PUBLICATIONS HIMSR -2020

DEPARTMENT OF ANATOMY

1. Shalini Kumar, Priyanka Rana, Shayama Razdan. Variations in the Gluteal region & its Clinical significance - a Cadaveric study. Indian Journal of Clinical Anatomy & Physiology 2020; 7(4).

DEPARTMENT OF PHYSIOLOGY

- 1. Kaushal Chakraborty, Md Iqbal Alam, Gausal Azam Khan (2020) Vascular disease and role of Nitric oxide. International Journal of Environment and Health Sciences, Vol 2, 99-114
- Salamah Parveen Imteyaz, Bijli Nanda, Manisha Jindal, Mohammad Jaseem Hassan. Characteristic of anemia in hypothyroid pregnant females: A Case Control Study. Journal of Clinical and Diagnostic Research 2020;14(7): CC05-CC08

DEPARTMENT OF BIOCHEMISTRY

- Reyaz A, Alam S, Chandra K*, Kohli S, Agarwal S. Methylglyoxal and soluble RAGE in type 2 diabetes mellitus: Association with oxidative stress. Journal of Diabetes & Metabolic Disorders.2020; 19:515–521. <u>https://doi.org/10.1007/s40200-020-</u>00543-y.
- Chandra K, Jain V, Azhar M, Khan W, Alam O, Ahmad S., Jain SK*. Effect of augmented glycation in mobilization of plasma free fatty acids in type 2 diabetes mellitus. Diabetes & Metabolic Syndrome: Clinical Research & Reviews. 2020; 14: 1385-1389.
- 3. Kandpal C.G, Kumar R., Chandra K. Pandey S, Bisht T. Prevalence of hepatitis B virus genotype and sub-genotype in north and east region of India: DNA sequencing methodology. Current Trends in Biotechnology and Pharmacy 2020; 14:147-155
- 4. Chandra K., Jain SK, and Dwivedi S. The Role of Herbal Plants for the Management of Diabetes Mellitus: A Review. Cardiology today 2020; 24:74-81.
- Chandra K., Jain V., Jabeen A., Dwivedi S., Joshi S., Ahmad S., and Jain S.K. Effect of *Cichorium intybus* seeds supplementation on the markers of glycemic control, oxidative stress, inflammation, and lipid profile in type 2 diabetes mellitus: A randomized, doubleblind placebo study. Phytotherapy Research, 2020; 34(7): 1609-1618. I.F-3.8.
- Nandi K, Verma R, Dawar R, & Goswami B. Cell free DNA: revolution in molecular diagnostics – the journey so far. Hormone Molecular Biology and Clinical Investigation. 2020;41(1), 20190012.

- 7. Das S, Nandi K. Evaluation of preanalytical errors using quality indicators: experience in a tertiary care center. International Journal of Advanced Research.2020 Jan; 8 (1):810-13.
- Upadhyay, B., Dwivedi, S., Wajid, S., & Jain, S. K. (2020). Effects of Tobacco on Biochemical Parameters in Healthy and Type 2 Diabetic Subjects. Journal of Environmental Pathology, Toxicology and Oncology: Official Organ of the International Society for Environmental Toxicology and Cancer, 39(1), 23-37.

DEPARTMENT OF PHARMACOLOGY

1. Dubey H, Thakur T, Gulati K, Ray A. Role of the nitric oxide in Alzheimer's disease: Contextual link with nitric oxide synthase. *Curr Mol Med* 20(7): 505 – 515, 2020. DOI: 10.2174/1566524019666191129103117.

2. Gulati K, Thokchom SK, Ray A. Impact of chemical warfare agents on the immune System. In: Ramesh Gupta (Ed.); *Handbook of Toxicology of Chemical Warfare* Agents, 3rd Ed., San Diego: Elsevier Inc./Academic Press, 2020: pp. 685-704.

3. Ray A, Gulati K, Henke PG. Stress gastric ulcers and cytoprotective strategies: perspectives and trends. *Curr Pharm Des* 26: 1-9, 2020.

4. Rehman S, Ray A. Neuroprotective medicinal plants: focus on Curcuma longa. *EC Pharmacol Toxicol*, 8: 16-30, 2020.

5. Ray A, Gulati K, Rehman S, Rai N, Anand R. Role of Nutraceuticals as Adaptogens : An Update. In: Ramesh Gupta (Ed.); *Gupta-Nutraceuticals Second Edition*`., Elsevier/Academic Press, San Diego, CA, 2020: (In press)

6. Gulati K, Thokchom S, Joshi JC, Ray A. Regulatory Issues with Nutraceuticals. In: Ramesh Gupta (Ed.); *Gupta-Nutraceuticals Second Edition*`., Elsevier/Academic Press, San Diego, CA, 2020: (In press)

7. Gulati K, Verma P, Rai N, Ray A. Role of Nutraceuticals in Respiratory and Allied Diseases. In: Ramesh Gupta (Ed.); *Gupta-Nutraceuticals Second Edition*`., Elsevier/Academic Press, San Diego, CA, 2020: (In press)

8. Gulati K, Ray A. The evolving role of nitric oxide (NO) in cardiovascular diseases and beyond; *CV Network* (Canada), 19: 11-14, 2020.

9. Thokchom SK, Gulati K, Ray, A, Menon BK, Rajkumar. Effects of yogic interventions on markers of inflammation in patients with COPD: A randomized controlled study. *EC Pharmacol Toxicol*. 8 : 104-117, 2020.

10. Babita, Ray A, Menon B, Gulati K. A clinical study to evaluate the effects of Yoga and Pharmacotherapy on pulmonary functions, mechanism of inflammation and quality of life in bronchial asthma patients. *Clin Invest.* 2020 (in press)

11. Juveria Usmani, Razi Ahmad, Md. Jaseem, Manju Sharma: Potential role of natural immunomodulators as a novel approach in sepsis management. (Communicated), Journal of Herbal Medicine.

 Nabi N, Baluja Z, Mukherjee S*, Kohli S. Trends in Practices of Self-Medication with Antibiotics among Medical Undergraduates in India. (Saudi Medical Journal, under Review 2020).
SwarnaDabral ,Shoma Mukherjee, NilanjanSaha, SmitaManjavkar , Sunil Kohli. Survey of Easting Practices and Effect of Intervention on Dichetes Control During Remoden Fast: A study.

