

LIST OF RESEARCH PAPERS
PUBLISHED IN THE LAST
5 YEARS

ESIC Medical College and Hospital, Hyderabad

Anaesthesia

Sl no	Title	Name of Authors	Name of the International/National Journal	Date of Publication	Summary of research work	Relevant citations
1	The dawn of a new era!	DR.R.GOPINATH	NATIONAL	APRIL 2019	_____	Gopinath R, Belani KG. ERAS - The dawn of a new era! J Anaesthesiol Clin Pharmacol. 2019 Apr;35(Suppl 1):S1-S2. doi: 10.4103/joacp.JOACP_56_19. PMID: 31142951; PMCID: PMC6515721.
2	Enhanced recovery after surgery: An anaesthesiologist's perspective.	DR.R.GOPINATH	NATIONAL	APRIL 2019	_____	Moningi S, Patki A, Padhy N, Ramachandran G. Enhanced recovery after surgery: An anaesthesiologist's perspective. J Anaesthesiol Clin Pharmacol. 2019 Apr;35(Suppl 1):S5-S13. doi: 10.4103/joacp.JOACP_238_16. PMID: 31142953; PMCID: PMC6515715.
3	Practice patterns of left-sided double-lumen tube: Does it match recommendation from literature - A single-centre observational pilot study.	DR.R.GOPINATH	NATIONAL	JANUARY 2019	_____	Kar P, Pathy A, Sundar AS, Gopinath R, Moningi S. Practice patterns of left-sided double-lumen tube: Does it match recommendation from literature - A single-centre observational pilot study. Ann Card Anaesth. 2019 Jan-Mar;22(1):51-55. doi: 10.4103/aca.ACA_11_18. PMID: 30648680; PMCID: PMC6350436.
4	Chronic pain following thoracotomy for lung	DR.R.GOPINATH	NATIONAL	MAY 2019	_____	Kar P, Sudheshna KD, Padmaja D, Pathy A, Gopinath R. Chronic pain

	surgeries: It's risk factors, prevalence, and impact on quality of life - A retrospective study.					following thoracotomy for lung surgeries: It's risk factors, prevalence, and impact on quality of life - A retrospective study. Indian J Anaesth. 2019 May;63(5):368-374. doi: 10.4103/ija.IJA_42_19. PMID: 31142880; PMCID: PMC6530277.
5	High vs mid thoracic epidural analgesia - A comparative study on the ease of insertion and effects on pain, hemodynamics, and oxygenation in patients undergoing thoracotomies.	DR.R.GOPINATH H	NATIONAL	DECEMBER 2019	_____	Sudheshna KD, Gopinath R, Ayya SS, Kar P, Kumar RV. High vs mid thoracic epidural analgesia - A comparative study on the ease of insertion and effects on pain, hemodynamics, and oxygenation in patients undergoing thoracotomies. Ann Card Anaesth. 2019 Oct-Dec;22(4):383-387. doi: 10.4103/aca.ACA_169_18. PMID: 31621673; PMCID: PMC6813698.
6	Effect of preoperative application of buprenorphine transdermal patch on analgesic requirement in postoperative period in hip and knee replacement surgeries.	DR.R.GOPINATH H	NATIONAL	MARCH 2019	_____	Yadav M, Mohan CL, Srikanth I, Raj ER, Gopinath R, Chandrasekhar P. Effect of preoperative application of buprenorphine transdermal patch on analgesic requirement in postoperative period in hip and knee replacement surgeries. J Anaesthesiol Clin Pharmacol. 2019 Jan-Mar;35(1):124-128. doi:10.4103/joacp.JOACP_13_17. PMID: 31057254; PMCID: PMC6495615.
7	Comparative evaluation of efficacy of preventive analgesia with diclofenac and buprenorphine patch versus single diclofenac patch for postoperative pain following general	DR.R.GOPINATH H	NATIONAL		_____	Nanda A, Sangineni KS, Pakhare V, Ramchandran G. Comparative evaluation of efficacy of preventive analgesia with diclofenac and buprenorphine patch versus single diclofenac patch for postoperative pain following general anesthesia for

	anesthesia for laparoscopic cholecystectomy.					laparoscopic cholecystectomy. Anesth Essays Res 2020;14:428-33
8	Pain relief following sternotomy in conventional cardiac surgery: A review of non neuraxial regional nerve blocks.	DR.R.GOPINATH	NATIONAL	JUNE 2020	_____	Kar P, Ramachandran G. Pain relief following sternotomy in conventional cardiac surgery: A review of non neuraxial regional nerve blocks. Ann Card Anaesth. 2020 Apr-Jun;23(2):200-208. doi: 10.4103/aca.ACA_241_18. PMID: 32275036; PMCID: PMC7336989.
9	Sphenopalatine ganglion block: Intranasal transmucosal approach for anterior scalp blockade - A prospective randomized comparative study.	DR.R.GOPINATH	NATIONAL	JUNE 2020	_____	Padhy N, Moingi S, Kulkarni DK, Alugolu R, Inturi S, Ramachandran G. Sphenopalatine ganglion block: Intranasal transmucosal approach for anterior scalp blockade - A prospective randomized comparative study. J Anaesthesiol Clin Pharmacol. 2020 Apr-Jun;36(2):207-212. doi: 10.4103/joacp.JOACP_249_18. Epub 2020 Jun 15. PMID: 33013036; PMCID: PMC7480294.
10	Pain relief is not optional - Choose wisely	DR.R.GOPINATH	NATIONAL	JUNE 2020	_____	Gopinath R, Dhanalakshmi SKS, Tejavath K, Venu P. Pain relief is not optional - Choose wisely. Indian J Anaesth. 2020 Jun;64(6):453-455. doi: 10.4103/ija.IJA_580_20. Epub 2020 Jun 1. PMID: 32792707; PMCID: PMC7398023.
11	Perioperative fasting and feeding in adults, obstetric, paediatric and bariatric population: Practice Guidelines from the Indian Society of	DR.R.GOPINATH	NATIONAL		_____	Dongare PA, Bhaskar SB, Harsoor SS, Garg R, Kannan S, Goneppanavar U, Ali Z, Gopinath R, Sood J, Mani K, Bhatia P, Rohatgi P, Das R, Ghosh S, Mahankali SS, Singh Bajwa SJ, Gupta S,

	Anaesthesiologists.					Pandya ST, Keshavan VH, Joshi M, Malhotra N. Perioperative fasting and feeding in adults, obstetric, paediatric and bariatric population: Practice Guidelines from the Indian Society of Anaesthesiologists. Indian J Anaesth. 2020 Jul;64(7):556-584. doi: 10.4103/ija.IJA_735_20. Epub 2020 Jul 1. PMID: 32792733; PMCID: PMC7413358.
12	Six-year multicenter study on short-term peripheral venous catheters-related bloodstream infection rates in 204 intensive care units of 57 hospitals in 19 cities of India: International Nosocomial Infection Control Consortium (INICC) findings.	DR.R.GOPINATH	INTERNATIONAL	SEPTEMBER 2020		Rosenthal VD, Gupta D, Rajhans P, Myatra SN, Muralidharan S, Mehta Y, Kharbanda M, Rodrigues C, Dwivedy A, Shah S, Poojary A, Todi SK, Chabukswar S, Bhattacharyya M, Ramachandran B, Ramakrishnan N, Purkayasta SK, Sakle AS, Kumar S, Warriar AR, Kavathekar MS, Sahu S, Mubarak A, Modi N, Jaggi N, Gita N, Mishra SB, Sahu S, Jawadwala B, Zala D, Zompa T, Mathur P, Nirxhiwale S, Vadi S, Singh S, Agarwal M, Sen N, Karlekar A, Punia DP, Kumar S, Gopinath R, Nair PK, Chakravarthy M, Sandhu K, Kambam C, Mohanty SK, Varaiya A, Pandya N, Subhedar VR, Vanajakshi MR, Singla D, Patel M. Six-year multicenter study on short-term peripheral venous catheters-related bloodstream infection rates in 204 intensive care units of 57 hospitals in 19 cities of India: International Nosocomial Infection Control Consortium (INICC) findings. Am J Infect Control. 2020 Sep;48(9):1001-1008. doi:

						10.1016/j.ajic.2019.12.026. Epub 2020 Mar 6. PMID: 32151486.
13	Six-year study on peripheral venous catheter-associated BSI rates in 262 ICUs in eight countries of South-East Asia: International Nosocomial Infection Control Consortium findings	DR.R.GOPINATH	INTERNATIONAL	MAY 2020	—————	Gopinath R, Nair PK, Gan CS, Chakravarthy M, Sandhu K, Kambam C, Mohanty SK, Varaiya A, Pandya N, Subhedar VR, Vanajakshi MR, Singla D, Tuvshinbayar M, Patel M, Ye G, Lum LCS, Zaini RHM, Batkhuu B, Dayapera KM, Nguyet LT, Berba R, Buenaflor MCS, Ng JA, Siriyakorn N, Thu LTA. Six-year study on peripheral venous catheter-associated BSI rates in 262 ICUs in eight countries of South-East Asia: International Nosocomial Infection Control Consortium findings. J Vasc Access. 2020 May 14;1129729820917259. doi: 10.1177/1129729820917259. Epub ahead of print. PMID: 32406328.
14	Severe haemolytic anaemia in COVID 19- A rare manifestation.	DR.R.GOPINATH	NATIONAL	JUNE 2021	—————	Renganathan V, Dhanalakshmi KS, Nanda A, Gopinath R. Severe haemolytic anaemia in COVID 19- A rare manifestation. Indian J Anaesth. 2021 Jun;65(6):489-490. doi: 10.4103/ija.IJA_1538_20. Epub 2021 Jun 22. PMID: 34248195; PMCID: PMC8252992.
15	Anesthetic management of endovascular repair of penetrating ulcer of descending thoracic aorta.	DR.R.GOPINATH	NATIONAL	SEPTEMBER 2021	—————	Garg H, Gopinath R, Allenki P. Anesthetic management of endovascular repair of penetrating ulcer of descending thoracic aorta. Ann Card Anaesth. 2021 Jul-Sep;24(3):425-426. doi:10.4103/aca.ACA_75_20. PMID: 34269288; PMCID:

						PMC8404586.
16	Comparison of the influence of low dose etomidate and propofol as priming dose on the incidence of etomidate induced myoclonus: a randomised, double-blind clinical trial	DR.R.GOPINATH DR.K.DILIP KUMAR	INTERNATIONAL	APRIL 2021		Moningi S, Reddy GP, Nikhar SA, Chikkala R, Kulkarni DK, Ramachandran G. Comparison of the influence of low dose etomidate and propofol as priming dose on the incidence of etomidate induced myoclonus: a randomised, double-blind clinical trial. Braz J Anesthesiol. 2021 Apr 2;50(104-0014(21)00126-3. doi: 10.1016/j.bjane.2021.02.047. Epub ahead of print. PMID: 33819498.
17	Audit of operation theater time utilization with perspective to optimize turnaround times and theater output.	DR.R.GOPINATH DR.VANDANA PAKHARE	NATIONAL	SEPTEMBER 2022		Pakhare V, Gopinath R, Surya Dhanalakshmi SK, Nanda A, Kanojia N, Venu P. Audit of operation theater time utilization with perspective to optimize turnaround times and theater output. J Anaesthesiol Clin Pharmacol. 2022 Jul-Sep;38(3):399-404.doi:10.4103/joacp.JOACP_398_20. Epub 2022 Aug 31. PMID: 36505226; PMCID: PMC9728457.
18	comparison of postoperative pain and analgesia requirement among diabetic and nondiabetic patients undergoing lower limb fracture surgery--a prospective observational study.	DR.R.GOPINATH	NATIONAL	MARCH 2022		K.B. Sravani, Sapna Annaji Nikhar, narmada padhy, Padmaja Durga, Gopinath Ramachandran comparison of postoperative pain and analgesia requirement among diabetic and nondiabetic patients undergoing lower limb fracture surgery--a prospective observational study. Doi.10.4103/aer.aer_157_21, published on 30 th march 2022
19	Indigenous adaptor for high flow nasal oxygen delivery.	DR.R.GOPINATH	NATIONAL	FEBRUARY 2022		Thakur N, Ramidi AM, Gopinath R, Srinivas M. Indigenous adaptor for high flow nasal oxygen delivery. Indian J Anaesth. 2022

20	Does it predict mortality in the Indian scenario? - A retrospective study.	DR.R.GOPINATH H	NATIONAL	AUGUST 2022	Feb;66(2):149-151. doi: 10.4103/ija.ija_812_21. Epub 2022 Feb 24. PMID: 35359477; PMCID: PMC8963223.
21	Normative Transesophageal Echocardiographic Values of Cardiac Structures in the Indian Population- Indian Normative TEE Measurements (INTEEM) Study.	DR.R.GOPINATH H	INTERNATIONAL	JANUARY 2022	Pathy A, Kar P, Gopinath R, Gubba D, Soujanya Rani N, Kanimozhi A. Thoracoscore: Does it predict mortality in the Indian scenario? - A retrospective study. Indian J Anaesth. 2022 Aug;66(Suppl 5):S257-S263. doi: 10.4103/ija.ija_24_22. Epub 2022 Aug 12. PMID: 36262735; PMCID: PMC9575923.
22	Recent advances in cardiac anaesthesia.	DR.R.GOPINATH H	NATIONAL	JANUARY 2023	Borde D, Chidambaram K, Sundar AS, Kulkarni V, Jasapara A, Shetty V, Gopinath R, Pathy A, Viswanath VVR, Asegaonkar B, Apsingkar P, Takalkar U, Joshi S, Chakravarthy M. Normative Transesophageal Echocardiographic Values of Cardiac Structures in the Indian Population- Indian Normative TEE Measurements (INTEEM) Study. J Cardiothorac Vasc Anesth. 2022 Jan;36(1):184-194. doi: 10.1053/j.jvca.2021.07.009. Epub 2021 Jul 10. PMID: 34344599.
					Ramachandran G, Sundar AS, Venugopal V, Shah HD, Dogra N. Recent advances in cardiac anaesthesia. Indian J Anaesth. 2023 Jan;67(1):78-84. doi: 10.4103/ija.ija_972_22. Epub 2023 Jan 21. PMID: 36970488; PMCID: PMC10034928.

