

DEPARTMENT OF ANAESTHESIOLOGY, RIMS, RANCHI

Research publication papers 2019-20

1. "EFFECT OF DEXMENDETOMIDINE ON EMERGENCE AGITATION IN CHILDREN UNDERGOING SURGERIES USING SEVOFLURANE– RANDOMIZED CONTROLLED OBSERVATIONAL STUDY".

AUTHORS NAME: Dr. Mukesh Kumar, Dr. Mukesh Kumar Kanth, Dr. Usha Suwalka.

Corresponding Author – Dr.Usha Suwalka.

2. "A STUDY OF THE EFFICACY OF INTRAVENOUS BOLUS DOSE OF ESMOLOL HYDROCHLORIDE FOR ATTENUATION OF HAEMODYNAMIC RESPONSES TO LARYNGOSCOPY AND ENDOTRACHEAL INTUBATION DURING GENERAL ANAESTHESIA".

AUTHORS NAME: Dr. BIKRAM MOHAN, Dr.(Prof) Rajesh Khanna, Dr.(Prof) Usha Suwalka.

3. "COMPARISON OF PROPOFOL, ETOMIDATE AND PROPOFOL- ETOMIDATE COMBINATION AS INDUCTION AGENT ON HAEMODYNAMIC PARAMETRES DURING ENDOTRACHEAL INTUBATION IN PATIENTS UNDERGOING LAPAROSCOPIC CHOLECYSTECTOMY".

AUTHORS NAME – Dr.Geeta Rani Tudu, Dr.Praveen Kumar Tiwari, Dr.Usha Suwalka, Dr.Pradeepta Kumar Majhi.

4. "COMPARATIVE STUDY OF ETOMIDATE VERSUS PROPOFOL AS INDUCTION AGENT ON HEMODYNAMIC PARAMETERS DURING ENDOTRACHEAL INTUBATION USING ENTROPY GUIDED HYPNOSIS LEVELS IN GENERAL ANAESTHESIA".

AUTHORS NAME: Dr. Harish Baskey, Dr.Mukesh Kumar, Dr.(Prof) Usha Suwalka

Corresponding Author – Dr. Mukesh Kumar

5. "COMPARATIVE STUDY OF PALONOSETRON VERSUS ONDANSETRON DEXAMETHASONE COMBINATION FOR PREVENTION OF POST – OPERATIVE NAUSEA AND VOMITING IN PATIENT POSTED FOR LAPAROSCOPIC CHOLECYSTECTOMY UNDER GENERAL ANAESTHESIA"

AUTHORS NAME – Dr. Kartik Chandra Besra, Dr. Azizul haque, Dr. Usha Suwalka

Corresponding Author – Dr. Azizul Haque.

6. "COMPARATIVE STUDY OF EFFECTS OF ENDOTRACHEAL TUBE CUFF INFLATION BY DIGITAL PALPATION METHOD VERSUS CUFF INFLATION BY PRESSURE GUAGE IN PATIENTS UNDERGOING SURGERIES UNDER GENERAL ANAESTHESIA AFTER ENDOTRACHEAL INTUBATION"

AUTHORS NAME:- Dr.Kundan Kumar, Dr.Ekrmul Haque. Dr. (Prof) Usha Suwalka

Corresponding Author – Dr. Ekramul Haque

7. "COMPARATIVE STUDY OF 0.1% BUPIVACAINE WITH FENTANYL VERSUS 0.1% ROPIVACAINE WITH FENTANYL FOR EPIDURAL LABOUR ANALGESIA"

AUTHORS NAME – Dr. Kumar Gourav, Dr. Praveen Kumar Tiwari, Dr. (Prof.) Usha Suwalka