Fasting Practices and Effect of Intervention on Diabetes Control During Ramadan Fast: A study in New Delhi. National Medical Journal of India- Accepted.

14. Sana Rehman and Arunabha Ray. "Neuroprotective Medicinal Plants: Focus on Curcuma longa". *EC Pharmacol Toxicol* 2020;8(8):16-30.

15. Ray A, Gulati K, Rehman S, Rai N, Anand R. Role of nutraceuticals as adaptogens: an update. In: Gupta-Nutraceuticals 2nd

DEPARTMENT OF PATHOLOGY

- S Jetley, ZS Jairajpuri, S Rana, N Walvir, S Khetrapal, S Khan, MJ Hassan, J Jameel. Tumor histopathological response to neoadjuvant chemotherapy in bone sarcomas: a single institutional experience. International Journal of Health & Allied Sciences. 2020; 9:240-5.
- 2. Sabina Khan, Musharraf Husain, Mohd Jaseem Hassan, Sujata Jetley. Ultrasound guided Cytodiagnosis of Primary Squamous cell carcinoma of Gallbladder- A report of two cases. IP Archives of Cytology and Histopathology Research.2020;5(3):251-53
- ZS Jairajpuri, S Khetrapal, R Mohroo, S Jetley, AP Sharma, S Raj, B Sultan, S Rana. A Comparative Study of Verrucous Hyperplasia and Verrucous Carcinoma of the Oral cavity: Clinicopathological Dilemma Revisited. Oral Maxillofac Pathol J 2020;11(2): 45-49
- ZS Jairajpuri, A Jadhav, S Jetley, S Rana, B Sultan, M Trisal, S Khetrapal. Expression profile of apoptotic and proliferative markers in oral lesions and its clinicopathological significance. International Journal of Clinical and Diagnostic Pathology 2020; 3(1): 358-363
- 5. S Khetrapal, S Rana, ZS Jairajpuri. S Jetley, S Khan, MJ Hassan, N Ahmad. The Unusual Tales of Arch and Nape. Scholars Journal of Applied Medical Sciences, Jan 2020; 8(1): 29-39.
- 6. Musharraf Husain, Sabina Khan, Dinesh Badyal. Integration in Medical Education: An overview. Indian Paediatrics 2020; 15:842-847
- 7. N Ahmad, S Khan, MJ Hassan, S Jetley. Analysis of blood Donor Deferral Pattern in a new Blood Bank of a Tertiary Care Hospital in Delhi Region. International Archives of Biomedical and Clinical Research.2020;6(1):7-11

- M Trisal, S Rana, S Khetrapal, S Jetley, R Mohroo, ZS Jairajpuri. Blood Utilisation Practices and Quality Indicators at a Tertiary Care Hospital in South Delhi-A Retrospective Study. National Journal of Laboratory Medicine. 2020 Apr, Vol-9(2): PO01-PO03.
- R Mohroo, MJ Hassan, S Khan, N Ahmad, S Jetley. Distribution Pattern of ABO and Rh Blood Group Among Blood Donors at Hospital Blood Bank in Delhi- An Initial Step to Evaluate Preparedness to Fight an Epidemic. Int Arch BioMed Clin Res. 2020;6(3):PA3–PA6
- S Khan, I Abeer, M Husain, MJ Hassan, S Jetley. Xanthogranulomatous Cholecystitis mimicking advanced Gallbladder Carcinoma- Analysis of 8 cases. Journal of Cancer Research and Therapeutics. Ahead of print
- 11. MJ Hassan, S Panhotra, RN Mohroo, S Khan, S Jetley. Tonsillar Tuberculosis: Report of a common infection at a rare location. IP J Diagn Pathol Oncol 2020;5(3):336-338.
- 12. M Trisal, MJ Hassan, N Ahmad, S Khan, S Jetley. Angioleiomyoma presenting as a nodular swelling of leg: Report of a rare painful benign soft tissue tumor. IP Arch Cytol Histopathology Res 2020;5(3):248-250.
- 13. MJ Hassan, S Panhotra, S Raj, S Khan, S Jetley. Mucus Retention Cyst of Parotid Gland: A Rare Case Report. Sch J Med Case Rep, Jan., 2020; 8(1): 1-3
- 14. S Rana, ZS Jairajpuri, S Jetley, S Khetrapal. Microfilaria in Liver Aspirate: A Rare Finding. Sch J Med Case Rep,2020; 8(1): 4-6
- S Khan, S Hameed, N Ahmad, R Mohroo, MJ Hassan, S Jetley. Cytological Diagnosis of Cylindroma Scalp- A Rare Case Report. Saudi J Pathol Microbiol 2020; 5(5): 273-275
- 16. M Jain M, S Sehgal, OP Pathania. Atypical lipomatous tumor with osteoid metaplasia –a rare occurrence. Bangladesh Journal of Medical Science 2021;20(1):197-9.
- S Raj, ZS Jairajpuri, S Panhotra, S Jetley, S Khetrapal. Chondroid Syringoma: An Uncommon Adnexal Tumor at an Unusual Site. Acta Scientific Cancer Biology 2020; 4(2): 1-3.
- 18. RN Mohroo, MJ Hassan, S Rana, S Khan, S Jetley. Extraskeletal Myxoid Chondrosarcoma of Leg in a 35 Years Old Female: Report of A Rare Malignant Tumour of Uncertain Differentiation. Saudi J Pathol Microbiol 2020; 5(6): 311-14
- S Panhotra, ZS Jairajpuri, B Sultan, S Jetley, N Ahmad. Rare Neurogenic Tumor -Pacinian Neurofibroma: A Case Report. Annals of Pathology and Laboratory Medicine, Vol. 7, Issue 2, February, 2020 C-35 to C-37
- 20. S Panhotra, MJ Hassan, S Sehgal, S Khan, S Jetley. Canalicular Adenoma- A case report of a rare benign tumor of minor salivary gland of upper lip. Indian J Pathol Oncol 2020;7(2):320-322.
- S Khan, N Ahmad, M Hussain, MJ Hassan. Breast filariasis presenting with multiple breast lumps - A rare cytological diagnosis. Indian J of Pathology and Microbiology. Ahead of print.

22. M Trisal, S Khan, M Hussain, N Ahmad, MJ Hassan, S Jetley. Glomus tumor of uncertain malignant potential in the arm of an elderly female - Report of an unusual case. Indian J Dermatopathology and diagnostic Pathology. Ahead of Print.