23	To reveal or to conceal: Appropriate statistical analysis is a moral obligation for authors in modern medicine.	DR.R.GOPINATH H	NATIONAL	APRIL 2023	_____	Gopinath R. To reveal or to conceal: Appropriate statistical analysis is a moral obligation for authors in modern medicine. Indian J Anaesth. 2023 Apr;67(4):323-325. doi: 10.4103/ija.ija_221_23. Epub 2023 Apr 10. PMID: 37303884; PMCID: PMC10248899.
24	Evaluation of perioperative renal function in elderly patients with administration of hydroxyethyl starch (130/0.4) in below umbilicus orthopaedic surgery - Randomised controlled trial.	DR.R.GOPINATH H DR.CHAITANYA PRATYUSHA	NATIONAL	MAY 2023	_____	Pratyusha AC, Prasad CRK, Rajasekhar M, Gopinath R. Evaluation of perioperative renal function in elderly patients with administration of hydroxyethyl starch (130/0.4) in below umbilicus orthopaedic surgery - Randomised controlled trial. Indian J Anaesth. 2023 May;67(5):463-466. doi: 10.4103/ija.ija_626_22. Epub 2023 May 11. PMID: 37333701; PMCID: PMC10269985.
25	Effect of Clonidine and Dexmedetomidine on Haemodynamic and Recovery Responses During Tracheal Extubation: A Randomised Double-Blind Comparative Study.	DR.K.DILIP KUMAR	NATIONAL	2019	_____	Vankayalapati SD, Ramsali MV, Kulkarni DK, Pasupuleti S. Effect of Clonidine and Dexmedetomidine on Haemodynamic and Recovery Responses During Tracheal Extubation: A Randomised Double-Blind Comparative Study. INDIAN JOURNAL OF ANESTHESIA AND ANALGESIA. 2019;6(1):91-7.
26	Effect of Quinidine and Dexmedetomidine on Haemodynamic and Recovery Responses During Tracheal Extubation: A Randomised Double-Blind Comparative Study.	DR.K.DILIP KUMAR	NATIONAL	2019	_____	Sarada Devi Vankayalapat, Manjula V Ramsali, Dilip Kumar Kulkarni et al. Effect of Quinidine and Dexmedetomidine on Haemodynamic and Recovery Responses During Tracheal Extubation: A Randomised Double-Blind Comparative Study. Indian J

						Anesth Analg.2019;6(1):91-97.
27	Sphenopalatine ganglion block: Intranasal transmucosal approach for anterior scalp blockade-A prospective randomized comparative study.	DR.K.DILIP KUMAR	NATIONAL	2020		Padhy N, Moningi S, Kulkarni DK, Alugolu R, Inturi S, Ramachandran G. Sphenopalatine ganglion block: Intranasal transmucosal approach for anterior scalp blockade-A prospective randomized comparative study. Journal of Anaesthesiology, Clinical Pharmacology. 2020;36(2):207-212
28	Comparison of hemodynamic responses to laryngoscopy and intubation using Macintosh or McCoy or C-MAC laryngoscope during uniform depth of anesthesia monitored by entropy.	DR.K.DILIP KUMAR	NATIONAL	2020		Rajasekhar M, Yadav M, Kulkarni D, Gopinath R. Comparison of hemodynamic responses to laryngoscopy and intubation using Macintosh or McCoy or C-MAC laryngoscope during uniform depth of anesthesia monitored by entropy. J Anaesthesiol Clin Pharmacol. 2020 Jul-Sep;36(3):391-397. doi: 10.4103/joacp.JOACP_281_19. Epub 2020 Oct 16. PMID: 33487909; PMCID: PMC7812944
29	Artificial Intelligence in Neuroanesthesiology and Neurocritical Care. Journal of Neuroanaesthesiology and Critical Care	DR.K.DILIP KUMAR	NATIONAL	2020	_____	Rajagopalan V, Kulkarni DK. Artificial Intelligence in Neuroanesthesiology and Neurocritical Care. Journal of Neuroanaesthesiology and Critical Care. 2020;7(01):11-8.
30	Anesthetic management and outcomes of patients with Steven-Johnson Syndrome—A retrospective review study.	DR.K.DILIP KUMAR	NATIONAL	2021	_____	Ramsali MV, Puduchira KG, Maganti SP, Vankaylapatti SD, Pasupuleti S, Kulkarni D. Anesthetic management and outcomes of patients with Steven-Johnson Syndrome—A retrospective review study. Journal of Anaesthesiology, Clinical Pharmacology.

						2021;37(1):119.
31	Safety of tropicamide and phenylephrine in pupillary mydriasis for cataract surgery.	DR.K.DILIP KUMAR	INTERNATIONAL	2021		Lodhi SK, Ramsali M, Kulkarni D, Surender P, Murty S. Safety of tropicamide and phenylephrine in pupillary mydriasis for cataract surgery. Saudi J Ophthalmol. 2021;35(2):108-11.
32	A Prospective Crossover Study Evaluating the Efficacy of King Vision Video Laryngoscope in Patients Requiring General Anesthesia with Endotracheal Intubation.	DR.V.NAGENDR A NATH	NATIONAL	MARCH 2019	_____	Avula RR, Vemuri NN, Tallapragada R. A Prospective Crossover Study Evaluating the Efficacy of King Vision Video Laryngoscope in Patients Requiring General Anesthesia with Endotracheal Intubation. Anesth Essays Res. 2019 Jan-Mar;13(1):36-39. doi: 10.4103/aer.AER_165_18. PMID: 31031477; PMCID: PMC6444949.
33	Ultrasound-Guided Subclavian Perivascular Brachial Plexus Block Using 0.5% Bupivacaine with Dexmedetomidine as an Adjuvant: A Prospective Randomized Controlled Trial.	DR.V.NAGENDR A NATH	NATIONAL	2019	_____	Avula, Ramachandra, Vemuri, Nagendra Nath, Puthi, Swetha, 2019/10/01Ultrasound-Guided Subclavian Perivascular Brachial Plexus Block Using 0.5% Bupivacaine with Dexmedetomidine as an Adjuvant: A Prospective Randomized Controlled Trial.DO - 10.4103/aer.AER_122_19,JO - Anesthesia, essays and researches
34	Comparative evaluation of efficacy of preventive analgesia with diclofenac and buprenorphine patch versus single diclofenac patch for postoperative pain Following general anesthesia for laparoscopic	DR.ANANYA NANDA DR.VANDANA PAKHARE	NATIONAL	2020	_____	Nanda A, Sangineni KS, Pakhare V, Ramchandran G. Comparative evaluation of efficacy of preventive analgesia with diclofenac and buprenorphine patch versus single diclofenac patch for postoperative pain Following general anesthesia for laparoscopic cholecystectomy. Anesth Essays Res 2020;14:428-33.

	cholecystectomy.					
35	Humble ECG electrode – A novel technique for epidural fixation, Indian Journal of Anaesthesia:	DR.ANANYA NANDA DR.VANDANA PAKHARE	NATIONAL	AUGUST 2021	————	Nanda Ananya; Pakhare, Vandana; Vamshidhar, M.; Gopinath, R. Humble ECG electrode – A novel technique for epidural fixation, Indian Journal of Anaesthesia: August 2021 - Volume 65 - Issue 8 - p 635-636.doi: 10.4103/ija.IJA_171_21
36	Severe haemolytic anaemia in COVID 19- A rare manifestation.	DR.ANANYA NANDA	NATIONAL	2021	————	Renganathan V, Dhanalakshmi KS, Nanda A, Gopinath R. Severe haemolytic anaemia in COVID 19- A rare manifestation. Indian J Anaesth. 2021 Jun;65(6):489-490. doi: 10.4103/ija.IJA_1538_20. Epub 2021 Jun 22. PMID: 34248195; PMCID: PMC8252992.
37	A Prospective Randomized Comparative Study of the Clinical Performance of I-Gel and LMA classic Supraglottic Airway Devices in Nonparalysed Anaesthetized Adults Undergoing Elective Surgical Procedures	DR.PRERNA BHOLA	NATIONAL	2020	————	Bhola P, Chandrasekar CN. A prospective randomized comparative study of the clinical performance of I-gel and LMA classic supraglottic airway devices in nonparalysed anaesthetized adults undergoing elective surgical procedures. Int J Health Sci Res. 2020; 10(7):296-305
38	Dynamometer based hand grip strength as a clinical tool for objective assessment of post-operative residual muscle weakness	DR.CHAITANYA PRATYUSHA	NATIONAL	2022	————	Krishna Prasad CR, Pratyusha AC, Sharmila C, Durga P, Sowjanya K, Harika K. Dynamometer based hand grip strength as a clinical tool for objective assessment of post-operative residual muscle weakness. Indian J Anaesth 2022;66:707-11
39	Surgical repair of umbilical hernia in a	DR.CHAITANYA PRATYUSHA	NATIONAL	2022	————	Jonnvithula N, Veronica J, Prathyusha AC, Mathsya G. Surgical

	patient with Churg–Strauss syndrome under regional anaesthesia					repair of umbilical hernia in a patient with Churg–Strauss syndrome under regional anaesthesia. J Clin Sci Res 2022;11:43-6
40	Evaluation of a new laryngoscope blade (Manipal throat packing blade) for throat pack insertion	DR.MURALI KRISHNA	NATIONAL	2022	—————	Muralikrishna D, Nileshwar A, Budania L. Evaluation of a new laryngoscope blade (Manipal throat packing blade) for throat pack insertion. J Anaesthesiol Clin Pharmacol
41	The effect of different pressures of pneumoperitoneum on the dimensions of internal jugular vein – A prospective double-blind, randomised study	DR.SUPRAJA PONDURU	NATIONAL	2022	—————	Ponduru S, Nanda A, Pakhare V, Ramchandran G, Sangineni KS, Priyanka RD. The effect of different pressures of pneumoperitoneum on the dimensions of internal jugular vein – A prospective double-blind, randomised study. Indian J Anaesth 2022;66:631-7
42	A Comparative Study of Effect of Oral Melatonin Versus Oral Midazolam as Premedicant in Children Undergoing Surgery Under General Anesthesia	DR., RDS PRIYANKA	NATIONAL	2022	—————	Gooty S, Priyanka DSR, Pakhare V, Ramachandran G. A Comparative Study of Effect of Oral Melatonin Versus Oral Midazolam as Premedicant in Children Undergoing Surgery Under General Anesthesia. J Cell Mol Anesth. 2022;7(3):160-7
43	Oral Methadone versus Morphine IR for Patients with Cervical Cancer and Neuropathic Pain; A Randomized Controlled Trial	Dr.A.Aruna	Indian Journal of Palliative Care, Volume 29, Issue 2	April - June 2023	We found that Methadone had a superior analgesic effect with good overall tolerability compared with Morphine	
44	Dural sac cross-sectional area measured using ultrasound to modify the dosage of local anaesthetic in spinal	Dr.Ravikanth Pula Dr.Sunanda Gooty Dr.Nagarjuna Thaur Dr.B.Suresh	Indian Journal of Anaesthesia	October 2022	Ultrasoung guided DSCSA measurement is an effective parameter for modifying the dosage of hyperbaric bupivacaine for subarachnoid	

