Breast Carcinoma: A Hospital Based Observational Study. JK Science [Internet]. 2023 Jul. 10 [cited 2024 Mar. 7];25(3):153-8.	Scopus indexed pISSN: 0972-1177
7.	Hafiz F, Mahajan S, Koul K K. Study of Morphological Patterns of Anemia in Adults. IOSR Journal of Dental and Medical Sciences (IOSR-JDMS), vol. 18, no. 11, 2019, pp 46-50.	Index Copernicus
8.	Mahajan S, Bhardwaj S, Sharma P. FREQUENCY OF BONE MARROW INVOLVEMENT IN CASES OF LYMPHOMA: A HOSPITAL BASED OBSERVATIONAL STUDY. IJSR. 2020. 9 (9).50-52.	Index Copernicus

Dr Reetika (Assistant Professor)

S.No.	Name of the authors, title of the study,name of the journal , year volume issue and page numbers	Indexing status of Journal / Article)
1.	Dr Reetika ,Dr Mahima ,Dr Anuja Sharma. Cytological Examination of serous body fluids:A-one year study International journal of medical science and Current Reserch Sep:-Oct 2020(Vo 13) Issue 5 P.No 88-96	PubMed
2.	Dr Manik Mahajan,Dr Reetika Gupta ,Dr Rahul Gupta A Comparative Study of Diagnostic Utility of Bronchial washings & Brushings IOSR-JDMS Vol. 18/Issue 7 Ser 8 (July 2019)PP-01-19	ICI
3.	Bhasin L, Rana VM,Kumar V ,Gupta R,Raina Anil &Arti SK Cytological Evaluation of Thyroid Swellings Govt. Medical College Kathua:A two Year Study. International Journal of Clinical & Diagnostic Pathology Issue:-2022:5(1):94-97	Index Copernicus
4.	Dr Abhishek, Dr Manik Mahajn, Dr Reetika. To Study the Prevalence of Vitamin D deficiency in patients of NAFLD in a Tertiary Care Hospital in Northern India. (IOSR-JDMS)/Vol.2/Issue 4 ser 6.(April2022)PP54-57	ICI

Dr Ritu Bhagat (Assistant Professor)

S. NO	Research Article Vancouver citation style	Nature of Publication (Research Article/Review Article/Abstract/ Case Report)
1	Jandial R, Bhagat R.Diversity of Ovarian Tumors: An Institutional Study.Asian Pac.J.Health Sci.2019;6(2):78-82.	Index Copernicus Indian Citation Index
2	Bhagat R, Jandial R, Kumar Vinod.Different causes of Pyrexia of Unknown Origin on Bone Marrow- An Institutional Experience.Journal of evolution of medical and dental sciences.2020;9(08):492-495.	Index Copernicus
3	Jandial R, Bhagat R, Kumar V. Lymph Node Fine Needle Aspiration Cytology(FNAC) in Pediatric Age Group. African Journal of Biomedical Research. 2024;27(4):05-10.	SCOPUS

4	Bhagat R, Kumar V, Bharadwaj S. Sarcoidosis in Jammu Region: A Prospective Study at Tertiary Care Centre.African Journal of Biomedical Research.2024;27(4):01-05.	SCOPUS
5	Bhagat R, Randhawa M, Bhardwaj S.Histopathological spectrum of oral cavity lesions.Journal of evolution medical dental science.2019;8(24):1886-1890.	Index Copernicus
6	Bhagat R,Singh S.Histopathological spectrum of liver diseases in autopsy cases.Journal of medical science and clinical research.2019;790:467-471.	Index Copernicus
7	Kumar V,Bhagat R, Khan S.Acute glomerulonephritis: A study of histoclinical correlation of patients at tertiary care centre.International journal of current research.2019;11(06):4757-4759.	Index Copernicus
8	Bhagat R,Jandial R.Exfoliative cytology of body fluids:A tertiary care study of jammu region.International journal of current research.2019;11(03).	Index Copernicus

RESEARCH PROJECTS IN PROGRESS IN LABORATORY

S.N o.	Title of Research Project	Name & Designation of Principal Investigator
1.	Haemetological evaluation of anaemia in geriatric patients in a tertiary care centre, kathua-A 2years study.	Dr. Virender Mohan Rana, Associate Professor Dept. of Pathology,GMC Kathua.
2.	Spectrum of PAP smear Cytology according to the Bethesda System 2014 in perimenopausal women presenting in a tertiary care center in North India	Dr Surbhi Mahajan, Assistant Professor Dept. of Pathology,GMC Kathua.
3.	Assesment of Diagnostic yield of fine needle aspiration cytology in head & neck masses: A Tertiary care experience.	Dr Surbhi Mahajan, Assistant Professor Dept. of Pathology,GMC Kathua.
4.	Epidemology & Prevalance of Squamous cell carcinoma in head & neck region :- A tertiary care Study	Dr Dupinder Kaur, Associate Professor Dept. of Pathology,GMC Kathua.

5.	Diagnostic Correlation of Palpable breast masses by FNAC & Histopathology	Dr Afsana Anjum(Senior Resident) & Dr Virender Mohan Rana Associate Professor Dept. of Pathology,GMC Kathua.
6.	A Comparative Study of Cell Block with Conventional smear Cytology in Diagnosing serous effusions. A-two year study	Dr Afsana Anjum (Senior Resident) Dr Vidhu Mahajan & Dr Virender Mohan Rana Associate Professor Dept. of Pathology,GMC Kathua.
7.	Histopathological findings in Autopsy Specimen	Dr Anil Kumar Sharma (Senior Resident) , Dr Vidhu Mahajan Associate Professor Dept. of Pathology,GMC Kathua.
8	Shadow and ghosts of hair matrix – Pilomatrioma : A hospital based retrospective study.	Dr. Shilpa Thakur(Senior Resident) &Dr Surbhi Mahajan, Assistant Professor Dept. of Pathology,GMC Kathua
9	Cytopathological spectrum of Salivary Gland Lesions According to the Milan System for Reporting Salivary Gland Cytopathological: A Retrospective Study.	Dr. Shilpa Thakur(Senior Resident) &Dr Vidhu Mahajan, Associate Professor Dept. of Pathology,GMC Kathua

Prof. & Head
Deptt of Pathology
GMC Kathua

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