DEPARTMENT OF MICROBIOLOGY

- Das AK, Dudeja M, Kohli S, Ray P, Singh M, Kaur PS. Biofilm synthesis and other virulence factors in multidrug-resistant uropathogenic enterococci isolated in Northern India. Indian J Med Microbiol 2020;38:200-9
- Amir Khan, Rachna Tewari, Neetu Shree. Mupirocin-resistant methicillin-resistant Staphylococcus aureus – Are these strains wrongly reported and treated? Int J Med Sci Public Health, 2020; 9(6): 363-7.
- Amir Khan, Rachna Tewari*, Neetu Shree, Mridu Dudeja. Biofilm production and its effects on virulence of MRSA: a study in tertiary care hospital, Delhi. Int J Community Med Public Health. 2020 Sep;7(9):3518-3523.
- 4. Singh M, Chauhan D, Das AK, Iqbal Z, Solanki PR. PVA/PMMA polymer blended composite electrospun nanofibers mat and their potential use as an anti-biofilm product. J Appl Polym Sci. 2020;e50340

DEPARTMENT OF FORENSIC MEDICINE

NIL

DEPARTMENT OF COMMUNITY MEDICINE

- 1. Agarwalla R, Jamal A, Gupta E, Pathak R, Panda M, Ahmed F. Assessment of adherence to international standards for tuberculosis care among private practitioners of Delhi. Indian Journal of Respiratory Care. 2020 Jan 1;9(1):58-61
- Ahmad A, Ahmad SZ, Khalique N, Ashraf M, Alvi Y. Prevalence and associated factor of Glaucoma in Aligarh, India – A population-based study. Delhi Journal of Ophthalmology. 2020;31(1):36-40
- 3. Panda M, Pathak R, Islam F, Agarwalla R, Singh V, Singh F. Interplay of multimorbidity and polypharmacy on a community dwelling frail elderly cohort in the peri-urban slums of Delhi, India. Journal of Family Medicine and Primary Care. 2020 Mar;9(3):1647-55
- 4. Singh M, Raina S, Parashar M, Gupta E, Goswami S, Gandhi MK. Is calorie intake the fundamental driver of noncommunicable diseases in India–A systematic review. Indian Journal of Public Health. 2020 Apr 1;64(2):161.
- Panda M, Pathak R, Agarwalla R, Rasheed N. A sneak peek into the curriculum on Disaster Management Medicine in India for health professionals: A mixed methods approach. J Edu Health Promot 2020; 9:13
- 6. Bano S, Ahmed F, Khan F, Chaudhary SC, Samim M. Enhancement of the cancer inhibitory effect of the bioactive food component resveratrol by nanoparticle-based delivery. Food & Function. 2020;11(4):3213-26.
- Jain A, Shaikh A, Malhotra K. Handshake habit amongst medical practitioners, need to abandon and embrace an alternative: analytical study in view of COVID-19 pandemic. International Journal of Community Medicine and Public Health. 2020 Jun;7(6):2352-6
- 8. Alvi Y, Faizi N, Khalique N, Ahmad A. Assessment of out-of-pocket and catastrophic expenses incurred by patients with Human Immunodeficiency Virus (HIV) in availing free antiretroviral therapy services in India. Public Health. 2020 Jun 1; 183:16-22.
- 9. Agarwalla R, Pathak R, Siddiqui A, Panda M, Gupta E, Islam F. A community-based intervention study to assess the effectiveness of awareness imparted on earthquake preparedness among the residents of South Delhi, India. Indian Journal of Community Medicine. 2020 Jul 1;45(3):375-8
- 10. Goswami S, Gupta S, Singh M, Gupta E. Adverse Events Following Pneumococcal Vaccination among Infants attending Immunization Clinic at a Tertiary Hospital in Northern India. Indian Journal of Community Health. 2020 Sep 1;32(3).
- 11. Khan F, Chaudhary B, Sultan A, Ahmad M, Alvi Y, Shah MS, et al. Qualitative Thematic Analysis of Knowledge and Practices of Surgical Antimicrobial Prophylaxis at a Tertiary Care Teaching Hospital. Surgical Infections. Online Ahead of Print: September 10, 2020.

- 12. Pathak R, Agarawalla R, Gupta S. Infodemics of COVID-19: The Role & Impact of Media. Journal of Comprehensive Health. 2020 Oct 8;8(2):73-6.
- 13. Alvi Y, Khalique N, Ahmad A, Shah MS, Faizi N. Quality of life among people living with HIV/AIDS receiving Highly Active Anti-retroviral therapy: A domain-based analysis. Indian Journal of Community and Family Medicine. 2020 (Accepted)

Book & Book Chapter publications: (2020)

- Alvi Y & Shah MS. Remembering women who empowered HIV care in India. In: Tazyn Rahman, editor. Women Empowerment. New Delhi: Empyreal Publishing House; 2020 ISBN : 978-81-944813-5-5
- Shah MS & Alvi Y. Unmet Need for Women Nutrition: A Quintessential Sustainable Development Goal. In: Tazyn Rahman, editor. Women Empowerment. New Delhi: Empyreal Publishing House; 2020 ISBN: 978-81-944813-5-5

DEPARTMENT OF GENERAL MEDICINE

1.Ritu Mishra, Shri Krishan, Ali Nasir Siddiqui, Prem Kapur, et al. Impact of metformin therapy on health- related quality of life outcomes in tuberculosis patients with diabetes mellitus in India: A prospective study. Int J Clin Pract 2020 Nov 25;e13864. doi: 10.1111/ijcp.13864.

2. Azharuddin M, Kapur P, Adil M, Ghosh P, Sharma M. The impact of sleep duration and sleep quality on glycaemic control in Asian population with type 2 diabetes mellitus: A systematic literature review and meta-analysis of observational studies. Clinical Epidemiology and Global Health **2020**; 8 (3): 967-75.

3. Azharuddin M, Kapur P, Adil M, Ghosh P, Sharma M. Health-related quality of life and sleep quality among North Indian type 2 diabetes mellitus patients: Evidence from a cross-sectional study. Sleep Medicine 2020; 73: 93-100.