	anaesthesia for trans urethral resection of prostate surgery- a prospective ,double blind, randomized controlled study	Chandra			block In elderly patients undergoing TURP surgery to achieve a sensory level of T10.	
45	Comparision of Accuracy of Ultrasound Measurement of Sub glottic Diameter versus conventional age based formula for estimating endotracheal tube for pediatric surgical patients-a prospective randomized controlled study	Dr.Sunanda Gooty Dr.Ravikanth Pula Dr.Nagarjuna Thakur Dr.Suhasini Gazula	Srilankan Journal of Anaesthesiology	FEBRUARY 2023	The sub glottis diameter measured by USG is a good predictor for the correct size of the micro cuff ET tube.	
46	A comparative Study of Effect of Oral Melatonin versus Oral Midazolam as premedicant in children undergoing surgery under general anaesthesia	Dr.Sunanda Gooty Dr.Devi Sai Priyanka Dr.Ravikanth Pula Dr.Vandana Pakhare Dr.Gopinath Ramachandran	Journal of Cellular & Molecular Anaesthesia	2022	We concluded that melatonin had not shown a comparable effect as midazolam in relieving pre-operative anxiety in children. This study also concluded that midazolam had a more significant effect in reducing the propofol dose, whereas melatonin had a more negligible effect in reducing the propofol induction dose. Hence low-dose melatonin (0.2mg/kg) is not an adequate premedicant for children to alleviate preoperative anxiety compared to midazolam.	
47	Effect of fixed Tracheal cuff vs fixed tracheal cuff pressure on hemodynamic	Dr.Ravikanth Pula Dr.SWAPNA katakam	Archives Anaesthesiology and critical	2023		

	parameters and postoperative airway complications ,A prospective randomiszed contol tria in l a tertiary care hospital	DR.GOOTY SUNANDA DR.NAGARJUN A THAKUR	care			
48	Indigenous adaptor for high flow nasal oxygen delivery	DR.nagarjuna,aam uktha,dr. gopinath	Indian Journal of Anaesthesia	Feb 24 th 2022	Variable combination of flow rates with passive humidification would be practical and useful in remote/resource limited settings. The adaptor by providing high flows of oxygen can be used where standard HFNO machines are no available	
49	EFFECT OF FIXED TRACHEAL CUFF VOLUME VS FIXED TRACHEAL CUFF PRESSURE ON HEMODYNAMIC PARAMETERS AND POSTOPERATIVE AIRWAY COMPLICATION-A PROSPECTIVE RANDOMISED CONTROL TRIAL IN TERIARY CARE HOSPITAL	RAVIKANTH PULA SWAPNA KATAKAM GOOTY SUNANDA NAGARJUNA THAKUR	TEHRAN UNIVERSITY OF MEDICAL SCIENCES	23 MAY 2022	THE FIXED MINIMAL CUFF PRESSURE (20MMH20) IS A IDEAL AND RELIABLE TECHNIQUE IN REDUCING THE POST OPERATIVE COMPLICATIONS ALONG WITH MAINTAINANCE OF HEMODYNAMIC PARAMETERS	PULA ET AL.: COMPARISON OF TWO ETT CUFFED INFLATION TECHNIQUES AND THEIR EFFECTS ON PERIOPERATIVE COMPLICATIONS

50	DURAL SAC CROSS-SECTIONAL AREA MEASURED USING ULTRASOUND TO MODIFY THE DOSAGE OF LOCAL ANAESTHETIC IN SPINAL ANAESTHESIA FOR TRANSURETHRAL RESECTION OF PROSTATE SURGERY: A PROSPECTIVE .DOUBLE BLIND.RANDOMISED CONTROL STUDY	RAVI KANTH PULA SUNANDA GOOTY NAGARJUNA THAKUR SHARATH CHANDRA B	INDIAN JOURNAL OF ANAESTHESIA	19 OCTOBER 2022	THE ESTIMATION OF DSCSA IS AN EFFECTIVE PARAMETER AND CAN BE USED TO MODIFY THE DOSE OF LOCAL ANAESTHETIC FOR SUB ARACHNOID BLOCK IN ELDERLY PATIENTS UNDERGOING TURP SURGERY	PILA R, GOOTY S, THAKUR N, SHARATHCHANDRA B.DURAL SAC CROSS-SECTIONAL AREA MEASURED USING ULTRASOUND TO MODIFY THE DOSAGE OF LOCAL ANAESTHETIC IN SPINAL ANAESTHESIA FOR TRANSURETHRAL RESECTION OF PROSTATE SURGERY: A PROSPECTIVE, DOUBLE BLIND, RANDOMISED CONTROLLED STUDY. INDIAN J ANAESTH 2022;66:719-23
51	Pain relief is not optional-choose wisely	Dr. Gopinath Dr. Venu,	International journal of scientific research	JUNE 2020	Every physician to provide pain relief in any given clinical setting and all options available should be explored	Raut MS,hanjooraopioids during coronary intervention 2020
52	Can we predict hypotension during cesarean section by measuring fundal height and abdominal circumference an observational study	Venu p, Dr ramakrishna	International journal of scientific research	MAY 2021	The incidence of hypotension is influenced by many factors some authors conclude it is difficult to predict hypotension	CarvalhoB,Dyer for spinal hypotensionduring cesarian delivery Anaesthesiology 2015
53	A prospective randomized and double blinded clinical comparative study to evaluate	VENU.P	International journal of medical anesthesiology	6/9/21	Both can be used with great safety profile to achieve hypotension during spine surgeries.	BekKER,sturaitis the effect of premeditation on preoperative hemodynamicpatients undergoing craniotomy 2008

	dexmedetomidine and nitroglycerine for controlled hypertensive anaesthesia in elective spine surgeries					
54	Audit of operation theatre time utilization with perspective to optimize turnaround times and theatre output	Venu p, Dr Vandana	Journal of anesthesiology clinical pharmacology.	30 AUG 2022	Operating room time can be maximized by proper planning and realistic scheduling.	Divatia RANGANATHAN CAN WE IMPROVE OPERATIVE EFFICIENCY POST GRADUATE Med 2015s

Anatomy

Sl no	Title	Name of Authors	Name of the International/ National Journal	Date of Publication	Summary of research work	Relevant citations
1	Bilateral Tortuous External Iliac Artery: An Unusual Variation (Case Report)	Rohini Motwani, Prajakta Kishve, Ratna Gosain.,	Journal of Clinical and Diagnostic Research.	2019 Dec, Vol-13(12): AD01- AD03	Bilateral tortuosity in the external iliac arteries is a rare finding in the cadavers. We report highly tortuous external iliac arteries of both the sides in a 60-year-old male cadaver noted during routine dissection. Left external iliac artery had a 'U' shaped loop and right external iliac artery had a 'S' shaped loop. The loops were found in the lesser pelvis in close relation to the obturator nerve and vessels which may get compressed by the artery. In addition the tortuous external iliac artery was also compressing the internal iliac vessels on both sides. Mild tortuosity is usually asymptomatic, moderate to severe tortuosity can lead to ischaemia of the organs or structures supplied by them or even ischaemia of the lower limb, as external iliac artery continues as femoral artery. Mild dilatation of the right common iliac artery was also present. Tortuosity of the arteries may be due to abnormal development or vascular disease, but exact mechanism is not known clearly till now. Anatomical knowledge of the tortuosity, aneurysm or kinking of iliac arteries is of utmost importance to the urologists, gynaecologists and orthopaedic surgeons so that they can correlate their findings and can take great care while doing surgeries on the pelvic region.	https://medic.upm.edu.my/upload/dokumen/2022112909551644_MJMHS_1316.pdf
2	Mensurati on of Articular Facets of Hip Bone and its Clinical	Prajakta Kishve, Rohini Motwani.,	Indian Journal of Clinical Anatomy and Physiology	June 2020, Vol 7; Issue-2	aterials and Methods: We have examined 160 normal adult hip bones. In each hip bone the outline of symphyseal, auricular and lunate acetabular surface area was marked on tracing paper. The surface area was then measured by digital planimeter. Aim: An attempt has been made to correlate the various articular areas of hip bone and to find if any correlation	-

	Implication (original article)				exists between them applying Karl Pearson's correlation coefficient formula. Results: The average surface area of auricular surface for the two sides was 9.88 cm ² ; that of lunate articular part of acetabulum 17.20 cm ² and of pubis symphysis was found to be 2.60 cm ² . Further, differences between the two sexes have also been evaluated. In general, all the surface areas were found to be larger in males and more on the right side as compared to left. Conclusion: There is a positive correlation seen between auricular and acetabular area; acetabular and symphyseal area and auricular and symphyseal area on both the sides. The findings of the present work can help in the better understanding of the normal kinematics of these joints and the resultant effects due to their dysfunction. Further it can help physiotherapists to properly plan out the treatment	
3	Tibial Osteophytes as Indicator of Osteoarthritis: Morphometry and Clinical Importance (original article).	Prajakta Kishve, Rohini Motwani.,	Albanian Journal of Medical and Health Sciences	April 2020, Vol-9; Issue-2	Aim: To analyze the frequency and morphological features of osteophytes at the upper end of dry tibia bones and to define any relationship between the size of osteophytes and that of the intercondylar tibial spines. Methods: We evaluated 75 dry tibia bones for the degree of osteoarthritis at the upper end. Each plateau at the superior surface of the upper end was divided into four quadrants and the presence and size of bone outgrowths were recorded in each quadrant. The "medial/lateral tibial intercondylar spine index" for each specimen was calculated and relation with the osteophytes was observed. The measurements were meticulously recorded and the data were subjected to statistical analysis. Results: In the present study, osteophytes were found more frequently in the anterior quadrants of both the tibial plateaus than in the posterior quadrants. Grade 1 osteophytes were the most common type of osteophytes with predominance in anterior quadrants of both medial and lateral tibial plateaus. There was positive correlation between grades of osteophytes and spine index. Conclusion: This study would help clinicians to understand the morphological changes in the upper end of tibia in osteoarthritis which	

4	Prevalence of flat foot among medical students and its impact on quality of life and functionality,	G. Pavan Kalyan Reddy1, Prajakta Kishve.,	International Journal of Research in Medical Sciences.	April 2021;9(4):1082-1089	<p>would help them in planning the management.</p> <p>Methods: A total of 300 medical students of age group 17-23 years were investigated for the presence of flat foot by using navicular drop (ND) test, arch index (AI) and foot posture index (FPI). The data obtained was subjected to statistical analysis using SPSS software.</p> <p>Results: Prevalence of bilateral flat foot was 11.6% (8.3% were females and 3.3% were males). Unilateral was 3% (2% were females and 1% were males) and the correlation of ND, AI, FPI with gender, age was not significant and with BMI, weight was highly significant.</p> <p>Conclusions: Our study showed the presence of bilateral flat foot in 11.6% and unilateral in 3% students. Flat foot is associated with BMI, weight and slightly associated with foot length, height and it is not associated with age, gender. Flat foot effected the quality of life and functionality of the students whose BMI is more.</p>	<p>https://www.jcdronline.org/admin/Uploads/Files/63661f98ca84a5.87540975.pdf</p> <p>DSKMD Gupta, RDWDD Gupta, LMDU Kumar - European Journal of Molecular & ..., 2022</p>
5	Morphometric study of fossa ovale in human cadaveric hearts: embryological and clinical relevance;	Prajakta Kishve, Rohini Motwani.,	Anatomy and Cell Biology	March 2021, 54(1): 42-50	<p>This study was carried out to evaluate the morphometric parameters of fossa ovale (FOv) in the human adult cadaveric hearts. For this study, 50 normal cadaveric human hearts available in the department of Anatomy over the period of 3 years were used where size, position, shape, nature of the FOv was noted. The size of the fossa was measured and prominence, location, and extent of the limbus fossa ovalis were observed. The probe patency of foramen ovale (FO) was confirmed. In most specimens, the fossa was oval (80%), the average transverse diameter was 24.21 mm, and the vertical diameter 26.84 mm. In 84% rim was raised. In 56% of cases, the fossa was present at the middle of the interatrial septum. The patency of foramen was observed in 3%. The findings of the present study provide pertinent information on the morphology of the FOv, which may be useful for device selection in treating ASDs and PFO. This would definitely</p>	<p>https://www.frontiersin.org/articles/10.3389/fcvm.2023.1111818/full</p> <p>https://www.science-direct.com/science/article/pii/S2772812922001117</p>

					help the clinicians in a deeper understanding of the region as very few cadaveric studies are available in the literature at present.	
6	A Cadaveric Study on Morphology and Morphometry of Pectoralis Major Muscle	Nitya Waghray BheemeshPusala Prajakta Kishve,	International Journal of Cadaveric Studies and Anatomical variations	Vol 3 No 2 December 2022	<p>The study was carried out on 30 upper limb specimens (Right 15 & Left 15) of both sexes available in the department of anatomy. The morphometric analysis at the origin and insertion was done and the muscle was thoroughly observed for any other anatomical variations.</p> <p>Results: We observed that the entire length of the clavicle gave origin to the clavicular head in 6.6% of the specimens and the deltopectoral groove was absent in 6.6% of the cases. 66.6% of the specimens showed the continuation of the pectoralis muscle at its insertion along with the brachial fascia. In 3.3% of the cases, the three heads of the pectoralis major were not distinguishable. The mean height at the midclavicular line was found to be 13.8 cm and at the midaxillary line, it was found to be 6.6 cm. The average width was found to be 18.7cm at the origin. The average length at the insertion was found to be 4.8 cm and the height was found to be 0.89cm.</p> <p>Conclusion: The knowledge regarding pectoralis major is imperative for surgeons in performing surgeries in the pectoral region, especially the surgeries involving the mammary gland.</p>	

