



DEPARTMENT OF PATHOLOGY **GOVERNMENT MEDICAL COLLEGE KATHUA**

Email: gmckpathology1@gmail.com

GENERAL INTRODUCTION ABOUT THE DEPARTMENT:

➤ The word Pathology is derived from the Greek word **Pathos**; meaning suffering and if applied to modern medicine, it is the study of disease. Disease originates at cellular level; that means cellular pathologies arise from perturbations in molecules i.e genes, proteins and metabolites that influence cell survival and behaviors. Pathology is not only study of structural alterations in different diseases but also the effect of these changes on cellular/tissue function and ultimately the effect of these changes on the patient. It is not a discipline isolated from the living patient but rather a basic approach to a better understanding of disease and therefore a foundation of sound clinical medicine. The Department of Pathology is a bridge between basic sciences and clinical medicine. The foundation of modern pathology is understanding the cellular and molecular aberrations that give rise to diseases i.e the modern pathologists study the structural, molecular, biochemical and functional changes in cells, tissues and organs that underlie the disease. By the use of morphologic, microbiologic, immunologic and molecular techniques, pathologist attempts to explain the whys & wherefores of the signs and symptoms manifested by patients while providing rationale basis for clinical care & therapy. The four aspects of a disease process i.e etiology, pathogenesis, morphologic changes & clinical manifestations form the core of the pathology. Pathogenesis refers to the sequence of molecular, biochemical and cellular events from the initial stimulus to the ultimate expression of the disease. It explains how the underlying etiologies produce the morphologic & clinical manifestations. The study of pathogenesis remains one of the main domains of pathology.

DIFFERENT SECTIONS OF THE DEPARTMENT:

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

MISSION OF THE DEPARTMENT OF PATHOLOGY:

1. To perform all investigations of patients admitted in our hospital with as less turnover time as possible.
2. Participate in a recognized Quality Assurance Activities and receive formal accreditations to ensure that reports signed out of department are reliable.

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 laboratories in the department.
3. Hematology sections should have anemia laboratory, leukemia laboratory with flowcytometry, coagulation laboratory and hemolytic anemia laboratory.
4. Cytology sections should have facilities for exfoliative cytology, liquid based cytology, cell block and immunocytochemistry
5. 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: Once these sections are established 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.

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 carrier progression.
7. Quality control of equipments/Instruments.
8. Biomeidcal 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 undergraduateswherein 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 classesof students of B.Sc. Paramedical sciences.
5. Routine signs out 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	Name	Designation	Phone No.	Email id
1.	Dr. Surinder K. Atri	Professor & Head	9419538541	surinderkumaratri@gmail.com
2.	Dr. Vidhu Mahajan	Assistant Professor	9419422225	vidhunipun@gmail.com
3.	Dr. Virender M. Rana	Assistant Professor	7889790116	Vmrpath007@gmail.com
4.	Dr. Anil Raina	Assistant Professor	9419183367	Dranilraina00@gmail.com
5.	Dr. Reetika	Senior Resident	9419113830	Drreetika06oct@gmail.com
6.	Dr. Rashmi	Senior Resident	8091748556	rashmi.aithmia2999@gmail.com

Laboratory Technocrats and other Supportive Staff working in the department:

S.No	Name	Designation	Phone No.	Email id
1.	Sapna	Lab. Technician	7889683166	Sapnaverma8384@gmail.com
2.	Anil Saini	Lab. Technician	6005913055	anilsaidpur@icloud.com
3.	RajniBala	Lab. Technician	8899761974	Rajnibala1206@gmail.com
4.	Shilpa Devi	Lab. Technician	7889436077	Sumitshilpa143@gmail.com
5.	Archana Mansotra	Lab. Technician	7006932891	archanamansotra@gmail.com
6.	EktaKhajuria	Lab. Technician	9149529878	Sharmaekta257@gmail.com
7.	Manik Sharma	Lab. Technician	7006338551	Maniksharma68200@gmail.com
8.	Sanampreet Singh	Technical Assistant	7006215301	Singhsanampreet12@gmail.com
9.	Pooja Devi	Jr. Staff Nurse	6005151711	Poojaji2677@gmail.com
10.	RuhikaKanathia	Lab. Technician	7889766106	Ruhika1990@gmail.com
11.	Mahesh Singh	Technical Assistant	7889955429	Sumbriamahesh@gmail.com
12.	ShaliniPavra	Jr. Staff Nurse	7889891306	Shalinipavra23@gmail.com
13.	Anish Sharma	Technical Assistant	7889789105	Anishsharma82802@gmail.com
14.	Dilawar Khan	Technical Assistant	7780979562	Kingdilawar786.dk@gmail.com
15.	Poonam Rani	Jr. Staff Nurse	6005234473	rani02043@gmail.com
16.	RajniBala	Jr. Staff Nurse	9596147352	rjnibala2017@gmail.com
17.	Vishal Sharma	Record Clerk	8082670950	pankaj.sharma86853@gmail.com
18.	KoushalPandotra	Nursing Orderly	9086101312	Koushalpanotra12@gmail.com
19.	Aftab Ali	Nursing Orderly	9796237497	shivaniaftab@gmail.com
20.	Danish Sumbria	Nursing Orderly	8082772116	
21.	Rajinder Kumar	Nursing Orderly	7051893231	
22.	Lalita Devi	Lab Technician	6005796759	Lalitadevilove431@gmail.com
23.	Kaynatpertyal	Technical Assistant	9018820945	kpertyal@gmail.com
24.	Rimpy Devi	Class IV	6005538203	rimpydevi564@gmail.com

Books available in the departmental Library:

Sr. No.	Name of Book	Name of the author
1.	Color Atlas of Pathology	<ul style="list-style-type: none"> • U.N. Riede • LM Werner
2.	Essentials of Practical Pathology for undergraduates 4 th ed.	<ul style="list-style-type: none"> • Dr. Rajpal Yadav • Dr. Nidhi Verma • Dr. Meeta Singh
3.	WHO Classification of tumors of Breast 5 th ed.	<ul style="list-style-type: none"> • Sunil R. Lakhani • Ian O. Ellis • Stuart J. Schnitt • PuayHoon Tan • Marc J. Van de Vijver

Sr. No.	Name of Book	Name of the author
4.	WHO Classification of tumors of Soft tissues and Bones 4 th ed.	<ul style="list-style-type: none"> • Christopher DM Fletcher • Julia A. Bridge • Pancras C.W. Hogendoorn • Fredrik Mortena
5.	WHO Classification of tumors of Lung, Pleura, Thymus and Heart 4 th ed.	<ul style="list-style-type: none"> • William D. Travis • Elisabeth Brambilla • Allen P. Burke • Alexander Marx • Andrew G. Nicolson
6.	WHO classification of tumors of Female Reproductive organs	<ul style="list-style-type: none"> • Robert J. Kurman • Maria LusaCarcangiu • C. Simon Herrington • Robert H. Young
7.	Leukemia diagnosis	<ul style="list-style-type: none"> • Barbara J Bains
8.	Robbins basic pathology 1 st South Asian ed.	<ul style="list-style-type: none"> • Vinay Kumar • Abul Abbas • Jon Aster
9.	Bone Marrow Pathology 5 th ed.	<ul style="list-style-type: none"> • Barbara J Bains • David M. Clark. • Bridget S. Wilkins
10.	Essentials of Hematology 3 rd ed.	<ul style="list-style-type: none"> • Shirish M Kawthalkar
11.	Diagnostic immunohistochemistry 5 th ed.	<ul style="list-style-type: none"> • David J Dabbs
12.	Textbook of Pathology 8 th ed.	<ul style="list-style-type: none"> • Harsh Mohan
13.	Textbook of Pathology Quick Review 5 th ed.	<ul style="list-style-type: none"> • Harsh Mohan
14.	Guide to Forensic Pathology	<ul style="list-style-type: none"> • Jay Dix • Robert Calaluce
15.	Textbook of Pathology for DMXT & DMRT	<ul style="list-style-type: none"> • Dr. Rohini S. Koulgud • Dr. ChandrakalaRajanna
16.	Robbins and Cotrans Pathologic Basis of Disease . Vol. I South Asian ed.	<ul style="list-style-type: none"> • Vinay Kumar • Abul Abbas • Jon Aster
17.	Robbins and Cotran Pathologic Basis of Disease Vol. II South Asian ed.	<ul style="list-style-type: none"> • Vinay Kumar • Abul Abbas • Jon Aster