4.Alam MS, Kapur P, Pillai PK, Pillai KK. Trends of Antimicrobial Resistance of Sepsis Pathogens at a University Hospital in New Delhi, India. Drug Research 2020 (online) DOI: 10.1055/a-1213-2206.

5.Sharma H, Dubey K, Jalali RK, Kapur P. Prevalence of COPD and its Comorbidities in South Delhi Population of India: A Hospital-Based Study. Ann. Int. Med. Den. Res. 2020; 6(1):PC01-PC03.

6.Ekbbal R, Dubey K, Kapur P. Comparative Tolerability of a Long Acting β 2 Agonist- Indacaterol Verses a Long Acting Muscarinic Antagonist-Tiotropium for the Treatment of COPD Patients. Ann. Int. Med. Den. Res. 2020: 6(1): PC07-PC11.

7. Potential role of adjuvant drugs on efficacy of first line oral antitubercular therapy: Drug repurposing. R Mishra, S Krishan, AN Siddiqui, P Kapur... - Tuberculosis, 2020 – Elsevier.

8. Azharuddin M, Adil M, Khan RA, Ghosh P, Kapur P, Sharma M. Systematic evidence of health economic evaluation of drugs for postmenopausal osteoporosis: A quality appraisal. Osteoporosis and Sarcopenia, 2020; 6(2): 39-52.

9.Md azharuddin, Mohammad Adil, prem kapur. Telemedicine use amid COVID-19: A global perspective. Middleeastmedicalportal.com.18-08-2020.

10.V Jain, A Chopra, S Kohli, A Khan. The Covid Conundrum for Healthcare: An Indian Perspectiveinternational journal of medical science and current research, vol 3, issue 3, page 325-331.

11. Jain, Vineet; Afreen, Khan; Garg, Richa; Chopra, Arushi; Gaur, Diksha; Kashyap, Varun Kumar; Kohli, Sunil; Bajaj, Kanupriya. Discriminating malaria and dengue fever in endemic areas: Clinical, biochemical and radiological criteria. Clinical Epidemiology and Global Health 2020,Elsevier https://doi.org/10.1016/j.cegh.2020.04.014.

12. Vineet Jain, Rafey Khan, Khan Afreen, Abhinav Jain, Sunil Kohli, Romit Bhushan. Dengue fever presenting with acute cerebellitis in an adult patient. International Journal of Medical Science and Current Research (IJMSCR), Volume3, Issue 3, Page No: 251-258.

13.Biofilm synthesis and other virulence factors in multidrug-resistant uropathogenic enterococci isolated in Northern India AK Das, M Dudeja, S Kohli, P Ray, M Singh, PS Kaur. Indian Journal of Medical Microbiology 38 (2), 200-209.

- 14. Methylglyoxal and soluble RAGE in type 2 diabetes mellitus: Association with oxidative stress A Reyaz, S Alam, K Chandra, S Kohli, S AgarwalJournal of Diabetes & Metabolic Disorders 19 (1), 515-521.
- Mapping the genomic landscape & diversity of COVID-19 based on> 3950 clinical isolates of SARS-CoV-2: Likely origin & transmission dynamics of isolates sequenced in India H Singh, J Singh, M Khubaib, S Jamal, JA Sheikh, S Kohli, SE Hasnain, ...Indian Journal of Medical Research 151 (5), 474.
- Jamal, S.; Singh, J.; Sheikh, J.A.; Singh, H.; Khubaib, M.; Kohli, S.; Dobrindt, U.; Rahman, S.A.; Ehtesham, N.Z.; Hasnain, S.E. Molecular Analyses of Over Hundred Sixty Clinical Isolates of SARS-CoV-2: Insights on Likely Origin, Evolution and Spread, and Possible Intervention. Preprints 2020, 2020030320 (doi: 10.20944/preprints202003.0320.v1).

17. MA Arif, MA Habib, V Amitabh, AK Najmi. The Incidence of Heparin Induced Thrombocytopenia of Chronic Kidney Disease (CKD) Patients on Maintenance of Hemodialysis Visiting to HAH Hospital jamia hamdard..., indian journal of pharmacy practice, 2020; 13(4):311-316.

- Hussain Salman, Jamali Mohammad Chand, Habib Anwar, Hussain Md Sarfaraj, Mohd Akhtar, Najmi Abdul Kalam; Diabetic kidney disease: An overview of prevalence, risk factors and bio markers; clinical Epidemiology and Global Health, 26th May 2020.
- 19. Baxi Harveen, Habib Anwar, Hussain Md Sarfaraj, Hussain Salman & Dubey Kiran; Prevalence of Peripheral neuropathy and associated pain in patients with diabetes mellitus: Evidence from across sectional study: Journal of diabetes and metabolic disorders; 31th July 2020.
- Hussain Salman, Singh Ambrish, Al shammari Thamir M, Habib Anwar, Hussain Md Sarfaraj, Jha robin, Mohd Akhtar, Najmi Abdul Kalam; Nicotinamide Therapy in dialysis patients : A systematic Review of Randomized controlled Trials; Saudi Journal of kidney diseases and transplantation 2020; 31(5):883-897.
- 21. Arif Mohd Arman, Habib Mohammad Anwar, Vindu Amitabh, Najmi Abdul Kalam, Mohd Akhtar; The incidence of heparin induced thrombocytopenia of chronic kidney disease (CKD) patients on maintenance hemodialysis visiting HAHC hospital, Jamia Hamdard, New Delhi; Indian Journal of pharmacy practice, vol-13, issue 4 oct-dec-2020.
- 22. Nayak, Vineet Jain, Manpreet Kaur, Naushad Khan, Ramesh Chandra Rai, Kritika Dixit, Rohit Sagar, Shipra Gupta, Mohammad Islamuddin, et al. Human immunity to chickengunya infection, J Immunol May 1, 2020, 204 (1 Supplement) 249.3.
- 23. Vineet Jain , Afreen Khan, et al. Discriminating malaria and dengue fever in endemic areas, clinical, biochemical and radiological criteria. Clinical Epidemiology and Global Health 8 (2020) 1204–1207.
- 24. Kaustuv nayak, vineet jain et al. Antibody response patterns in chikungunya febrile phase predict protection versus progression to chronic arthritis. JCI Insight. 2020;5(7):e130509.
- 25. Kailash chandra, vineet jain, et al. Effect of Cichorium intybus seeds supplementation on the markers of glycemic control, oxidative stress, inflammation, and lipid profile in type 2 diabetes.