Biochemistry

Sl no	Title	Name of Authors	Name of the International/National Journal	Date of Publication	Summary of research work	Relevant citations
1	Study on dyslipidemia and oxidative stress in Elderly- A clinical approach to predict cardiovascular disease risk	Velpula Sampath Kumar, Ijen Bhattacharya , Vithpala Praveena, Rahul Saxena4	Scholars Journal of Applied Medical Sciences	04-2017	High LDL cholesterol levels and decreased HDL cholesterol levels along with hypercholesterolemia as a traditional CVD risk factors should be included to predict CVD complication in elderly. Moreover, regular assessment of markers of systemic inflammation and oxidative stress are additional approach to provide clear clinical picture with advancing of age.	2
2	Assessment of plasma ascorbic acid and marker of lipid peroxidation in Essential Hypertension patients	Velpula Sampath Kumar, Jahnavi Kodidela, Swetha Madas	Scholars Journal of Applied Medical Sciences	30-06-2017	Plasma ascorbate level is inversely related to increase in blood pressure and lipid peroxidation plays an etiopathological role in the development of HT. As the blood pressure rises, plasma vitamin C level decreases continuously not only due to its free radical scavenging action but also in maintaining body's antioxidant reserve and in limiting the lipid peroxidation. Thus, both vitamin C and malondialdehyde levels may be an excellent marker of oxidative stress in essential hypertension.	--
3	Assessment of erythrocyte SOD activity in different stages of Essential Hypertension patients	V. Sampath Kumar, D. Sridevi, V. Praveena, Amrut A. Dambal	MRIMS Journal of Health Sciences	10-2017	erythrocyte SOD activity is inversely related to increase in blood pressure. Thus, SOD activity may be an excellent marker of oxidative stress in essential hypertension. As the blood pressure increases, SOD activity decreases continuously because of its O ₂ scavenging action.	--
4	PROGRASSIVE ELEVATION OF PLASMA HOMOCYSTEINE (PHcy) AND BLOOD	Bhukye Veeranna, Shaikh Mahmood, M.A.Waheed	INDIAN JOURNAL OF APPLIED RESEARCH	10-2018	In liver cirrhosis the genesis of homocysteine and blood ammonia were multifactorial, influenced significantly by impaired catabolic liver function, renal failure and hypoalbuminemia.This prospective study Showed that ammonia and	--

	AMMONIA (BA) LEVELS IN LIVER CIRRHOSIS PATIENTS	, D.Santha Rao			homocysteine levels correlated with cirrhosis in the study population.	
5	A rare case of spontaneous internal jugular vein thrombosis: A case report	Soma Krishna Veni, N Manaswini, Y B D Suchetha , V Sampath Kumar , Bheem Sangars, Sasikala Thallapaneni	International Journal of Clinical Biochemistry and Research	30-04-2021	SIJVT is rare and has potentially fatal complications. Physicians should uphold a high index of suspicion in patients who present with undiagnosed swelling in the neck, or other signs and symptoms attributed to IJVT.	--
6	THERAPEUTIC TARGETS OF MUCORMYCOSIS: FTR1 GENE EXPRESSION AND GLUCOSEREGULATED PROTEIN-78 RECEPTOR IN SARS COV-2 INFECTED PATIENTS WITH UNCONTROLLED DIABETES MELLITUS- A SYSTEMATIC REVIEW	Sasikala Thallapaneni , Sampath Kumar ,V. and Lakshmana, N.	International Journal of Science Academic Research	17-06-2021	The gene encoding high-affinity iron permease (FTR1) is expressed by R. oryzae during murine infection and inhibition of FTR1 gene expression by RNA-I, or reduction of FTR1 copy number by gene disruption reduces the virulence of the fungus in animal models of MCR. Hyperglycemia was a stress trigger in the endoplasmic reticulum, which consequently induces the overexpression of the GRP78 protein depending on glucose concentrations and the persistence of hyperglycemia. The therapeutic inhibitors of FTR1 and GRP78 protein might be essential to control MCR in patients with COVID-19.	--
7	Could homocysteine, angiotensin and alamandine be used as potential biomarkers in management of COVID-	Sibasish Sahoo, Sasikala T., Sampath Kumar V,	International Journal of Research in Medical Sciences	June 2021	The present review proposed from the current available data that the following bio markers mainly the loss of ACE2 function, elevated level of Hcy, Ang-II and lower levels of Ang-(1-7), Ang-(1-9) and alamandine in severely infected	01

	19?	Lakshmana N.			patients with COVID-19 might be novel predictors to improve management of COVID-19 infection. Genomics and large COHORT interventional clinical trials will be required to conclude the present review opinions and the biomarkers association with commodities of COVID-19 might be given clues for novel pathological mechanisms for pharmacological interventions.	
8	Assessment of Mental Health Status among Medical Graduates during COVID-19 Lockdown Period: A Cross-sectional Study	Nikhil Ravindranath Tondehal, VSampath Kumar, J Mayurnatha Reddy, MSrinivas, Thallapaneni Sasikala	National Journal of Laboratory Medicine	01-10-2021	Prolonged lockdown of COVID-19 has shown adverse impacts on mental health among medical students who recognised a higher psychological impact of COVID-19. This study proposes that the authorities adopt appropriate interventions to overcome medical students, negative psychological consequences with assessment at regular intervals until the standard curriculum starts and colleges are reopened.	--
9	Assessing the Validity of Nine Different Formulae for LDL-C Estimation in a Tertiary Care Centre, Hyderabad, India	Bhavya Sirivelu, Manaswini Namilakonda, Krishnaveni Soma, Sasikala Thallapaneni, Dhana Lakshmi Annavarapu, V Sampath Kumar, DS Jagannadha Phaneendra	Journal of Clinical and Diagnostic Research	Jan 2022	Among the nine equations, Puavillai and MartinHopkins showed highest accuracy and better performance than others in the present study population. Martin-Hopkins can be used at TG levels of 100-200 mg/dL while Puavillai can be used at lower and higher TG levels in this demographic population for estimating LDL-C	--

10	Evaluation of students learning during COVID -19 lockdown period by e – assessment: A perceptual study	Jagannadha Phaneendra D S, V Sampath Kumar, S Krishnaveni, N Manaswini	International Journal of Clinical Biochemistry and Research	03-06-2022	E-assessment has many advantages both from students and teacher’s perspective and was of major utility in monitoring student’s remote learning especially during COVID -19 lockdown period. Properly planned E-assessment with prior sensitization is equally as good as traditional assessment methods in proper evaluation of students learning.	—
11	Association of fructosamine, glycated albumin and hba1c in prediabetes, diabetic and associated complications	Krishnaveni, S., Sirivelu, B., Sucheta , Y. D., & Veeranna, B	International Journal of Health Sciences	AUG 2022	GA can complement or even replace conventional measures of glycemic control such as HbA1c, GA may help the clinical management of patients with diabetes in whom HbA1c values might be unreliable.	----
12	Pre-surgical Screening for SARS-CoV-2 Testing in Elective Procedures in High Burden Resource Limited Settings: A Retrospective Observational Study	Suravaram S, Siddiqui IA, Naaz S, et al;	National journal of laboratory medicine	2023	Pre-surgical screening of patients for COVID-19 using Reverse Transcription-Polymerase Chain Reaction (RT-PCR) has become crucial before surgeries to protect healthcare workers from potential infections. The emergence of the Severe Acute Respiratory Syndrome Coronavirus-2 (SARSCOV-2) presented significant obstacles in conducting elective surgeries. Given the ongoing impact of COVID-19 on public health, institutions must devise effective risk mitigation strategies, focusing on meticulous resource management, particularly in high-burden medical centers. These measures aim to prevent the transmission of COVID-19 and ensure the safety of both patients and healthcare personnel during surgical procedures.	
13	A Retrospective Analytical Study to	Gorakanti, Dhanalaksh	Journal of Pediatric	2022	This study aimed to compare the infective and mechanical complications of two different	

	Compare Percutaneous and Surgical Placement of Peritoneal Dialysis Catheter.	mi; Siddiqui, Imran Ahmed; Kumar, Raichur Vijay; Ayanavelli, Deepthi;	Nephrology		techniques for securing Peritoneal Dialysis Catheters (PDC) in end-stage renal disease patients. The retrospective analytical study reviewed the records of 25 patients who underwent percutaneous PDC insertion and 5 patients who underwent open surgical PDC insertion. The study found no significant differences in baseline parameters between the two groups. The infective complications, such as peritonitis and exit site infections, were slightly higher in the surgical technique group but not statistically significant. Similarly, catheter migration was more common in the surgical technique group, but the difference was not statistically significant. Overall, both techniques showed similar rates of complications, technique survival, and patient survival. However, further randomized controlled trials or prospective cohort studies are required to provide a more comprehensive analysis of the effectiveness and complications of these techniques.	
14	Artificial intelligence-based portable bioelectronics platform for SARS-CoV-2 diagnosis with multi-nucleotide probe assay for clinical decisions	Tripathy, Suryasnata; Supraja, Patta; Mohanty, Swati; Sai, Vallepu Mohan; Agrawal, Tushant; Chowdary, Ch Gajendranath ; Taranikanti, Madhuri; Bandaru,	Analytical Chemistry	2021	A bioelectronics platform for rapid SARS-CoV-2 diagnosis without viral RNA extraction. Uses low-cost chemiresistive biochips and portable readout. Results in ≤ 30 min with 95.2% accuracy. Ideal for point-of-care testing, providing inexpensive and accessible diagnostics during the pandemic.	