Corresponding Author – Dr. Praveen Kumar Tiwari

REGIONAL INSTITUTE OF OPHTHALMOLOGY (RIO), RIMS,
RANCHI

PUBLICATIONS in year 2019

1. Dr. Rakesh Kumar, Dr. Priya Sinha, Dr. Aftab Ahmed and Rajiv Gupta “Atypical radiological findings of Wegener’s granulomatosis” International Journal of Medical Ophthalmology, 2019: 1 (1); 1-2.
2. Dr. Rakesh Kumar, Dr. Priya Sinha and Dr. Deepak Lakra “Clinical spectrum in congenital nasal duct obstruction.” International Journal of Medical Ophthalmology, 2019: 1 (1); 10-11.
3. Dr. Rakesh Kumar, Dr. Priya Sinha, Dr Nimish Kumar Singh and Rajiv Gupta “Decision making in surgical management of Uveitic cataracts” International Journal of Medical Ophthalmology, 2019: 1 (1); 12-14.
4. Dr. Nimish Kumar Singh and Vidya Bhusan Sinha “Effect of intravitreal Bevacizumab on macular edema secondary to retinal vascular occlusion.” International Journal of Medical Ophthalmology, 2019: 1 (1); 23-25.
5. Dr. Kanchan Mala “The role of perioperative nonsteroidal anti-inflammatory drugs use in cataract surgery.” International Journal of Medical Ophthalmology, 2019: 1 (1); 26-30.

6. Dr. Nimish Kumar Singh, Dr. Sunil Kumar, Dr. V. B. Sinha. "Prevalence and prognostic significance of retinal findings in pediatric cerebral malaria cases at a Tertiary Care Centre in eastern India." *International Journal of Medical Ophthalmology* Jan 2019; 1(1): 15-17.
7. Sunil Kumar, Dibya Prabha. "Etiology and Epidemiologic Profile of Childhood Ptosis in a Tertiary Care Centre in Eastern India." *Sch J App Med Sci*, April, 2019; 7(4): 1493-1495.
8. Samrin Sarwar, Kritika Chopra, Teisovi, Sunil Kumar and BP Gulliani. "Retinal and choroidal thickness measurement in myopic eyes by spectral domain optical coherence tomography and enhanced depth imaging: OCT." *International Journal of Medical Ophthalmology* 2019; 1(2): 04-08.
9. Dibya Prabha, Vidya Bhushan Sinha, Sunil Kumar. Aetiology and risk factors of bacterial corneal ulcer in tribal population of Jharkhand *International Journal of Medical Ophthalmology* Sep 2019; 1(2): 34-36.
10. Samrin Sarwar, Sunil Kumar, Swati Tyagi. Ocular tuberculosis presentation in north india and its current perspectives. *International Journal of Scientific Research* Oct 2019;8(10):48-51.

11. Shilpi Dubey, Sunil Kumar and Sudhanshu Mishra. Pattern of Ocular Trauma in Road Traffic Accidents in a Tertiary Care Hospital of Eastern India. East African Scholars J Med Sci; Vol-2, Iss-11 (Nov, 2019): 613-616.

12. Dr. R. Kumar, Dr. P. Sinha, Dr. Nimish K. Singh, Dr. A. Kumar, Dr. R. K. Gupta “Orbital Lymphoma – review of Literature” IOSR- Journal of Dental and Medical Sciences, eISSN 2279-0853, pISSN 2279-0861, April 2019: 18 (4): 5-9.

13. Dr. Puspa Kumari, Dr. M. Deepak Lakra, Dr. R. K. Gupta “to find out if there is any association between dyslipidemia and cataract in tribal population.” International Journal of Contemporary Medical Research, September 2019: 6 (9); 15-17.

14. Dr. Puspa Kumari, Dr. M. Deepak Lakra “Comparitive study of dry eye after Phacoemulsification and manual SICS in tertiary care of Jharkhand.” International Journal of Contemporary Medical Research, November 2019: 6 (11); 5-8.

15. Dr. Dibya Prabha, Dr. V. B. Sinha “Clinical profile and visual outcome of pediatric ocular trauma in a tertiary care hospital in Jharkhand.” Bihar Journal of Ophthalmology, November 2019: 44 (2); 22-24.

16. Dr. Payal Mukherji, Dr. V. B. Sinha “Ocular rhinosporidiosis- a case report” Bihar Journal of Ophthalmology, November 2019: 44 (2); 45-46.