DEPARTMENT OF PEDIATRICS

1. Rekha Harish, Deepak Pande in IAP textbook of tropical diseases edited by Raju C shah March 2020 Author chapter Non- Communicable diseases in children: Burden action and Targets Chapter 9.1 (p483-490),

2. Aparna C,Harish R,Naqishbandi R Lane Hamilton Syndrome with respiratory failure; A case report International Journal of Clinical Pediatrics Sept 20 9(3);87-91

3. Mishra V, Mohapatra JN, Debata P Assessment of knowledge and practices of mothers about infant feeding; a hospital based study; ; j of clinical & diagnostic research, 2020 JAN, vol-14(1): sc01-sc05.

4. Pratima K Ambedkar SN, Mohapatra JN Viamin d Deficiency Among Hospitalised Infants With Acute Lower Respiratory Tract Infection; Int j contemp peditr 2020;7: 1589-92.

5. Bedi N, Aggarwal P, Dang A, Nigam A. Transplacental COVID antibodies and cytokine storm in newborn: antibodies do not confer protection. J AssocPhys India 2020 Nov; 68:104-105

6. Kakalia S, Chakravarty A, Manson D, Lam R, Waters V, Kitai I. Choosing wisely: computed tomography in the diagnosis of adolescents with intrathoracic tuberculosis. J Pediatric Infect Dis Soc. 2020 nov 27:piaa134. Doi: 10.1093/jpids/piaa134. Epub ahead of print. Pmid: 33245122.

DEPARTMENT OF DERMATOLOGY

- A comparative study of topical tacrolimus and topical triamcinolone acetonide in nodular scabies. Manjhi M, Yadav P, Mohan S, Sonthalia S, Ramesh V, Kashyap V. Dermatol Ther. 2020 Jul 4:e13954. doi: 10.1111/dth.13954. PMID: 32621663
- Clinico-mycological study of Dermatophtyic infections in a Tertiary Care Hospital of South Delhi. Manjhi M, Sneha M, Sagar V, Yadav P, Ramesh V. J Evid Based Med Healthc. 2020 Oct.05;7(40),2349-2570.
- A Comparative Study of 50 % Glycolic Acid Peel and 30 % Salicylic Acid Peel in Mild to Moderate Acne - A Split Face Study. Manjhi M , Yadav P , Yadav A , Sagar V, Ramesh V. J Evid Based Med Healthc 2020; 7(49),2954-2958. DOI: 10.18410/jebmh/2020/604

- 4. scabies. Manjhi M, Yadav P, Mohan S, Sonthalia S, Ramesh V, Kashyap V. Dermatol Ther. 2020 Jul 4:e13954. doi: 10.1111/dth.13954. PMID: 32621663
- Clinico-mycological study of Dermatophtyic infections in a Tertiary Care Hospital of South Delhi. Manjhi M, Sneha M, Sagar V, Yadav P, Ramesh V. J Evid Based Med Healthc. 2020 Oct.05;7(40),2349-2570.
- Seroprevalence of hepatitis B infection among pregnant women at a tertiary care hospital. Bhandaru A, Manjhi M, Mohan S. International Journal of Current Microbiology and Applied sciences. Int.J.Curr.Microbiol. App.Sci. 2020;9(9): 2164-2166. doi: https://doi.org/10.20546/ijcmas.2020.909.270
- A Comparative Study of 50 % Glycolic Acid Peel and 30 % Salicylic Acid Peel in Mild to Moderate Acne - A Split Face Study. Manjhi M, Yadav P , Yadav A , Sagar V, Ramesh V. J Evid Based Med HealthC 2020; 7(49),2954-2958. DOI: 10.18410/jebmh/2020/604
- 8. Kakru N S, Beg M A, Ashraf Jamal. Evaluate association between isotretinoin and depression in acne patients: An open labelled prospective study. International Archives of Biomedical and clinical Research. 2020; 6(3):SD9–SD11.
- 9. Kakru N S, Beg M A, Ashraf Jamal. An analysis of gender differences in patients with hand eczema. International Archives of Biomedical and clinical Research. 2020:10(4)

DEPARTMENT OF PSYCHIATRY_

NIL

DEPARTMENT OF RESPIRATORY MEDICINE

1. Banday S, Talikoti MA and Banday J. Bronchial brushings, washings and biopsy in diagnosis of lung collapse: A comparative study. International Journal of Advanced Research in Medicine. 2020;2(1): 37-40

2. Banday S, Majid A Talikoti and Gupta M B. A cross sectional study of Metabolic Syndrome in patients with COPD. International Journal of Advanced Research in Medicine. 2020;2(1):29-36

3. Banday S and Kumar AJaiswal. Mediastinal Lymphadenopathy "Diagnostic Dilemma in Indian Subcontinent" A Review. Advancements in Homeopathic Research. 2020; 5(1

4. Banday S, Jain V and K AJaiswal. "Amyopathic dermatomyositis with diffuse lung disease", Journal of Family Medicine and Primary Care: 2020:3147-3150

DEPARTMENT OF GENERAL SURGERY

1. Sabina Khan, Inara Abeer, Musharraf Husain, Mohd Jaseem Hassan, Sujata Jetley. Xanthogranulomatous Cholecystitis mimicking advanced gallbladder carcinoma- Analysis of 8 cases. Ahead of print in Journal of Cancer Research and Therapeutics.

2. Monal Trisal, Sabina Khan, Mohd Jaseem Hassan, Musharraf Husain. Glomus tumor of uncertain malignant potential in the arm of an elderly female- Report of an unusual case. Ahead of print in Indian Journal of Dermatopathology and Diagnostic Pathology.

3. Sabina Khan, Musharraf Husain, Jaseem Hassan, Sujat Jetley. Ultrasound guided Cytodiagnosis of Primary Squamous cell Carcinoma of gall bladder- A reprt of two cases. IP archives of Cytology and Histopathology Research 2020;5(3):251-53

4. Jaseem Hassan, Tajamul Rashid, Musharraf Husain. Anorectal malignant amelanotic melanoma: Report of a rare aggressive primary tumor. Accepted in Journal of Cancer Research and Therapeutics.