Sr. No.	Name of Book	Name of the author
18.	Bancroft's Theory and Practice of histological techniques. 8 th edition	<ul style="list-style-type: none"> • S.K Suvarna • Christopher Layton • John D. Bancroft
19.	Cytology Diagnostic Principles & Clinical correlation 4 th ed.	<ul style="list-style-type: none"> • Edmond S. Cibas • Barbara S. Ducatman
20.	Aspiration cytology (5 th edition)	<ul style="list-style-type: none"> • Svante R. Orell • Gregory F. Sterrett
21.	Practical Pathology (4 th edition)	<ul style="list-style-type: none"> • Harsh Mohan
22.	Muir's Textbook of Pathology (15 th edition)	<ul style="list-style-type: none"> • C. Simon Herrington
23.	Robbins and Cotran Pathologic Basis of Disease 1 st South Asian ed.	<ul style="list-style-type: none"> • Vinay Kumar • Abul Abbas • Jon Aster
24.	Rosai and Ackerman's Surgical Pathology Vol. I 1 st South Asian ed.	<ul style="list-style-type: none"> • John R. Goldblum • Laira W. Lamps • Jesse K. Mckenney • Jeffrey L. Myers
25.	Rosai and Ackerman's surgical Pathology Vol. II 1 st South Asian ed.	<ul style="list-style-type: none"> • John R. Goldblum • Laura W. Lamps • Jesse K. Mckenney • Jeffrey L. Myers
26.	DACIE AND LEWIS PRACTICAL Pathology (12 th edition)	<ul style="list-style-type: none"> • Barbara J Bains • Imelda Bates • Michael A. Laffan

Lists of Equipments/Instruments in the Department of Pathology:

S.No	List of Instrument/Equipment
1.	Incubator
2.	Hot Air Oven
3.	Autoclave
4.	Cell Counter (5 Part) Hematology Analyzer
5.	Cell Counter (3 Part) Hematology Analyzer
6.	Blood Mixer
7.	Laboratory Centrifuge
8.	Needle Destroyer
9.	Urine Analyser

S.No	List of Instrument/Equipment
10	Water Purification Plant
11	Water Bath
12	Automatic Tissue Processor
13	Embedding Station
14	Microtome
15	Coagulometer
16	Binocular Microscope
17	Microscope with camera
18	Refrigrator
20	Digital Balance

[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

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)
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

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)
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	CORRESPONDING 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 CONGENITAL FIBRE TYPE DISPROPORTION:A RARE TYPE OF CONGENITAL MYOPATHY:A REPORT OF FOUR CASES,NEUROLOGY INDIA 2004;52(2):254-56	CORRESPONDING 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 ;CXXXXIX(4):165-169	CORRESPONDING 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

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)
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:

Sl 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

Sl No.	Name of Presenter	Title of the Presentation	Name of conference	Date of presentation	Nature of presentation (Poster/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 MIB1 labelling indices in Astrocytic tumors	Annual conference of Delhi Neurological Assosiation	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	4-6 th Dec 2015	Poster

Sl No.	Name of Presenter	Title of the Presentation	Name of conference	Date of presentation	Nature of presentation (Poster/Paper)
9	Atri SK	Conventional pap smear Versus Liquid based cytology	"An update in Gynaecologic cancer" Jammu Chapter of AG01	2 nd April 2015.	Poster
10	Atri SK	Prognostic Factor in cancer Ovary, their clinical application.	"An update in Gynaecologic cancer" Jammu Chapter of AG01	3 rd 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)