Preventive and Social Medicine

Publications

2019-2020

- 1) Vidyasagar, Jilani K. A cross-sectional study in school absenteeism among female adolescents during menstruation in the rural Jharkhand; Int J Community Medicine Public Health 2020; May; 7(5): xxx-xxx
- 2) Kumar R, Sagar V, Kujur A. Sociodemographic Profile and Factors Associated to Nature of Crime of Inmate at a Juvenile Detention Centre, Ranchi, Jharkhand, India.
- 3) Jilani K, Vidyasagar. Study of dog bite and vaccination status in an urban community of Ranchi, Jharkhand. International Journal of Sciences and Research 2020; Feb 9 (2): 1587-1589
- 4) Jilani K, Vidyasagar, Kumar C. Menstrual Hygiene Management Among the Rural Adolescents of Ranchi, Jharkhand - A Cross sectional study. International Journal of Scientific Research. 2020 Feb 9(2) Pg 64-67
- 5) Paswan D K, Singh S, Kujur A, Sagar V. A Community Based Cross-sectional Study of Socio-economic Profile and Utilisation of Services under JSSK by Postnatal Mothers in Rural Field Practice Areas of RIMS, Ranchi; Indian J of Medical Research; 151(4); 2020
- 6) Singh SB, Kumar D, Kashyap V, Singh S. A comparative study of automated blood pressure device and mercury-free LED blood pressure device using Lin's concordance correlation coefficient and other validity measures in Indian population. Journal of Family Medicine and Primary Care. 2020;9(3): 1464-1469.
- 9) Rana R Kumar, Kumar R, Kashyap N, Sagar V, Karn P Kumar. An Epidemiological investigation report of suspected malaria deaths in two blocks of District Garhwa, Jharkhand. International Journal of Medicine and Public Health 2019; 9 (1);22-23
- 10) Kumar A, Rana RK, Sunderam S, Sinha SK, Jaiswal R, Kashyap V. Progression from tuberculosis to multi drug resistance -TB in revised national tuberculosis control programme: perspectives from health system care givers. Int J Community Med Public Health 2019;6:2378-83.
- 11) Baghbanzadeh M, Kumar Dewesh, Yavasoglu S I, Manning S, Hanafi-Bojd A A, Ghasemzadeh H, Sikder I, Kumar Dilip, Murmu N, Haque U. *Malaria Epidemics in India : Role of Climatic Condition and Control Measures*. Science of the Total Environment; 2019 April 10;Vol 712:1363678.
- 12) Kumar C, Soren SK, Singh S, Kumari N, Sagar V, Singh SB. Awareness about rabies and health seeking behavior among animal bite victims attending a tertiary care hospital of Jharkhand. Int J Community Med Public Health 2019;6(10):4426-4431

- 13) Pushpa, Kumar D, Sagar V, Kashyap V, Kumari AP. Theme of World Health Day continued for the 2nd year in row(2018-2019)- what it means to India. *Indian J Community Fam Med* 2019;5:92-6
- 14) Pushpa, Kujur M, Kiran KA, Kashyap V. Burden of animal bites in Urban Field Practice Area of Rajendra Institute of Medical Sciences, Ranchi: A Secondary Data Analysis. *International Journal of Scientific Research*, vol 8;2019 Dec:1-2 DOI : 10.36106/ijsr
- 15) Kiran A, Kumari S, Kujur M, Kashyap V. Study on utilization of personal protective equipments by paramedical staffs: an institutional study at RIMS, Ranchi. *Int J Community Med Public Health*, 2019; 6:4447-9
- 16) Kujur M, Kiran A, Xaxa A, Kashyap V. Determinants of road traffic accidents cases in tertiary care hospital at Ranchi, Jharkhand. *Int J Community Med Public Health* 2019;6: 4955-8
- 17) Kumar N, Kiran A, Kashyap V. Study of Complications of Plasmodium Falciparum Cases Admitted In Medicine Department of A Tertiary Care Hospital, Ranchi, Jharkhand. “*IOSR Journal of Dental and Medical Sciences (IOSR-JDMS)*, 2019; vol. 18, no. 1, pp 30
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DEPARTMENT OF PHARMACOLOGY, RIMS, RANCHI