5. Musharraf Husain, Sabina Khan, Dinesh Badyal. Integration in Medical Education. Indian Paediatrics 2020; 57:842-47

6. Altaf J, Rashid T, Husain M, Arif M, Ahmed M. Tumoral calcinosis, a diagnostic dilemma: a case report. Int J Adv Med. 2020 Aug;7(8):1286-1289

7. Altaf J, Rashid T, Husain M, Alam M, Ahmad M. Double Inferior Vena Cava: A Case Report. Am J Surg Tech Case Rep. 2020;1(1):1005.

8. Nehal Ahmad, Sabina Khan, Jaseem Hassan, Musharraf Husain, Sujata Jetley. Breast Filariasis presenting with Multiple lumps - A Rare Cytological Diagnosis' Accepted in Indian Journal of Pathology and Microbiology.

9. Mir JA, Masoodi SM, Rashid T, Masoodi SM. Comparison of magnetic resonance imaging and high frequency ultrasonography in carcinoma of tongue and its clinicopathological correlation: a prospective study. Int Surg J 2020; 7:239-47.

10. Javed A. Mir, Sanober M. Masoodi. Modified retrorectus procedure for repair of midline incisional hernias. International Surgery Journal, 2020 Apr; 7(4):1204-1211

10. Najar FA, Makhdoomi PHA, Rashid T, Bhat SN. Laparoscopy and the impalpable testes: diagnosis, treatment options and the literature. Int J Res Med Sci 2020; 8: 2928-32.

11. Tajamul Rashid, Shahid Rasool and Irfan Nazir. Primary Tuberculosis of Thyroid Gland: a rare case. International Journal of Current Research. 2020; 12, (05), 11621-11622.

12. Najar FA, Makhdoomi PH, Rashid T. Duodenal ulcer perforation and our experience and outcome with modified Graham's repair. IJSS Journal of Surgery 2020;6(3):14-17

13. Najar FA, Makhdoomi PHA, Rashid T. Small bowel obstruction in children due to intestinal ascariasis: role of conservative management. International Journal of Scientific Research 2020;9(8).

14. Ajay Kr. Thakral, Musharraf Husain, Divya Prasad. Introduction of Structured Interactivity in General Surgery Lectures for Final year MBBS Students. Accepted for publication in International Archives of Biochemical and Clinical Research.

15. Kumar V, Arora V, Jain D, Anwar J, Prasad D. clinical profile and outcomes in young patiens of ST elevation myocardial infarction. Frontiers journal of cardiology & cardiovascular medicine. Volume 01, Issue 01, Article ID FJCCM- 20-101

DEPARTMENT OF ORTHOPAEDICS

1. Ultrasonography in Early Rheumatoid Arthritis of Hand and Wrist Joints: Comparison with Magnetic Resonance Imaging. Sundeep Malla, Surabhi Vyas, Ashu Seith Bhalla, Uma Kumar, Sandeep Kumar & Arun Kumar Gupta. Indian Journal of Orthopaedics.2020

2. Feasibility of telemedicine in maintaining follow-up of orthopedic patients and their satisfaction: A preliminary study. Sandeep Kumar, Arvind Kumar, Mukesh Kumar, Ashok Kumar, Rajesh Arora, Rakesh Sehrawat, Journal of Clinical Orthopaedics and Trauma2020

3. Problems and solutions for orthopedic surgeons during COVID-19 pandemic. Sandeep Kumar, Rajesh Arora, Arvind Kumar, Surabhi Vyas, Shilpee Kumar, Priyanka Arora, Owais Ahmed Qureshi, Javed Jameel. j bone & joint diseases. Journal of Bone and joint diseases April 2020.

4. Combined medial patellofemoral and patellotibial reconstruction with soft tissue fixation in recurrent patellar dislocation: Some concerns Arvind Kumar; Yawer Haider; Javed Jameel; Owais Ahmed Qureshi. Injury2020

5. Comparative study between hybrid fixation and dual plating in the management of both bone forearm fractures involving proximal half of radial shaft in adult patients. Arvind Kumar, Rizwan Khan, Dushyant Chouhan, Rajesh Arora, Sandeep Kumar, Javed Jameel. Journal of Bone and joint diseases 2020

6. Comparison of three low-cost techniques to control fogging of sealed eyewear in a simulated

operating room environment: A preliminary analysis Arvind Kumar, Owais Ahmed Qureshi, Rajesh Arora, Sandeep Kumar, Javed Jameel, and Rizwan Khan. Journal of Clinical Orthopaedics and Trauma 2020

7. Complete posterior dislocation of fractured lateral condyle of tibia with disruption of proximal tibiofibular joint: A technical note. Arvind Kumar, Javed Jameel, Owais Ahmed Qureshi. Journal of Clinical Orthopaedics and Trauma 2020

8. Concerns regarding "Dynamic limited axial compression yields favorable functional outcomes in the fixation of Pauwels type-3 femoral neck fractures: A retrospective cohort study" Arvind Kumar; Rizwan Khan; Javed Jameel; Owais Ahmed Qureshi; Mukesh Kumar. Injury 2020

9. Concerns regarding one-bone forearm reconstruction and distal radioulnar joint fusion for emergency one-stage operation in traumatic major bone defect of forearm. Arvind Kumar, Yawar haider, Sandeep Kumar, Javed Jameel. Injury 2020

10. Concerns regarding the posterolateral plating as a safe alternative for the treatment of distal tibial fractures. Arvind Kumar, Naman Arora, Rajesh Arora, Mukesh Kumar. Injury 2020

11. Consequences of treatment of extracapsular fractures of hip with cemented bipolar hemiarthroplasty and dynamic hip screw fixation: A clinical study. Dr. Mohammad Fahad Ul Islam and Dr. Owais Ahmed Qureshi. International Journal of Orthopaedic Sciences. 2020

12. Defining the "mediolateral widening of tibial plateau" as a guide for reduction in tibial plateau fractures: An Indian perspective. A Kumar, J Passey, R Khan, R Arora, S Kumar, D Chouhan, J Jameel Journal of Clinical Orthopaedics and Trauma2020

Epidemiology of knee osteoarthritis using Kellgren and Lawrence scale in Indian population.
H Kumar, CP Pal, YK Sharma, S Kumar, A Uppal. Journal of Clinical Orthopaedics and Trauma 2020

14. An Unexpected Intra-Operative Encounter of Anterior Tibial Vessels Entrapment in the Fracture of Tibial Pilon: A Case Report and Literature Review. Abhinav Mishra, Saubhik Das, Hariom Prasad, Arvind Kumar, Prabhat Agrawal. Indian Journal of Orthopaedics2020

15. Letter to Editor regarding "Higher 30-day Mortality Associated With the Use of Intramedullary Nails Compared With Sliding Hip Screws for the Treatment of Trochanteric Hip Fractures: A Prospective National Registry Study" by M R Whitehouse et al. Arvind Kumar; Saubhik Das; Rajesh Arora; Jujhar Singh. Bone & Joint Journal (BJJ) 2020.