2. Dr. Vidhu Mahajan - Assistant Professor

Lists of Publications:-

PUBLICATIONS:			
S. No.	Research Article <i>Vancouver citation style</i>	Whether faculty is lead author or corresponding author	Nature of Publication (<i>Research Article/Review Article/Abstract/ Case Report</i>)
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.	LEAD AUTHOR	RESEARCH ARTICLE
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.	CORRESPONDING AUTHOR	RESEARCH ARTICLE
3.	KALSOTRA N, MAHAJAN V, KALSOTRA G. EPIDEMIOLOGY OF POLYTRAUMA IN A TERTIARY CARE CENTRE. JOURNAL OF EVOLUTION OF MEDICAL AND DENTAL SCIENCES 2016.	CORRESPONDING AUTHOR	RESEARCH ARTICLE
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.	CORRESPONDING AUTHOR	RESEARCH ARTICLE

Research Projects she is pursuing in the department:

1. Coagulation profile in chronic liver disease. (Dr. Chiterlekha Bhasin, Senior Resident, Dr. Vidhu Mahajan Assistant Prof.)
2. PAP smear evaluation in patients presenting in Gynecology OPD in district Kathua. (Dr. Nidhi Gupta, Senior Resident, Dr. Vidhu Mahajan Assistant Prof.)

3 Dr. Virender Mohan Rana - Assistant Professor

LISTS OF PUBLICATIONS:-

PUBLICATIONS:			
S. No.	Research Article <i>Vancouver citation style</i>	Whether faculty is lead author or corresponding author	Nature of Publication (<i>Research Article/Review Article/Abstract/ Case Report</i>)
1	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
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	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	CORRESPONDING AUTHOR	RESEARCH ARTICLE
5	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
6	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
7	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
8	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

S. No.	Research Article <i>Vancouver citation style</i>	Whether faculty is lead author or corresponding author	Nature of Publication (<i>Research Article/Review Article/Abstract/ Case Report</i>)
9	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	CORRESPONDING AUTHOR	RESEARCH ARTICLE
10	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

Research Projects he is pursuing in the department:

1. Neonatal Anaemia: Clinico-Haematological Evaluation. (Dr. Ravi kumar, Senior Resident, Dr. Virender M. Rana Assistant Prof.)
2. Cytological Evaluation of Thyroid swellings. (Dr. Chiterlekha Bhasin, Senior Resident, Dr. Virender M. Rana Assistant Prof.)

4 Dr. Anil Raina - Assistant Professor

Lists of Publications:-

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.	RAINA A. GUPTA S. "PREVALENCE OF VARIOUS TYPES OF ANAEMIA AND THEIR RELATION WITH MORPHOLOGY OF RBC AND WBC IN ELDERLY POPULATION OF NORTH WAST INDIA". ASIAN JOURNAL OF MEDICAL RESEARCH 2018; VOL 7, ISSUE 3 , SEPTMBER 2018.	LEAD AUTHOR	RESEARCH ARTICLE
2.	RAINA A. GUPTA S. ROLE OF SERUM FERRITIN IN DIFFERENTIAL DIAGNOSIS OF ANAEMIA AND THEIR HAEMATOLOGICAL PROFILE IN GERIATRIC POPULATION" ANNALS OF INTERNATIONAL DENTAL ANDMEDICAL RESEARCH 2018; VOL 6 , ISSUE 1 , SEPTEMBER2018.	LEAD AUTHOR	RESEARCH ARTICLE

Research Projects he is pursuing in the department:

1. Pancytopenia: Clinico – Hematological Evaluation (Dr. Nidhi Gupta, Senior Resident, Dr. Anil Raina Assistant Prof.)
2. Cytological Evaluation of Cervical Lymphdenopathy. (Dr. RehanaQadir, Senior Resident, Dr. Anil Raina Assistant Prof.)