		Rajiv; Mudunuru, Aswin Kumar; Tadi, Lakshmi Jyothi;				
15	Comparison of antimicrobial susceptibility interpretation among Enterobacteriaceae using CLSI and EUCAST breakpoints	Suravaram, Swathi; Hada, Vivek; Siddiqui, Imran Ahmed;	Indian journal of medical microbiology	2021	This retrospective observational study compared the antimicrobial susceptibility of Enterobacteriaceae clinical isolates using CLSI and EUCAST breakpoints. MICs of various antibiotics were analyzed from the VITEK-2 system. The concordance rates between the two breakpoints ranged from 78.2% to 100%. Perfect agreement was observed for three antimicrobials, while significant changes in interpretation were noted for cefepime, ciprofloxacin, and amoxicillin clavulanic acid, primarily in the Intermediate category. The study highlights the potential impact of recent changes in EUCAST's definition of Intermediate, leading to shifts in antibiotic usage, emphasizing the need for further research to understand the clinical implications of altered antimicrobial susceptibility.	
16	Is Low Cholesterol a Predisposing Factor for Primary Intracerebral Haemorrhage? A South Indian Perspective.	MANORENJ , SANDHYA; Siddiqui, Imran Ahmed; Muralikrishna, P; Anand, Keshav; Sagari, Navya;	Journal of Clinical & Diagnostic Research	2018	Introduction: Stroke is an important cause of mortality and morbidity in low-income and middle-income countries like India. Primary Intracerebral Haemorrhage (PICH) refers to Intracerebral Haemorrhage (ICH) in the absence of a single clear underlying lesion. Cholesterol levels are inconsistently associated with risk of ICH.	
17	SERUM LEVELS AND DISCRIMINATING ABILITIES OF LDH,	Imran Ahmed Siddiqui	International Journal of Scientific	2018	Preeclampsia (PE) is a multisystem disorder in pregnancy with no reliable screening tests. This	

	5α TM NT, AMINOTRANSFERASE S IN MILD AND SEVERE PREECLAMPSIA	B.Laxmikant h, Ramarao J;	Research		study investigated serum lactate dehydrogenase (LDH) activity in PE and its relationship with other markers. 60 PE and 30 normal pregnancy cases were compared. LDH, 5'nucleotidase, uric acid, ALT, and AST levels were significantly higher in PE cases, especially in severe PE. LDH and ALT showed the best diagnostic efficiency in distinguishing PE cases and assessing disease severity.	
18	Blood lipid levels, statin therapy and risk of intracerebral hemorrhage versus ischemic vascular events: A prospective case control study from tertiary care centre of South India	Manorenj, Sandhya; Siddiqui, Imran Ahmed; Inturi, Snehalatha; Barla, Sudhaker;	Int J Res Med Sci	2016	This study explored the association between blood lipid levels, statin use, and the risk of intracerebral hemorrhage (ICH) compared to ischemic stroke. Among 678 acute stroke patients, 78 had ICH. Older age and male gender were predominant in ICH cases. Low levels of LDL, triglycerides, and VLDL cholesterol were associated with ICH, while HDL levels showed no significant difference. Lower total cholesterol was observed in specific subsets, including males, younger stroke onset (<50 years), and those with prior hypertension. In the ICH group, statin users had significantly lower total cholesterol, LDL, and TG levels compared to non-statin users. The study suggests that lower blood lipid levels are linked to an increased risk of ICH and cautions against excessive statin use, especially in hypertensive individuals and those with alcohol use.	
19	Role of lipid profile in pathogenesis of diabetic retinopathy	Sree, Jagannadha Phaneendra Dingari; Sunanda, Vusikala; Siddique, Imran Ahmed;	Journal of Evolution of Medical and Dental Sciences	2016	Diabetes mellitus is a major metabolic disease associated with macrovascular and microvascular complications. Diabetic retinopathy is a highly specific vascular complication of Type 2 diabetes mellitus and is emerging as one of the causes of blindness in both developing and developed countries. Alteration in lipid levels in diabetics is hypothesized to be one of the risk factor in causation of retinopathy in DR subjects. The	

					present study was to elucidate the role of serum lipids as a risk factor in causation of Diabetic retinopathy.	
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Community Medicine

Sl no	Title	Name of Authors	Name of the International/National Journal	Date of Publication	Summary of research work	Relevant citations
1	New National Tuberculosis Elimination Program(NTEP) logo: Observation and comments	Taywade M, Pisudde P	Indian Journal of Tuberculosis	2020		
2	Meteorological linkage of Malaria cases in the eastern state of India	Praveen Kumar, Pravin Pisudde, Pradhan Parth Sarthi	The Journal of Climate Change and Health	2021		
3	Plant-based Vaccines for SARS-CoV-2 Novel Corona Virus - A Review	Ariyanachi K, Lakshmi Jyothi Tadi, Supriya Garapati and Pravin Pissude	Acta Scientific Women's Health	2021		
4	Sociodemographic and psychosocial correlates of substance abuse among street children: A cross-sectional survey in the streets of Kolkata, West Bengal	Basu G, Biswas S, Pisudde P, Mondal R.	J Family Med Prim Care	2021		
5	Incidence of Catheter-associated urinary tract infection in a Tertiary Care Hospital	Dr. Ariyanachi K, Dr.Lakshmi jyothi tadi, Dr. Saranya Mallamgunta, Dr. Pravin Pisudde	Merit Research Journals	2021		
6	Cross sectional study of health problems in female bidi rollers in Telangana, In8dia	S. Kawale , Manjusha A. Shinde	International Journal of Public Health Research	2019		
7	Study of sociodemographic factors affecting low birth weight babies in tertiary care centre	S. Kawale, Manjusha A. Shinde.	National Journal Of Community Medicine	2019		
8	Study of sociodemographic factors affecting outcome of babies admitted in neonatal care unit.	S. Kawale, Manjusha A. Shinde.	International Journal of Community Medicine and Public Health	2020		
9	Clinico-social profile of animal bite cases attending tertiary care teaching hospital in Maharashtra, India.	Suchita N. Kawale, Purushottam A. Giri, Harshal T. Pandve	Indian Journal of Public Health Research and Development	2020		
10	Clinico-social Profile of Dengue Patients Admitted in a Tertiary Care Hospital in Southern Maharashtra, India. Indian Journal of Public Health Research & Development	S. Kawale , Manjusha A. Shinde.	Indian Journal of Public Health Research & Development	2020		

11	Study of epidemiological factors affecting patients of hypertension attending urban health training centre of community medicine of tertiary care hospital, Maharashtra.	S. Kawale , Manjusha A. Shinde.	Indian Journal of Public Health Research & Development	2020		
12	Epidemiological study of type 2 diabetes mellitus patients attending urban health training centre of community medicine tertiary care hospital, Maharashtra.	S. Kawale, Manjusha A. Shinde, Harshal T. Pandve, Prashant Shinde	National Journal Of Community Medicine	2020		
13	A cross-sectional study of knowledge about First aid in undergraduate medical students of Maharashtra	S. Kawale , Manjusha A. Shinde, Prashant Shinde	Indian J Public Health Research and Development	2020		
14	Basic Life Support: A cross-sectional study of knowledge in undergraduate medical students of Maharashtra.	S. Kawale, Manjusha A. Shinde, Prashant Shinde.	International Journal of Community Medicine and Public Health	2020		
15	Study of Cardiovascular Risk Assessment in Patients with Fatty Liver Disease.	Prashant Shinde, S. Kawale, Dharmesh Kapoor.	Indian J Public Health Research and Development	2020		
16	The perspective of our future doctors towards organ donation: a national representative study from India.	Madhur Verma, Priyanka Sharma, Sneha Ranjan, Suchita Kanwale.	International Journal of Adolescent Medicine Health	2020		
17	Role And Barriers of Using Zinc And ORS Combined in Diarrheal Diseases among Under Five Children: A Narrative Review.	Sudha B, Kunduru CS, Pisudde PM, Pandve HT	J Comprehensive Health	2019		
18	Assessment of Cardiovascular Risk Factors among Women Who Are the Industrial Residents of Hyderabad.	Sudha Bala, Madhuri Taranikanti, Aruna Kumari Yerra, Bhavya Gundepudi.	Indian journal of cardiovascular diseases in women	2019		
19	Autonomic Nervous System Derangement as a Predictor of Cardiovascular Disease in Obese Postmenopausal Women.	Madhuri Taranikanti, Akhila Dronamraju, Sudha Bala, Rohith Kumar Guntuka, Aswin Kumar Mudunuru.	Indian Journal of Cardiovascular Disease in Women	2019		
20	Ankle-Brachial Index as a Predictor for Cardiovascular Disease in Postmenopausal Women.	Manchikanti, Lakshmi Lasya; Taranikanti, Madhuri; Dronamraju, Akhila; Sudha bala; Guntuka, Rohith Kumar	Indian Journal of Cardiovascular Disease in Women	2019		
21	Performance of Indian diabetic risk score as a	Bala S, Pandve H, Kamala	J Family Med Prim Care	2019		

	screening tool of diabetes among women of industrial urban area.	K, Dhanalakshmi A, Sarikonda H.				
22	Prevalence and Factors associated with sickness absenteeism among Pharmaceutical Industrial workers of Hyderabad, India.	Asian Journal of Medical Sciences.	Sudha Bala, B; Pandve, H.	2021		
23	Impact of COVID-19 pandemic on mental health among Indians: A posttraumatic stress disorder	Ind Psychiatry J	Sudha Bala, Pandve H, Manna R, Sreelal BS, Patel S, Saxena T, et al.	2020		
24	Determinants of cardiovascular disease among urban women with psoriasis - a case control study	Indian Journal of Cardiovascular Disease in Women	Sudha B, Archana M, Pandve HT, Biswal C, Prasanna V, Jogi S.	2020		
25	Consequence of phubbing on psychological distress among the youth of Hyderabad.	Med J DY Patil Vidyapeeth	Tekkam SD, Sudha Bala , Pandve H.	2020		
26	Medication Adherence and Its Determinants among Women of Cardiovascular Disease of Tertiary Care.	Indian Journal of Cardiovascular Disease in Women.	Haritha Arnipalli, Sudha Bala, Harshal Pandve.	2020		
27	Clinical profile and causality of cutaneous adverse drug reactions among patients attending tertiary care teaching hospital in South India.	Int J Res Dermatol	Mavoori A, Sudha Bala , Pamar S, Podila K, Sriram D.	2020		
28	An epidemiological study of pattern of dermatoses in paediatric age group at a tertiary care teaching hospital in South India.	Int J Res Dermatol	Mavoori A, Sriram D, Pamar S, Sudha Bala.	2020		
29	Knowledge, Attitude & Practice among psoriasis patients in India towards tele dermatology during COVID-19 Pandemic.	A Mavoori, Sudhabala, Rajiv K Bandaru, Aruna K Yerra.	J. Dermatology and Dermatitis.	2021		
30	Menopause-related quality of life among urban women of Hyderabad, India.	Yerra AK, Bala S, Yalamanchili RK, Bandaru RK, Mavoori A.	J Mid-life Health	2021		
31	Screening of behavioural problems among high school children of Hyderabad using strengths and difficulties questionnaire reported by parents.	Shanshanka. K, Sudha Bala, V Kanakadurgamba, Shravan. A, Paulson. V.	International Journal of Scientific Research.	2022		
32	Impact of COVID-19 pandemic on blood donation during 1st wave in India: Understanding regular blood donors and non-blood donor's perspective, attitudes, and practices.	Srinivasa Rao Chunchu, Sudha Bala, Rajiv Kumar B, Ushasree Ravula.	Asian Journal of Medical Sciences	2022		
33	Measurement of risk and stressors of post-traumatic stress disorder during the first lockdown	Bala, S., Pandve, H., Katkuri, S., & Nikhil, T.	International Journal of Occupational Safety and	2022		

	period of COVID-19 among Industrial workers, Hyderabad, India.		Health.			
34	Efficacy of secukinumab in the treatment of moderate severe plaque psoriasis at a tertiary care teaching hospital in India.	Archana Mavoori, Sneha Pamar Sudha Bala.	Iran J Dermatol	2021		
35	Perception of undergraduate medical students to the existing learning environment, India.	Aruna Kumari Yerra, Bhagyasri R.Hungund, Madhuri Taranikanti, Dr.Sudha Bala.	Turkish journal of qualitative inquiry.	2022		
36	Evaluation of simulation skills of healthcare workers at a tertiary care center: A perspective towards coronavirus disease 2019 (COVID-19) third wave preparation.	Bala S, Yerra AK, Katkuri S, Podila KS, Animalla V.	J Fam Community Med	2022		
37	Estimation of Cardiovascular Risk Profile among Diabetic Patients Attending Tertiary Care Hospital. WINCARS.	Ganesh Anjani Sharma Sudha Bala, Arun Guddeti, Sushma Katkuri, Suneeth Jogi, Jahnvi Dharmana.	Indian Journal of Cardiovascular Disease in Women	2022		
38	Effect of steam inhalation therapy as add-on to standard treatment in COVID-19 patients with mild symptoms: Randomized controlled study.	Bandaru RK, Mirza MA, Suravaram S, Bala S, Narsimhan C, Muthiah S.	MRIMS J Health Sci	2022		
39	Assessment Of Mental Workload And Stress Levels During Covid19 Among Doctors.	Dr C. Anila Rao , Dr Sudha Bala , Dr M. Shyam Sunder , Dr Shrikanth Murlidharan , Dr Sushma Katkuri.	Journal of Pharmaceutical Negative Results	2022		
40	Morbidity Profile And Health Seeking Behaviour Of Women In The Reproductive Age Group In Urban And Rural Areas: A Comparative Study. 2022 ; 13(7) :1542-48	Dr Pavan Kulkarni, Dr Sushma Katkuri, Dr Sudha Bala , Dr Shrikanth Muralidharan.	Journal of Pharmaceutical Negative Results	2022		
41	Usability of medication event reminder monitoring system and other determinants to improve the adherence to anti-tuberculosis drugs among patients of tertiary care hospital, Hyderabad.	Bala S, Aravind B M, Kadas S, Pandve H, Shukla S, Rajesham A, Arnipalli H.	BLDE Univ J Health Sci	2023		
42	Screening of cardiac rhythm disorders in women working at information technology sector using continuous ambulatory wireless cardiac monitoring – A community-based study	Bala S, Agarwal S, Bandaru RK, Mirza MA, Kampally M, Animalla V, et al.	Indian J Cardiovasc Dis Women	2022		