Research Publication (2019-2020):-

1. Gari M, Varshney M, Lal S. Prescription auditing and observational study in a tertiary care hospital. *Int J Basic Clin Pharmacol* 2019;8:2149-52.
2. Gari M, Bansal M. Prescription analysis of hypolipidaemic agents in the department of cardiology in a tertiary care hospital. *Int J Basic Clin Pharmacol* 2019;8:2557-60.
3. Gari M, Varshney M. Evaluation of learning and memory in rat through elevated plus maze model. *Journal of Biomedical and Pharmaceutical Research* 2020; Vol 9, Issue 2,
4. Satish Chandra. "Analytical Study of Prescribing Pattern of Drugs In Ent Outpatient Department of a Tertiary Care Hospital." *IOSR Journal of Dental and Medical Sciences (IOSR-JDMS)*, vol. 18, no. 9, 2019, pp 51-56.
5. Shreya Lal, Satish Chandra, Subhankar Choudhury, Manju Gari. An effectiveness, safety and tourability study of azilsartan and telmisartan in patients of essential hypertension: A randomized and AND open-label study. *JBPR* : Vol 9, Issue 1, January- February 2020, Page – 61-68.
6. Kujur ADS, Ekka NMP, Chandra S. Antibiotic utilization pattern in the department of surgery in a tertiary care centre in eastern India. *Int Surg J* 2019;6:4080-5.
7. Kumar, R., Shakeel, A., Gari, M., & Keshri, U. S. P. (2020). TO Study the Anti-Nociceptive effect of Cinnarizine alone and in combination with tramadol in albino rats by tail flick method. *Journal of Biomedical and Pharmaceutical Research* 2020, 9(1) page – 45-50.
8. Dr Aasim Shakeel. —A prospective study of pharmacovigilance awareness among consumers of healthcare services in a tertiary care hospital of Jharkhandl. *IOSR Journal of Dental and Medical Sciences (IOSR-JDMS)*, vol. 18, no. 12, 2019, pp 07-12.
9. Kumari A, Kumar K, Gari M, Pallavi K, Choudhury S. A prospective observational study of prescription pattern in a tertiary care teaching hospital of Jharkhand. *Int J Basic Clin Pharmacol* 2019;8:2620-4.
10. Keshav Kumar. "A Comparative Study of Effect of Atorvastatin and Donepezil on Learning and Memory in Scopolamine Induced Amnesia in Albino Rats." *IOSR Journal of Dental and Medical Sciences (IOSR-JDMS)*, vol. 18, no. 12, 2019, pp 61-68.
11. Majhee L, Chandra A, Gari M, Shakeel A. Prescription audit of online booked outpatients for department of medicine and dermatology in a tertiary care hospital: a comparative observational study. *Int J Basic Clin Pharmacol* 2019;8:2689-92.
12. Kumari K, Toppo MS, Priyanki. Self medication practices of over the counter analgesic drugs among medical students in a tertiary care hospital in Jharkhand, India. *Int J Basic Clin Pharmacol* 2019;8:903-9.
13. Priyanki, Kumari K, Gari M, Pathak AK. A study of the current prescribing and drug utilization pattern in Ophthalmology Department of a tertiary care teaching hospital. *Int J Basic Clin Pharmacol* 2019;8:497-501.
14. Kumari K, Gari M, Toppo MS, Soreng IA, Priyanki. Self-medication practices of over the counter analgesics among first and third semester undergraduate medical students in a tertiary care medical college, Jharkhand. *Int J Basic Clin Pharmacol* 2019;8:2614-9.
15. Raj P, Choudhury S, Kundu S, Patel S, Sidar B. Study of prescription pattern in a tertiary care hospital in Chhattisgarh, India: an observational study. *Int J Basic Clin Pharmacol* 2018;7:598-602.

Poster Presentation:-

- a. by Dr. Anshuman Chandra, Title - "Pharmacometabolomics :- Concept with current & future prospects — in path to Global course, Hyderabad".
- b. By Dr. Aasim Shakeel (in ISRPTCON — Patna, Date — Nov. 2018), Title —"Drug induced hepatotoxicity & Erythroid hyperplasia in a patient of Rheumatoid Arthritis — A case report"
- c. By Dr. Megha Bansal & Dr. Manju Gari (in ISRPTCON — Kolkata, Year — 29/11/2019), Title —"Drug induced Erythema – Multiforme major — A case report"
- d. By Dr. Keshav Kumar & Dr. Abha Kumari (in ISRPTCON — Kolkata, Date— 29/11/2019), Title —"Biosimilars: Current status and future prospect"
- e. By Dr. Kumari Pallavi & Dr. Rajiv Kumar (in ISRPTCON — Kolkata, Date— 29/11/2019), Title —"PvPI: current scenario & future prospect"