16. Management of subtrochanteric fractures of femur: A narrative review. Jamal Ashraf, Arvind Kumar*, Rizwan khan, Samarth Mittal. Journal of Musculoskeletal Surgery and Research2020

17. Morphometric variations of the lateral surface of the calcaneus: Can standard plate sizes fit all? Arvind Kumar, Shishir Rastogi, Yawar Haider, Sandeep Kumar, Shishir Chauhan, Jigyasa Passey. Journal of Clinical Orthopedics and Trauma2020

18. Perioperative COVID testing in orthopedic patients: Current Evidence. Arvind Kumar, Ashok Kumar, Saubhik Das. Journal of Clinical Orthopaedics and Trauma.2020

19. "Clamp and plate" - A simple technique for prevention of varus malreduction in reverse oblique peritrochanteric fractures. Arvind Kumar, Dushyant Chouhan, Amit Narang, Rizwan Khan, Samarth Mittal. Journal of Clinical Orthopaedics and Trauma2020

20. Reliability of relation between greater trochanter and centre of rotation of femoral head in Indian population. Arvind Kumar Jigyasa Passey Mukesh Kumar Dushyant Chouhan Manish Saini Saubhik Das. Journal of Clinical Orthopaedics and Trauma2020

21. Risk of radiologically undetected bony perforations with standard screw configurations for fixation of femoral neck fractures: A preliminary CT based study in Indian population Vivek Trikha, Arvind Kumar*, Samarth Mittal, Dushyant Chouhan, Siddharth Dubey. Journal of Clinical Orthopaedics and Trauma2020

22. The effect on outcomes of the application of circumferential cerclage cable following Intramedullary nailing in reverse intertrochanteric femoral fractures: Some concerns. Anupam Gupta, Hemant Bansal, Arvind Kumar, Samarth Mittal, Vivek Trikha. European Journal of Orthopaedic Surgery and Traumatology.2020

23. "Turn the tail, not the head": A simple, quick and inexpensive technique for safe removal of jammed/ round headed locking screws. Arvind Kumar*, Manish Saini, Javed Jameel, Rizwan Khan. European Journal of Orthopaedic Surgery and Traumatology2020

DEPARTMENT OF OTO-RHINO-LARYNGOLOGY_

1.*Monga S, Malik JN, Sharma A, Priya R P et al. Mucocele of the frontal sinus revisited. Pol Otorhino Rev 2020; 9 (2) : 1-5; 10.5604/01.3001.0014.1998

2. Arun Prakash Sharma, Seema Monga*, Junaid Malik, Khaja Nasereruddin, Shahid Rasool, Ratna Priya. Correlation between BMI and Oral Cancer: A Hospital Based Case- Control Study. International Journal of Research in Pharmaceutical Sciences.2020;12 (online first).

3.Malik JN, Sharma AP, *Monga S, Alam S, Joshi A, Rasool S, Bahadur S. A retrospective analysis of thyroid dysfunction following multi-modality treatment of head & neck malignancies. Polish Otorhinolaryngology Review. 2020; 9 (3): 17-22.

4. Arun Parkash Sharma, Junaid Malik, *Seema Monga, Shamsheer Alam, Shahid Rasool, Deepti Agarwal, Sudhir Bahadur. Analysis of the Efficacy of the Pectoralis Major Myocutaneous Flap in Reconstructive Head and Neck Surgery. Acta Otorrinolaringologica Espanola. 2020;(accepted)

5. Comparison between ELISA and PCR for Detection of Epstein-Barr Virus in Head and Neck Malignancies; Rasool S, Pampori RA, Majid S, et al. Int J Head Neck Surg;11(1):6–11. 2020

6. Cholesteatoma and Facial Canal Dehiscence: A Comparative Prospective Study: Rasool S, Garg R, Tandon A, Khatri S, Priya R, Malik J, et al. Am J Otolaryngol Head Neck Surg. 3(2): 1086; 2020.

7. Primary Tuberculosis of Thyroid Gland: A rare case. International Journal Of Current Research, Shahid et al 12, (05), 1161-1162.

DEPARTMENT OF OPHTHALMOLOGY

- 1. Gupta VS, Kapur M, Naik M, Mohammad A. Post-graduate exams amidst the COVID-19 pandemic: Our experience. Indian J Ophthalmol 2020; 68:2630-1
- Dubey G, Prabhu Avinash V, Khan T, Pant K, Ragni K, Chandra Mahesh. Role of Polyunsaturated Fatty Acid Derivative Flaxseeds in the Treatment of Dry Eyes- An Overview International Journal of Current Research and Review. Vol 12 Issue 23, December 2020, 35-40
- Dubey G, Khan T, Pant K, Ranjan R, Kumari V, Dixit SK, Prabhu A. Eye versus COVID 19 pandemic-The Hidden Link. International Journal of Medical Science and Current Research. 2020 June 3(3); 725-730.
- 4. Deshwal M, Sethi HS, Naik MP, Gupta VS. Topical steroid alone vs a combination with a posterior segment NSAID after Nd-YAG capsulotomy: Is the posterior segment NSAID really necessary? J Family Med Prim Care 2020; 9:664-8
- 5. Sethi HS, Naik M, Gandhi A. Megaloblastic anemia and bilateral disc edema: An enigma... Have we figured it out yet? Taiwan J Ophthalmol 2020; 10:71-5
- Sethi HS, Naik M, Bhalla A, Kapur M. Retro-intraocular Lens Irrigation-aspiration to Prevent Capsular Block Syndrome at the Hands of Novice Surgeons. Cureus. 2020 Mar 16;12(3): e7285.