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44	Comparative study on the quality of electrocardiogram and arrhythmia detection using wireless ambulatory Vigo SmartHeart Holter and conventional Holter.	Bala S, Mirza MA, Mavoori A, Bandaru RK, Kampally M, Agarwal S, et al.	MRIMS J Health Sci	2022		
45	Hypertensives versus Normotensives: Study on Coping Strategies and Lifestyle Determinants among Industrial Workers, Hyderabad, South India.	Palagiri, Sushma; Bala, Sudha; Pandve, Harshal; Polamuri, Chandralekha; Katkuri, Sushma.	Indian Journal of Occupational and Environmental Medicine	2023		
46	Prevalence of ABO and rhesus blood groups in blood donors. A study from a tertiary care teaching hospital S.V.R.R.Govt. General Hospital in Rayalaseema region of Andhra Pradesh, Tirupati.	Seetha Vijaya Lakshmi, Durga Prasad Palla, D Surendra Babu, Chittooru Chandra Sekhar	International Journal of Medical and Biomedical Studies	2019		
47	Prevalence and its associated determinants of Diabetic Peripheral Neuropathy (DPN) in individuals having type-2 diabetes mellitus in Rural South India.	Darivemula S, Nagoor K, Patan SK, Reddy NB, Deepthi CS, Chittooru CS.	Indian J Community Med	2019		
48	Utilization of Janani Shishu Suraksha Karyakram and estimation of out of pocket expenditure: A prospective follow-up study among mothers and newborns in Chittoor.	Yangala M, Patan SK, Deepthi S, Chaudhuri S, Duddu P, Narapureddy BR, Surendra Darivemula.	J Family Med Prim Care	2020		
49	Morbidity profile of children from birth to 18 years of age referred for intervention to the district early intervention centre in a district hospital, Andhra Pradesh.	Darivemula SB, Nagoor K, John KR, Kahn PS, Chittooru CS.	Indian J Public Health	2020		
50	A Study on Assessment of Level of Self- Care Practices among Known Type 2 Diabetes Patients in Rural Field Practice Area of South India.	Sekhar CC, babu DS, Krishna GA, Deepthi CS, Kalluri JB.	Int J Med Public Health.	2020		
51	Clinico-Radiological Profile of Pulmonary Tuberculosis with Diabetes Mellitus among Patients Attending to a Tertiary Care Teaching Hospital	Narayan Mood, Mouleeswara Kumar Tamma, Surendra Babu Darivemula & Sri Krishna	International Journal of Medical Research & Health Sciences	2021		

		Kishore Advanapu				
52	Development of a community orientation program (COP) as a community-based medical education method for undergraduate medical students: an experience from India.	Narapureddy BR, Patan SK, Deepthi CS, Chaudhuri S, John KR, Chittooru C, Babu S, Nagoor K, Jeeragyal D, Basha J, Nell T, Reddy RS.	BMC Med Educ.	2021		
53	Assessment of knowledge, attitude, and practices (KAP) on menstrual hygiene among adolescent girls residing in govt. social welfare hostels.	Nagoor K, Babu S, Raziya D.	D Y Patil J Health Sci	2021		
54	A study to assess the level of burnout and its determinants among medical practitioners working in a tertiary care center in South India.	Krishna GA, Chittooru CS, Chittem SD, Darivemula SB, Bheemisetty N.	J Mental Health Hum Behav	2021		
55	A comparative study on knowledge and awareness regarding type-2 diabetes mellitus and its complications among urban and rural patients.	Darivemula SB, Vishwajeeth G, Pooja G, Prathyusha G, Pavani G, Sahithya G, et al.	BLDE Univ J Health Sci	2022		
56	An observational comparative study of clinicoepidemiological profile of COVID-19 patients admitted in the tertiary care hospital during first and second wave on pandemic.	Darivemula SB, Dara C, Sagar T, Bala S, Animalla V.	Biomed Biotechnol Res J	2023		
57	Need for Indian medical services – Time to learn and unlearn.	Pandve HT, Rajeshwari S.	Med J DY Patil Vidyapeeth	2021		
58	Social behavioral change communication - an approach to vaccine hesitancy.	Suthanthira KS, Rajeshwari S, Ramasamy A.	Int J Community Med Public Health	2021		
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61	HIV and SARS CoV-2 coinfection: A retrospective, record-based, case series from South India.	Marimuthu J, Kumar BS, Gandhi P A.	J Med Virol.	2021		
62	Prediction of COVID-19 Outbreaks Using Google Trends in India: A Retrospective Analysis.	Venkatesh U, Gandhi PA.	Healthc Inform Res.	2020		

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64	Epidemiological studies on coronavirus disease 2019 pandemic in India: Too little and too late?	Gandhi PA, Kathirvel S.	Med J Armed Forces India.	2020		
65	Population Mobility, Lockdowns, and COVID-19 Control: An Analysis Based on Google Location Data and Doubling Time from India.	Periyasamy AG, Venkatesh U.	Healthc Inform Res.	2021		
66	Feco-Oral Transmission of SARS-CoV-2.	Gandhi P A, Singh T.	Asia Pac J Public Health.	2020		
67	Salt-restriction and adequate iodine consumption: Dual burden or twin-opportunity?	Gandhi AP.	Natl Med J India.	2019		
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69	An initiative to improve nutritional education among medical students.	Aravind Gandhi P, Venkatesh U, Tiwari P, Kishore J.	Med J Armed Forces India.	2021		
70	Demographic and clinical factors associated with early hospital Coronavirus disease 2019 deaths in a low middle income setting: A record-based analysis of 20,641 deaths from India.	Gandhi Periyasamy A, Kathirvel S, Rehman T, Singh A.	Monaldi Arch Chest Dis.	2021		
71	Prevalence of depression and the associated factors among the software professionals in Delhi: A cross-sectional study.	Gandhi PA, Kishore J.	Indian J Public Health.	2020		
72	Lockdowns, Community Mobility Patterns, and COVID-19: A Retrospective Analysis of Data from 16 Countries.	Venkatesh U, Gandhi P A, Ara T, Rahman MM, Kishore J.	Healthc Inform Res.	2022		
73	Effect of COVID-19 lockdown on the pathway of care and treatment outcome among patients with tuberculosis in a rural part of northern India: a community-based study.	Gandhi AP, Kathirvel S, Rehman T.	J Rural Med.	2022		
74	Telemedicine practice guidelines in India: Global implications in the wake of the COVID-19 pandemic.	Venkatesh U, Aravind GP, Velmurugan AA.	World Med Health Policy.	2022		
75	Epidemiological studies on coronavirus disease 2019 pandemic in India: Too little and too late?	Gandhi PA, Kathirvel S.	Med J Armed Forces India.	2020		

76	Feasibility of tele-follow-up of chronic respiratory disease patients in a resource-limited setting of northern India during COVID-19 pandemic.	Kathirvel S, Periyasamy AG, Sathiabalan M, Dhooria S, Sehgal IS, Prasad KT, Muthu V, Singh A, Agarwal R.	Med J Armed Forces India.	2021		
77	Implications of Gastrointestinal Involvement in COVID-19.	Kaur H, Singh A, Gandhi AP, Murugan S, Singh T.	Asia Pac J Public Health.	2020		
78	Carbon Emissions from Virtual and Physical Modes of Conference and Prospects for Carbon Neutrality: An Analysis From India.	Periyasamy AG, Singh A, Ravindra K.	Air, Soil and Water Research.	2022		
79	Assessment of birth satisfaction among the women attending the immunization clinics in South Delhi: A cross-sectional study. CHRISMED	Gandhi PA, Doley P, Balasubramanian T, Mishra A, Pardeshi G.	Journal of Health and Research.	2020		
80	Assessment of the Attitude Toward Doctor-Patient Relationship Among Students of a Medical College in New Delhi: A Cross-sectional Study.	Gandhi PA, Balasubramanian T, Doley P, Pardeshi G.	Journal of Research in Medical Education & Ethics.	2019		
81	Changes in body mass index (BMI) during first year among undergraduate students of a medical college in New Delhi.	Doley P, Gandhi A, Balasubramanian T, Pardeshi G.	National Journal of Community Medicine.	2019		
82	Empower parents, enable breastfeeding: a behavioral change communication exercise conducted at a community health centre of Haryana.	Periyasamy AG, Dalui N, Aggarwal AK, Goyal S, Jain R.	International Journal of Community Medicine and Public Health.	2019		
83	Pharmacovigilance in India : Dont take a chill pill.	Sanajana Agrawal, Sonal Dayama, Abhiruchi Galhotra	International Journal of Current Research and Review.	2022		
84	Epidemiological Characteristics of the COVID-19 Pandemic During the First and Second Waves in Chhattisgarh, Central India: A Comparative Analysis.	Agarwala, Pragya; Bhargava, Anudita; Gahwai, Dharmendra Kumar; Negi, Sanjay Singh; Shukla, Priyanka; Dayama, Sonal	Cureus	2022		
85	"Vaccinate every child against COVID-19": A scientific or socioeconomic need?	Agrawal, Sanjana; Dayama, Sonal; Galhotra, Abhiruchi	Journal of Family Medicine and Primary Care.	2022		

86	COVID-19 mental health challenges: A scoping review.	Agrawal, Sanjana; Dayama, Sonal; Galhotra, Abhiruchi	Journal of Education and Health Promotion.	2022		
87	Prevalence of Non-Communicable Diseases and Its Associated Factors Among Urban Elderly of Six Indian States.	Chobe M, Chobe S, Dayama S, Singh A, Metri K, Basa JR, Raghuram N.	Cureus.	2022		
88	Oral manifestation of the monkeypox virus: a systematic review and meta-analysis.	Gandhi P A, Patro SK, Sandeep M, et al.	eClinicalMedicine	2023		
89	COVID-19 vaccination uptake and adverse events following COVID-19 immunization in pregnant women in Northern India: a prospective, comparative, cohort study.	Gandhi AP, Thakur JS, Gupta M, Kathirvel S, Goel K, Singh T.	J Rural Med	2022		
90	Effect of digitization of medical case files on doctor patient relationship in an Out Patient Department setting of Northern India: A comparative study.	Gandhi P A, Goel K, Gupta M, Singh A.	Indian J Community Heal	2022		
91	Health and Wellness Centres as a strategic choice to manage noncommunicable diseases and universal health coverage.	Gandhi PA, Nangia R, Thakur J.	Int J Noncommunicable Dis	2022		
92	Serious Adverse Event Following Immunization and thromboembolic events associated with COVID19 vaccination: An analysis of nationwide causality assessment from India.	Gandhi P A, Venkatesh U, Murali N.	Indian Heart J	2023		
93	Impact of Virtual Continued Medical Education on Carbon Footprint and awareness of Digital sobriety: A retrospective cross-sectional study among Public Health Professionals in India.	Gandhi PA, Padhi BK, Goel K, Singh A, Kansal OP, Al-Ahdal T.	Front public Heal	2023		
94	Ophthalmic Manifestations of the Monkeypox Virus: A Systematic Review and Meta-Analysis.	Gandhi, AP et al	Pathogens	2023		
95	The growing concern of Diabetic risk among adults of an urban slum of Hyderabad: A post-pandemic study	Moses PM, Valluri V, et al	Journal of Cardiovascular Disease Research	2023		
96	'Covid Death Audit as a system strengthening tool in the state of Chhattisgarh'	Dayama, S.,Gahwai D., Sundrani, O. and Shukla, P.	Public Health Chronicles - A Collection of Global Case Reports.	2023		