Conference

1. Dr. Manisha Varshney, Dr. Megha Bansal, Dr. Archana DS Kujur, Dr. Shreya Lal, Dr. Aashim Shakeel, Dr. Ravi Ranjan, Dr. Priyanki, Dr. Keshav Kumar, Dr. Anshuman Chandra, Dr. Kumari Pallavi, Dr. Pramveer Kumar - Workshop on Research Methodology (PSM) (Jan' 19)
2. Dr. Manisha Varshney, Dr. Megha Bansal, Dr. Archana DS Kujur, Dr. Shreya Lal, Dr. Anshuman Chandra - Path 2 Global Course (P2GC) Hyderabad (Aug' 19)
3. Dr. Megha Bansal - Pharmatech (Workshop) Mumbai (Feb 19)
4. Dr. Manisha Varshney, Dr. Megha Bansal, Dr. Archana DS Kujur, Dr. Aasim Shakeel, Dr. Shekhar Kr. Choudhary, Dr. Priyanki, Dr. Keshav Kumar, Dr. Anshuman Chandra, Dr. Kumari Pallavi, Dr. Kumar Rajnish - ISRPTCON 2019 kolkata (29 – 30 Nov 2019)
5. Dr. Pramveer Kumar - Research Methodology, Clinical trials and paper publication (IADV L – Ranchi 09/12/2019)

CME Programme:-

Prof. (Dr.) Santanu kumar Tripathy Prof. & Head, Department of Clinical & Experimental Pharmacology, Calcutta School of Tropical Medicine, Chittaranjan Avenue, Kolkata – 700013.
Title -Can Pharmacologist contribute in optimization of patient health care outcome (10/07/2019)

Ongoing Research Work:-

1. Dr. Sonika Bhardwaj :- To evaluate the antidepressant effect of granisetron and compare it with fluoxetine (20/08/2019).
2. Dr. Kamal Das :- A comparative study of effectiveness and safety of topical Calcipotriol and topical methotrexate in chronic plaque psoriasis (20/08/2019).
3. Dr. Subodh Kumar Paswan :- A comparative study of effectiveness and safety of Fexofenadine and Bilastine in allergic rhinitis at RIMS, Ranchi (22/08/2019).
4. Dr. Deepa Mishra :- A comparative study to analyse the effect of Cilostazole on depression and anxiety in albino rats (24/08/2019).
5. Dr. Amit Kumar :- Analytical study of drug prescribing pattern and its effect on the quality of life in patients of chronic kidney disease on Haemodialysis at RIMS, Ranchi (27/08/2019).
6. Dr. Rajesh Ranjan :- A comparative study of vitamin D and metformin of fasting blood glucose level of streptozotocin nicotinamide induced diabetic albino rats (28/08/2019).
7. Dr. Shekhar Kumar Choudhury :- A prospective study on pattern of adverse drug reaction reported at pharmacovigilance centre of RIMS, Ranchi (29/08/2019).
8. Dr. Mahesh Kumar Mishra :- A comparative safety and effective study of topical clindamycin and adapalene in mild to moderate acne vulgaris (03/09/2019).