DEPARTMENT OF OBSTETRICS AND GYNECOLOGY

- Rashid N, Nigam A, Jain SK, Naqvi SH, Wazid S. Proteomic sift through serum and endometrium profiles unraveled signature proteins associated with subdued fertility and dampened endometrial receptivity in women with polycystic ovary syndrome. Cell and Tissue Research 2020. Online 8th Feb 2020
- Rashid N, Nigam A, Wazid S. Assessment of insulin resistance and metabolic syndrome in young reproductive aged women with polycystic ovarian syndrome: analogy of surrogacy indices. Archive of physiology and biochemistry. Published online 8th Feb 2020
- **3**. Arpita De, Reva Tripathi, Neha Gupta. Analysis of cesarean sections using Robsons classification system in a tertiary hospital in New Delhi. Indian J Obstet Gynecol Res 2020;7(1):7-11.
- Aruna Nigam, Arpita De, Abhinav Jain, Neha Gupta, Reva Tripathi. Ovarian torsion in a 4-year-old girl: A rare occurrence. The Journal of Minimally Invasive Gynecology. Feb 2020, Vol 27(2), 244-245. DOI: https://doi.org/10.1016/j.jmig.2019.07.010 [Indexed-Pubmed]
- 5. Arpita De, Reva Tripathi. Successful conservative surgical management of Ovarian mucinous cystadenoma with silent torsion in pregnancy: A Case Report. Accepted for publication in Int J Reprod Contracept Obstet Gynecol for Mar 2020.
- Nigam A, Varun N, Sharma S, Munjal YP, Prakash A. Glycaemic profile in the second and third trimesters of normal pregnancy compared to nonpregnant adult females. Obstet Med 2020; 13:30-36. PMID 32284730 DOI:10.1177/1753495X18807549
- 7. Sahar T, Nigam A, Anjum S, Waziri F, Jain SK, Wazid S. Differential Expression of Lumican, Mimecan, Annexin A5 and serotransferrin in ectopic and matched eutopic endometrium and ovarian endometriosis. Gynecol Endocrinol 2020 Sep23:1-5.
- Bedi N, Aggarwal P, Dang A, Nigam A. Transplacental COVID antibodies and cytokine storm in newborn: antibodies do not confer protection. J Assoc Phys India 2020 Nov; 68:104-105
- Gupta N, Varun N et al. Determinants of STI's and contraceptive awareness among Indian adolescents: A hospital-based study. The New Indian journal of OBGYN. 7th sept, 2020. Epub ahead of print
- 10. Adolescent Sexual Behavior and Its Determinants: A Hospital Based Study. Journal of Family Medicine and Primary Care, 2020.
- 11. Gupta N, Srivastava A, Varun N, Anwar A, Nigam A. A prospective study on profile of gynecological problems in adolescent girls at a tertiary care centre. Int.J. School. Health. 2020; 7 (4): 23-28.
- 12. Aruna Nigam, Arpita De, Reva Tripathi. Complete uterine septum with cervical duplication and longitudinal vaginal septum: an anomaly supporting alternative embryological development. Accepted for publication in Oct 2020 for J Hum Reprod Sci.

13. Arpita De, Nidhi Gupta, Reva Tripathi, Abhinav Jain. Elusive Presentations of Female genital tuberculosis: A Case Series. Accepted for publication in Sep 2020 in J Clin Diag Research.

Books edited: Preterm Labour: Pikee Saxena, Aruna Nigam. First Edition 2020

DEPARTMENT OF ANESTHESIOLOGY

1. P Panjiar, K Bhatt, I Yousuf, A Kochhar - Trends in Anaesthesia and Critical 2020. Difficult airway in geriatric patients: Prospective study comparing various airway predictors in predicting difficult laryngoscopy

2. Agarwal J, Das JK. Managerial challenges in establishing a structured cardiopulmonary resuscitation program in a small healthcare setup' – Accepted for publication ami_120_20 (Acta Medica International) Nov 2020.

3. Datta R, Agrawal J, Narula G, Pahwa B. A fluoroscopic assessment of brachial plexus block by the supraclavicular approach: Have we been overmedicating? Med J Armed Forces India. 2020 Oct;76(4):410-417.

DEPARTMENT OF RADIODIAGNOSIS

1. Handshake habit amongst medical practitioners, need to abandon and embrace an alternative: analytical study in view of COVID-19 pandemic. Jain, Abhinav, Aqsa Shaikh, & Kriti Malhotra. *International Journal Of Community Medicine And Public Health* [Online], 7.6 (2020): 2352-2356. Web. 12 Jun. 2020

2. Impact of transition in socio-economic status on sonographically detected non-alcoholic fatty liver disease: a study based on modified Kuppuswamy classification in an urban population. Jain, Abhinav, Smita Manjavkar, Humaid Ali Jafri, & S. S. Anand. International Journal of Research in Medical Sciences. [Online], 8.6 (2020): 2255-2258.

3. Torsion in a massive hematosalpinx with a functional rudimentary horn: a rare cause of acute abdomen in adolescence, managed laparoscopically. De, Arpita, Renu Misra, & Abhinav Jain. International Journal of Reproduction, Contraception, Obstetrics and Gynecology [Online], 9.12 (2020): 5127-5130. Web. 3 Dec. 2020

4. Ovarian Torsion in a 4-Year-Old Girl: Rare Occurrence. J Minim Invasive Gynecol. Nigam A, De A, Jain A, Gupta N, Tripathi R. 2020 Feb; 27(2):244-245. doi: 10.1016/j.jmig.2019.07.010. Epub 2019 Jul 30. PMID: 31374342.

5. Qaiser M, Khan N, Jain A. Ultrasonographic assessment of diaphragmatic excursion and its correlation with spirometry in chronic obstructive pulmonary disease patients. Int J App Basic Med Res [serial online] 2020 [cited 2020 Dec 14]; 10:256-9

DEPARTMENT OF DENTISTRY

- Sukhvinder Singh Oberoi, Mansi Atri, Sunil Chaudhary, Nilima Sharma and Avneet Kaur Recent advances in the development of Nicotine vaccine: A systematic review. 2020 Ann Public Health Res 7(3): 1098.
- 2. A Naqvi, K Haider. Assessment of oral hygiene status and gingival diseases among school going children. Int Journal Psychosocial Rehab. 2020; 24: 14296-14301.
- 3. Sharma N, Hassan MJ. Benign fibrohistiocytic tumour of the palate. Indian J Dermatopathol Diagn Dermatol 2020; 7:23-26.