Dermatology

Sl no	Title	Name of Authors	Name of the International/National Journal	Date of Publication	Summary of research work	Relevant citations
1	Cutaneous manifestations of adverse drug reaction	Dr.Purnachandra Badabagni	International Journal Of Clinical and experimental dermatology	2016		
2	Chronic Urticaria :a clinic etiological study and autologous serum skin test role in chronic idiopathic urticaria	Dr.Purnachandra Badabagni	International Journal of Research in Dermatology	July 2021		
3	A comparative study of 35%glycolic acid peel versus modified Kligman 's regimen in treating Melasma in patients with dark skin	Dr.Purnachandra Badabagni	International Journal of Dermatology ,Venereology and Leprosy Sciences	2021		
4	An observational study of correlation of acne and metabolic syndrome	Dr.Purnachandra Badabagni	International Journal of Dermatology ,Venereology and Leprosy Sciences	2021		
5	Efficacy and safety of Adalimumab in treating patients with moderate to severe plaque psoriasis :a retrospective study	Dr.Purnachandra Badabagni	International journal of research in dermatology	Jan 2022		
6	Cutaneous manifestations of neonates	Dr.Purnachandra Badabagni	International Journal Of Clinical and experimental dermatology	2016		
7	Clinico epidemiological study of pregnancy dermatosis	Dr.Purnachandra Badabagni	International Journal Of Clinical and experimental dermatology	2016		
8	Clinicoepidemiological study of cutaneous manifestations of chronic renal failure	Dr.Purnachandra Badabagni	International Journal Of Clinical and experimental dermatology	2016		
9	Clinical profile and causality of cutaneous adverse drug reactions among patients attending tertiary care teaching hospital in South India	Dr.M.Archana	International journal of res.dermatology	2020		

10	An epidemiological study of pattern of dermatoses in paediatric age group at a tertiary care teaching hospital in South India	Dr.M.Archana	International journal of res.dermatology	2020		
11	Determinants of Cardiovascular Disease among Urban Women with Psoriasis: A Case–Control Study.	Dr.M.Archana	Indian Journal of Cardiovascular Disease in Women	2020		
12	Association of Obstructive Parameters of Lung Functions Estimated by Spirometry with Risk Factorsfor Cardiovascular Disease among Women of TertiaryCare Hospital.	Dr.M.Archana	Indian Journal of Cardiovascular Disease in Women	2020		
13	Knowledge, Attitude & Practice among psoriasis patients in India towards teledermatology during COVID-19 Pandemic	Dr.M.Archana	J.Dermatology and Dermatitis	2021		
14	Efficacy of secukinumab in the treatment of moderate-severeplaque psoriasis at a tertiary care teaching hospital in India	Dr.M.Archana	International journal of res.dermatology	2020		
15	Menopause-related quality of life among urban women of Hyderabad	Dr.M.Archana	India. J Mid-life Health	2021		
16	Comparative study on the quality of electrocardiogram and arrhythmia detection using wireless ambulatory vigo smart heart holter and conventional holter	Dr.M.Archana	MRIMS journal of health sciences	2023		
17	Pityriasis rosea among pediatric patients cross sectional study, institution based study	Dr.Brahma PVSVPHS	Journal of Pakistan association of dermatologist	2022		
18	Lichen planus –A refractory autoimmune disorder	Dr.K.Aishwarya Yadav	Indian journal of clinical and experimental dermatology	2023		

Forensic Medicine

Sl no	Title	Name of Authors	Name of the International/ National Journal	Date of Publication	Summary of research work	Relevant citations
1	Comprehensive and Analytical Study of Medico Legal Autopsies at Tertiary Care Center	Boddupally Ravi Kumar, Nishat Ahmed Sheikh	Indian Journal of Forensic Medicine And Toxicology	vol:13, number1, jan-march 2019	<p>Aim and Objectives: To study the gross postmortem findings in all Medico legal Autopsies.</p> <p>Type of Study: Analytical prospective study.</p> <p>Place of Study: Study was done by the upgraded department of Forensic Medicine & Toxicology, Osmania Medical College, Hyderabad.</p> <p>Observation and Discussion: Preponderance of male sex (53.8%) is seen over female sex (33.4%) in known cases, maximum incidence of deaths are seen in the third decade of life as 24.9%, leading cause of death are head injuries (20.39%) followed by hanging (18.4%), burns (17.02%), multiple injuries (13.86%), poisoning (9.70%), majority of deaths caused by accidents (49.2%) followed by suicide (37.5%) and least by homicides (6.2%). Perception of autopsy findings in medico legal investigation has not only perspective value but also prospective value for future deliberations of criminology and criminalists.</p> <p>Conclusion: Medico legal Autopsies form an integral and indispensable part of an investigation of a sudden suspicious death. The skills and experience of a Autopsy surgeon facilitate the law enforcement agencies in</p>	<p>1)Adams VI. Medicolegal autopsies and autopsy toxicology. In: Ludwig J, editors. Autopsy practice. 3 rd ed. New Jersey: Humana Press; 2002. p. 7-20.</p> <p>2)Kumar TS, Kanchan T, Yoganarasimha K, Kumar GP. Profile of unnatural deaths in Manipal, Southern India 1994-2004. J Clin Forensic Med 2006; 13:117- 20.</p> <p>3)Santhosh CS, Vishwanathan KG, Satish BBS. Pattern of unnatural death – a cross sectional study of autopsies at mortuary of KLES'S hospital and MRC, Belgaum. J IndAcad Forensic Med 2011;33(1):18-20</p> <p>4)Khan BH, Hossain MM. Study on unnatural death patterns in Dhaka City. Anwer Khan Mod Med Col J 2011;2(2):18-20.</p> <p>5)Mandong BB, Manasseh AN, Ugwu BT. Medicolegal autopsies in North Central Nigeria. East Afr Med J 2006; 83: 626-30.</p> <p>6)Tiemensma M, Burger EH. Sudden and unexpected deaths in an adult population, Cape Town, South Africa, 2001-2005. S Afr Med J 2012; 102:90-4.</p>

					administration of justice and bring the guilty to the gallows.	
2	Role of Cardiac Troponin-I in case of death time estimation- An in vitro study	Boddupally Ravi Kumar , Prakash Chandra Jha , Shakti Shishodia , DattatrayaP. Kale	Indian Journal of Forensic Medicine And Toxicology	vol:14, Number 4, Oct-Dec 2020	<p>Objective: The present study was conducted to investigate the degradation pattern of cTnI with respect to time.</p> <p>Materials And Methods: Group 1 were anesthetized with Sodium pentobarbital (40 IP). The chest cavity was then quickly opened, and the heart was excised out. Group 2 (Asphyxial Death) were sacrificed by clamping a tracheostomy tube. Group 3 (Acebutolol Death) were sacrificed by giving an oral lethal dose of Acebutolol(6620mg/kg). Incubation at 28o C for different time interval (0 hrs, 6 hrs, 12 hrs, 24hrs, 48 hrs, 72 hrs, 96 hrs and 100 hrs). The heart was then isolated and freezed at-80oC. The extraction of protein from tissue was optimized so as to stop or minimize the degradation of protein during the extraction process. The conventional method was used for extraction with slight modifications in the extraction buffer and an added step of carrying every step of the extraction process at low temperature (1-4oC)</p> <p>Results- The data clearly established that the degradation pattern of cTnI is different for all the three groups- Control, Acebutolol and Asphyxia. In case of Acebutolol the degradation of cTnI into its molecular fragments is at a much faster rate when compared to the Control and Asphyxia groups, The difference in degradation of cTnI is because Acebutolol is highly cardiotoxic,</p>	<ol style="list-style-type: none"> 1. Gargi J, Gorea RK, Chanana A, Mann G. Violent asphyxial deaths - A six yearsstudy. J IndAcad Forensic Med.1992; 171-176. 2. Tranquil A, Kintz P, Wendling P, Lohner SR, Mangin P, Jaeger A. Toxicological findings in a fatal case of Acebutolol self-poisoning. Institute de MédecineLégale, Strasbourg, France 3. Babuin L, Jaffe AS. Troponin: the biomarker of choice for the detection of cardiacinjury. CanMedAssocJ.2005;173:1191-1202. 4. Alberto JS, Kenneth GF. Estimation of postmortem interval using the protein marker CardiacTroponinI. ForensicSci Int.2003;134(1):11-16. 5. Adamcova` M, Gersl V, Macha`ckova` J, Hrdina R, Klimtova` I, Simu`nek T, Va`vrova` J, Bukac J. Troponins in experimental studies. Acta Medica.2002;45(1):29-32. 6. Adamcova` M, Simu`nek T, Kaiserova` H, Popelova` O, Ste`rba M, Pota`cova` A, Va`vrova` J, Mala`kova` J, Gersl V. In vitro and

					<p>and its effect on cardiac tissues is high and immediate.</p> <p>Conclusion- The degradation of intact cTnI into smaller molecular fragments is also dependent upon temperature. In order to know more about the measurement of cTnI fragmentation for the determination of the postmortem interval, further investigations are necessary to understand more about the cTnI degradation pattern.</p>	<p>in vivo examination of cardiac troponins as biochemical markers of drug-induced cardiotoxicity. Toxicology. 2007;237(1-3):218-228</p>
3	<p>Evaluation of the Oro-facial features in the victims of abuse and neglect of 5-16-year age children</p>	<p>WagishaBarbi, Ravindra S Sonawane, Pinky Singh, Saurav Kumar, Bodupally Ravi Kumar, Aafreen Arora</p>	<p>Journal of Pharmacy & BioAllied Sciences</p>	<p>vol:13, supplement 2, Aug 2021</p>	<p>The study was conducted to evaluate the oro-facial features of children between the age group of 5-16 years suspected to be victims of child abuse/neglect.</p> <p>Materials and Methods: This study was conducted on 250 children ranging between 5 and 16 years were enrolled in the study. All the participants were suspected to be victims of child abuse/neglect. The orofacial features were carefully examined by a well-trained dentist.</p> <p>Results: Two hundred and fifty children were enrolled in the study. Seventy-two children (30%) presented with laceration of various sites including lip (n = 13), frenum (n = 8), buccal mucosa (n = 26), palate (n = 16), and floor of the mouth (n = 9). Twenty-nine participants exhibited the features of avulsion (11.6%). Eighteen children revealed dento-alveolar fractures, 104 presented with dental caries (41.6%), 19 presented with missing teeth (7.6%), all the candidates presented with deposits (100%).</p> <p>Conclusion: Careful intraoral and perioral examination of the participants</p>	<p>1. Costacurta M, Benavoli D, Arcudi G, Docimo R. Oral and dental signs of child abuse and neglect. Oral Implantol (Rome) 2015;8:68-73.</p> <p>2. Duda JG, Biss SP, Bertoli FM, Bruzamolín CD, Pizzatto E, Souza JF, et al. Oral health status in victims of child abuse: A case-control study. Int J Paediatr Dent 2017;27:210-6.</p> <p>3. Gonzalez D, BethencourtMirabal A, McCall JD. Child Abuse and Neglect. In: StatPearls. Treasure Island (FL): StatPearls Publishing; 2020. Available from: https://pubmed.ncbi.nlm.nih.gov/29083602/. [Last Updated on 2020 Nov 21].</p> <p>4. Kempe CH, Silverman FN, Steele BF, Droegemueller W, Silver HK. The battered-child syndrome. JAMA 1962;181:17-24.</p> <p>5. Costacurta M, Benavoli D, Arcudi G, Docimo R. Oral and dental signs of child abuse and</p>

					victimized to abuse and/neglect is necessary as the oral cavity is a central focus for physical abuse, which may be allied to its importance in communication and nutrition. Physicians and dentists should work together to increase the prevention, detection, and treatment of these conditions.	neglect. <i>Oral Implantol (Rome)</i> 2015;8:68-73. 6. Naidoo S. A profile of the oro-facial injuries in child physical abuse at a children's hospital. <i>Child Abuse Negl</i> 2000;24:521-34.
4	A cross-sectional study on knowledge of registered medical practitioners, regarding management of medico-legal cases in Meghalaya	Anamika Nath, Amarantha D. Ropmay, Daunipaia Slong, Amar Jyoti Patowary, Ankith J. Rao	Journal of Family Medicine and Primary Care	10-03-2022	<p>Objective: To assess the knowledge of registered medical practitioners in Meghalaya regarding the management of medico-legal cases in day-to-day medical practices.</p> <p>Materials and Methods: This was a cross-sectional study, conducted at the Department of Forensic Medicine, North Eastern Indira Gandhi Regional Institute of Health and Medical Sciences (NEIGRIHMS) for 6 months. The study group included registered medical practitioners working in the government sector who were approached through the Director of Health Services (DHS), Meghalaya. Study tools included one preformed and pretested questionnaire. Knowledge was assessed along with designation and years of experience. A P value of < 0.05 was considered statistically significant.</p> <p>Results: From 94 subjects analyzed for their answers, 56% had adequate knowledge. Amongst nonspecialist doctors (n = 53), 52.8% had adequate knowledge and amongst specialist doctors (n = 34), 67.6% had adequate knowledge in various aspects of management of medico-legal cases, and it was found that 6.4% had adequate knowledge in documentation, 21.2% in consent, 3.2% in the Protection of Children from Sexual Offences (POCSO) Act, 71.2% in autopsy, 88.2% in legal duties in emergency care. A total of 68.7% of those having 16–20 years of experience had adequate knowledge. Chi-square test of designation and years</p>	<p>1. Preston-Shoot M, McKimm J, Kong WM, Smith S. Readiness for legally literate medical practice? Student perceptions of their undergraduate medico-legal education. <i>J Med Ethics</i> 2011;37:616–22.</p> <p>2. Barnie BA, Forson PK, Opere-Addo MNA, Appiah-Poku J, Rhule GP, Oduro G, et al. Knowledge and perceptions of health workers' training on ethics, confidentiality and medico-legal issues. <i>J Clin Res Bioeth</i> 2015;6:205.</p> <p>3. Chavda KL, Jadav JC, Padmaraj RY, Shah KA, Silajiya DA, Joshiyara RV. A study on awareness and consciousness towards the different medico-legal terms among the doctors of different areas of Gujarat. <i>Int J Res Med</i> 2014;3:43-5.</p> <p>4. Nash L, Daly M, Johnson M, Walter G, Walton M. Psychological morbidity in Australian doctors who have and have not experienced a medico-legal matter: Cross-sectional survey. <i>Aust N Z J Psychiatry</i> 2007;41:917–25.</p> <p>5. Sulmasy DP, Marx ES. Ethics education for medical house officers:</p>