Department Of Pediatrics

Annexure 1

Research Publication during last one year

- 1.** Chaudhary A K ,Kumar M. Hospital –based sentinel surveillance for S.pneumoniae and other invasive bacterial diseases in India at RIMS,Ranchi .ICMR funded study started from October 2019.
- 2.** Choudhary R N, Prasad K N Serum ferritin correlation with deficiency of serum vitamin B12 and folic acid in thalassemia.IOSR JDMS-e-ISSN:2279-0853,P-issn:2279-0861.VOL-18 Ser.11(November.2019),PP33-35
- 3.** Choudhary R N ,Chaudhary Anil Kumar, Rakesh A K. In children with urinary tract infection,organism and its sensitivity patterns in Jharkhand-A hospital based study.IOSR JDMS-e-ISSN e-ISSN:2279-0853,P-issn:2279-0861.VOL-18 Ser.04(April.2019),PP06-10
- 4.** Jha Sunanda,Chaudhary A K,Bharti R K (2019) A study of Referral Newborns to RIMS,Ranchi & their outcome: A hospital based study.IOSR-JDMS,2019;18:1-05
- 5.** Jha Sunanda ,Rajan R,Chaudhary A K ,Ranjan P,Shakeel A Epidemiological study of Acute Poisoning among children admitted in RIMS,A tertiary care hospital at ranchi,Jharkhand IOSR-JDMS,2019;19:60-64
- 6.** Chaudhuri Partha Kumar , Chaudhary Anil Kumar ,Chandra Umesh ,Knowledge and attitude of Parents towards the first seizure episode in children in Jharkhand-A hospital based study.IOSR-JDMS.volume 18,issue 3 Ser. 13 (march 2019),14-16
- 7.** Chaudhuri Partha Kumar , Chaudhary Anil Kumar,Ranjan Rajesh. Study of effect of human milk fortification in preterm and VLBW neonates in Jharkhand- A hospital based study.IOSR-JDMS.volume 18,issue 4 Ser. 16 (march 2019),07-10
- 8.** Sahu U P, Chaudhary A K ,R K Verma ,Prolonged stay of admioctted Pediatric cases in RIMS Ranchi & factors responsible & remedy , IOSR-JDMS.volume 18,issue 5 Ser. 1 (may 2019),48-50
- 9.** Sahu U P, Chaudhary A K, Chand G ,Study of frequency of various clinical forms of Neonatal Cholestasis in Jharkhand.A hospital based study , IOSR-JDMS.volume 18,issue 4 Ser. 12 (march 2019),78-83
- 10.** Kumari Nupur, Mishra R, Concurrent Infection with Dengue and Chikungunya in Malaria Patients. IOSR-JDMS.volume 18,issue 4 Ser. 11 (April 2019),01-03.
- 11.** Bage k,Akhori M R ,Madivalesh M, Observational Study of Serum Vitamin D Levels in Children under Five Years Suffering From Pneumonia in A Tertiary Care Hospital – Rims Ranchi. IOSR-JDMS.volume 18,issue 4 Ser. 4 (April 2019),35-36.
- 12.** Bage k,Akhori M R,Neha Dipti Observational Study of Serum Vitamin D Levels in Children Under Five Years with Recurrent Respiratory Tract Infection. IOSR-JDMS.volume 18,issue 4 Ser. 3 (April 2019),30-31.
- 13.** Verma A. Observation on presence of malarial parasite In patients suffering from hemoglobinopathies(Thalssemia and sickle cell anemia) in tertiary care hospital,RIMS,Ranchi. International journal of Scientific research.vol-8 issue 8 August 2019print ISSN 2277-8179
- 14.** Verma A,Bardet Beidal Syndrome- A rare case report,Indian journal of Applied research January 2019 issue

Department Of Pediatrics

Annexure 1

Research Publication during last one year

15. Dr Amar Verma-Chief Principal Investigator for “training of in service clinician from Government Hospitals and Outreach Programme for aspirational Districts and screening and counselling for genetic disorder : incorporating prevention of genetic disorders in maternal & child Health program” Project sanctioned and approved by Department of biotechnology ,Government of India as pilot project-started from July 2019.

16. Principal Investigator for “A Phase 2 interventional multicenter ,randomized open labelled study to determine the effective and tolerable dose of KAFI56 and Lumefantrine solid dispersion formulation in combination ,given once daily for 1, 2 and 3 days to adults and children with uncomplicated Plasmodium falciparum malaria” from 2019 in collaboration with National Institute of Malarial research, Government of India,New Delhi.

DEPARTMENT OF DERMATOLOGY VENEREOLOGY AND LEPROSY, RIMS RANCHI

1.DR.(PROF.) S.S CHAUDHARY

NATIONAL

1.Shyam sundar chaudhary,Saumya P.tirkey,Ankur ghosh.Topical corticosteroid misuse on face: A cross sectional study from Jharkhand; journal of medical science and clinical research volume 7 issue 3 (March 2019),pp1068-1074.

INTERNATIONAL

1.Dr. Shribhagawan Rolaniya,Dr.Anand.S.S kumar,Dr.prof.Chaudhary,Dr.Shruti Suman: Mal de Meleda: A Case report in Eastern India. IOSR journal of Dental and Medical Science (IOSR-JDMS) volume 18,Issue 1 ser.10(January. 2019),pp 65-68.

2.Dr. Shribhagawan Rolaniya, Dr.prof. S.S. Chaudhary, Dr. Shruti Suman: Comparative Study Between Methotrexate & Cyclosporine In Severe Psoriasis Vulgaris:A Study In Tertiary Care Centre Jharkhand. IOSR journal of Dental and Medical Science (IOSR-JDMS) volume 18,Issue 8 ser.2(August. 2019),pp 17-22.

3 Dr.Shruti Suman, Dr.prof. S.S. Chaudhary , Dr. Shribhagawan Rolaniya:Safety and Efficacy of Dexamethasone Cyclophosphamide Pulse Therapy in Systemic Sclerosis : a Retrospective Study in a Tertiary Care Centre In Jharkhand. IOSR journal of Dental and Medical Science (IOSR-JDMS) volume 18,Issue 8 ser.3(August. 2019),pp 72-76.

2.DR. (PROF.) D.K MISHRA

1.Dr. Ghazal Ahmed ,Dr.Dharmendra kumar Mishra ,Clinical Efficacy and Safety of 20% Glycolic Acid Versus 30% Lactic Acid Peel in Constitutional Type of Periorbital Melanosis:A Comparative Study,Int J Res Dermatol.2019

3.DR. PRABHAT KUMAR

1.Prabhat Kumar,Vejeta Rani ,Kumar Shubham.A case study: Secondary Syphilis with HIV.IOSR Journal of Dental and Medical Sciences 2019;18(10):28-31.

2.Prabhat Kumar,Amrita Singh.A case report- Progressive Hemifacial Atrophy.IOSR Journal of Dental and Medical Sciences 2019;18 (5):56-59.

4.DR.Y.A.LAL

1.Y.A.LAL,Namrata Swaty. Geriatric Dermatoses in patients attending a Tertiary Care Centre in Jharkhand,Inj Med Jour,Nov 2019.

2.Y.A.LAL,Saumya Tirkey ,Namrata Swaty .Study of Clinical Spectrum of Pediatric Dermatoses in patients attending a Tertiary Care Centre in Jharkhand,Ind.Med.Jour,Dec,2019.

5.DR. ANAND KUMAR

1.Dr.Shribhagwan Rolaniya,Dr.Anand Kumar,Dr(Prof.) S.S Chaudhary, Dr.Shruti Suman,Mal De Meleda- A case report in Eastern India –IOSR Journal of Dental and Medical Science (IOSR-JDMS) e-ISSN: 2279-0853, P –ISSN ;2279-0861,Volume - 18, Issue 1 ser.10 ,January 2019 pp 65-68.

Department of Radiotherapy

1. Singh R, Kumar A, Tudu R, Raina P, Munda P. IMRT in a rare case of bilateral optic nerve glioma. *Journal of Radiotherapy in Practice*. 2020 (Accepted for publication).
2. Tudu R., Kumar, A., Singh, R., Raina, P. Acute toxicity profile of three-dimensional conformal concurrent chemoradiation in carcinoma cervix: An institutional experience. *Journal of Radiotherapy in Practice*. 2020, 1-4.
doi:10.1017/S1460396919000906.
3. Raina P, Shahoo SK. Commissioning experience of the X-ray volume imaging system of an Image Guided radiotherapy capable linear accelerator. *Journal of Radiotherapy in Practice*. 2020. doi:10.1017/S1460396919001006.
4. Singh S, Payal Raina. Dosimetric study of indigenously developed heterogeneous pelvic phantom for radiotherapy quality assurance. *Iranian Journal of Medical Physics*. 2020; 17:120-125. doi:10.22038/ijmp.2019.39332.1520.
5. Singh R, Kumar A, Tudu R, Raina P, Munda P, Clinico-pathological characteristics and their correlation in Breast cancer patients at a Tertiary care centre in Eastern India. *International Journal of Research and Analytical Reviews (IJRAR)*. 2019 Dec;6(4):619-627.
6. Tudu, R., Kumar, A., Singh, R., & Raina, P. Bilateral breast cancer: A case study. *Journal of Radiotherapy in Practice*. 2019, 1-4. doi:10.1017/S1460396919000761.
7. Tudu R, Kumar A, Singh R, Raina P, Munda KS P. Recurrent sinonasal teratocarcinosarcoma treated with IMRT: a case report *Int J Otorhinolaryngol Head Neck Surg*. 2019 Jul;5(4):1126-1128.

8. Raina P, Singh S, Tudu R, Singh R, Kumar A. Volumetric modulated arc therapy: a dosimetric comparison with dynamic IMRT and step-and-shoot IMRT. *Journal of Radiotherapy in Practice*. Published online by Cambridge University Press: 13 November 2019. doi: 10.1017/S1460396919000815.
9. Singh S, Raina P. Point dose measurement for verification of treatment planning system using an indigenous heterogeneous pelvis phantom for Clarkson, convolution, superposition, and fast superposition algorithms. *J Biomed Phys Eng*. 2019; 9(6):613-620. doi.org/10.31661/jbpe.v0i0.1185.
10. Singh S, Raina P. Dosimetric comparison of IMRT plans optimized with equivalent uniform dose and target penalty on tongue cancer patient. *International Journal of Advance and innovative research*. 2019;6(2):32-38.