					<p>of experience on knowledge was found to be 0.33 and 0.75, respectively.</p> <p>Conclusion: Nearly half of the registered medical practitioners of Meghalaya have adequate knowledge. However, years of experience and designation have no significance with the knowledge of registered medical practitioners regarding the management of medico-legal issues.</p>	<p>Long-term improvements in knowledge and confidence. J Med Ethics 1997;23:88-92</p>
5	<p>A cross sectional study on scaling the depression, Anxiety and stress level of medical students During COVID-19 in a Tertiary Level Medical Institution in India</p>	<p>Anamika Nath, Amarantha Donna Ropmay, Daunipaia Slong, Amar Jyoti Patowary, Dev Ashis Ramu Damu, Ankith Jonpelly, Kishanth Shankar, Prabal Das</p>	<p>International journal of Human and Health sciences</p>	<p>Vol. 06, No. 02, April'22.</p>	<p>Objective: This study was taken up to find out the level of depression, anxiety and stress of medical students during COVID-19.</p> <p>Methods: It was a cross-sectional study done at a tertiary institute for a period of one month in the middle of 2021. An online questionnaire, based on DASS 21 (Depression, Anxiety, and Stress Scale 21) scale, consisted of 7 questions each for each category viz. depression, anxiety and stress. While completing the DASS 21 questionnaire, each individual was required to indicate the presence of a symptom over the previous week. Chi-square test was used to analyze between the categorical variables.</p> <p>Results: Out of 183 study subjects, 16.39% had extremely severe depression, 13.66% extremely severe anxiety and 7.65% extremely severe stress. Development of anxiety with sex ($p=0.04$), and age ($p=0.03$), depression with age ($p=0.02$), development of depression with place of stay ($p=0.04$), and year of MBBS ($p=0.0007$) and anxiety with year of MBBS ($p=0.0006$) were found to be statistically significant.</p> <p>Conclusion: Development of depression, anxiety and stress in medical students must be recognized by the institution and measures for prevention like counselling facilities should be provided.</p>	<p>1. World Health Organization (WHO). WHO_constitution_en.pdf [Internet]. [cited Jan 12, 2021]. Available from: https://www.who.int/governance/eb/who_constitution_en.pdf.</p> <p>2. Lovibond PF, Lovibond SH. The structure of negative emotional states: comparison of the Depression Anxiety Stress Scales (DASS) with the beck depression and anxiety inventories. Behav Res Ther. 1995;33(3):335-43.</p> <p>3. World Health Organization (WHO). Mental-healthconsiderations.pdf [Internet]. [cited Jan 8, 2021]. Available from: https://www.who.int/docs/default-source/coronaviruse/mental-health-considerations.pdf.</p> <p>4. Jansson M, Rello J. Mental health in healthcare workers and the COVID-19 pandemic era: Novel challenge for critical care. J Intensive Crit Care. 2020;6(2):6.</p> <p>5. Tsamakis K, Rizos E, Manolis AJ, Chaidou S, Kypouropoulos S, Spartalis E, et al. COVID-19 pandemic and its impact on mental</p>

						health of healthcare professionals. <i>Exp Ther Med.</i> 2020;19(6):3451-3.
6	A Cross Sectional study on Perception of Medical Students on Online Medical Teaching in Present Scenario of COVID 19 in a Tertiary care Medical institute	Anamika Nath, Amarantha Donna Ropmay, Daunipaia Slong, Amar Jyoti Patowary, Ankith Jonpelli, Shankar Kishanth, Prabal Das	Journal of forensic medicine science and law	Volume 31, issue 1, 2022. Page no 8-12	<p>Introduction: The present pandemic caused by COVID 19 has affected the world as a whole and social distancing became a part of our lives. Medical education like any other form of education was affected and online classes came to the rescue.</p> <p>Methods: This study was conducted with the rationale to find out how effective are online classes and what measures can be taken to further to simulate online classes as near as possible to physical classes. Google forms were given to undergraduate medical students. 183 students participated in this study. Likert's scale was used to grade the scores from strongly agree to strongly disagree.</p> <p>Results: The observations revealed that only 2.73% students strongly agreed being comfortable with online classes and 6.55% participants strongly agreed that their internet connectivity was good. 1.64% strongly agreed and that they were able to follow the class and 14.98% strongly disagreed that there were no distracting agent. 16.94% strongly agreed that they are accustomed with the smart devices being used. About 25.13% disagreed that voice quality was good. Majority strongly agreed that recorded videos and hard copies of the class material would be helpful. On being asked if online classes are as good as the physical classes for theoretical knowledge and practical knowledge, most of them disagreed.</p> <p>Conclusion: Online classes is the important resource in hand for continuing medical teaching during pandemics,</p>	<p>1. Joshi A, Singh S, Jaswal S, Badyal D, Singh T. Concept maps: A tool for knowledge management and synthesis in web-based conversational learning. <i>Int J Appl Basic Med Res.</i> 2016; 6(3):151.</p> <p>2. Rose S. Medical Student Education in the Time of COVID-19. <i>JAMA.</i> 2020; 323(21):2131.</p> <p>3. Important Guidance for Medical Students on Clinical Rotations during the Coronavirus (COVID-19) Outbreak AAMC (Internet) [Cited 2021 Feb 22]. Available from: https://www.aamc.org/newsinsights/press-releases/important-guidance-medicalstudents-clinical-rotations-during-coronavirus-covid-19-outbreak.</p> <p>4. COVID-19 and E-Learning: the Challenges of Students in Tertiary Institutions Social Education Research (Internet) [Cited 2021 Feb 22]. Available from: http://ojs.wiserpub.com/index.php/SER/article/view/ser.212021422.</p> <p>5. Moore MG. Editorial: Distance education theory. <i>Am J Distance Educ.</i> 1991; 5(3):1-6.</p>

					there is need to take more efforts for making it student-friendly by incorporating audio, video and texts which are interesting for the students. Technological support should be provided by institution and appropriate Faculty training is needed.	
7	A Cross-Sectional Study on the Perception of Faculty on Online Medical Teaching during the Three Waves of COVID-19 in a Teaching Hospital in North-Eastern India	Daunipaia Slong, Anamika Nath, Amar Jyoti Patowary, Amarantha Donna Ropmay, Ankith Rao Jonpelly, Shankar Kishnath, Prabal Das, Dev Ashis Ramu Damu, Amitav Sarma, Bhupen Barman, Himashree Bhattacharyya, Polina Baruah	Global Bioethics Enquiry 2022;	Volume 10, Issue 3, December 2022.	<p>Background: Medical education has undergone drastic changes from conventional face-to-face to online classes during the three phases of the pandemic. However, not many studies reflected the teacher's perspective. Therefore, this study is aimed at assessing the perception of medical teachers toward online teaching during the COVID-19 pandemic.</p> <p>Methodology: It was a cross-sectional questionnaire-based study containing the demographic description of the participants and the perception of the participants towards online teaching. Likert's scale for rating the answers was used for grading from one to five. These responses were entered into Microsoft Excel 2007 and analyzed accordingly. The data was expressed in frequencies and percentages.</p> <p>Results: Out of 47 participants having a mean age of 35.26 years and a mean teaching age of 6.5 years, Google Meet was the most utilized platform. 85.10% were accustomed to the devices used and 76.59% to the software. 76.59% felt the interaction with students was difficult. 57.45% of them opined that students were not attentive and 81% felt difficulty in monitoring the students. 51.06% of the teachers felt distracted during the classes. 38.30% and 6% felt online classes were as good as physical classes in dispersing theoretical and practical knowledge, respectively.</p> <p>Conclusion: The teachers were comfortable with teaching via an online platform and were</p>	<ol style="list-style-type: none"> 1. Howlett D, Vincent T, Gainsborough N, Fairclough J, Taylor N, Vincent R. 2. Integration of a case-based online module into an undergraduate curriculum: What is involved and what is effective? E-Learning 2009;6(4):372-84. 3. Greenhalgh T. Computer-assisted learning in undergraduate medical education. BMJ 2001;322(7277):40-4. 4. Kapoor A, Kapoor A, Charokar K, Mishra A, Motagi MV, Sadawarte SK. A Faculty survey about online teaching during early lockdown period of the COVID-19 pandemic in a medical college in central India. Chrismed J Health Res 2020;7(4):265-70. 5. Torda A. How COVID-19 has pushed us into a medical education revolution. Internal medicine journal. 2020 Sep;50(9):1150-3.

					accustomed to the technology. However, they felt that physical or face-to-face classes were better in comparison to online classes.	
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General Medicine

Sl no	Title	Name of Authors	Name of the International/National Journal	Date of Publication	Summary of research work	Relevant citations
1	A Prospective Study Of Etiology Of Pancytopenias In Tertiary Care Hospital	P. Prudhvi1, Balaji Prasad Ramiseti2, C. Yadavendra Reddy3, Veeranna Addanki4	International Journal Of Academic Medicine And Pharmacy	Accepted : 09/06/2023	In Our Study Vit B12 Deficiency Was The Most Common Cause Of Pancytopenia	Pancytopenia: A Clinico Hematological Study B N Gayathri And Kadam Satyanarayan Rao J Lab Physicians. 2011 Jan- Jun; 3(1): 15-20.
2	An Observational Study Of Ckd With Anaemia In Tertiary Care Centre	Balaji Prasad Ramiseti1, C. Yadavendra Reddy2, P. Prudhvi3	International Journal Of Pharmaceutical And Clinical Research 2023; 15(6); 2131-2138	Accepted: 05-05-2023	There Is A Correlation Between IDA And Heart Failure In CKD	Avni T, Leibovici L, Gafter-Gvili A. Iron Supplementation For The Treatment Of Chronic Heart Failure And Iron Deficiency: Systematic Review And Meta-Analysis. Eur J Heart Fail 2012; 14: 423- 429.
3	Correlation Of Serum Triglycerides And Ratio Of Serum Triglycerides To Hdl - C With Severity Of Ischaemic Stroke In A Tertiary Care Hospital, Southern India	Dr B. Nirmal Kumar1 , Dr Upparapalli Srinivas2 , Dr T.Sikindar Mohan3 , Dr Chennakesavulu Dara4	European Journal Of Cardiovascular Medicine	Corresponding Author Published On February 2023		
4	A Study On Asymptomatic Bacteriuria In Women With Diabetes Mellitus	Veeranna Addanki1, Kummamuru Ravi2, Srikanth Dubbaka3, Rajiv Kumar Bandaru4, T Jaya Chandra5	International Journal Of Pharmaceutical And Clinical Research 2023; 15(4); 1107-1111	Accepted On 30-03-2023	Study Showed That The Prevalence Of Asymptomatic Bacteriuria Is Higher In Diabetic Women, Age Is An Important Risk Factor. Longer Duration Of	

					Diabetes Has Increased Risk Of Asymptomatic Bacteriuria	
5	A Study On The Evaluation Of Serum Uric Acid In Patients With Essential Hypertension	Tabitha R. J. Chandrika, Chennakeshavulu Dara1 , Triveni Sagar Sandepogul , Surendra Babu Darivemula2 , Gogineni Sai Namrata3 , Vijayalakshmi N1 , Sivakumar Swetha	D Y Patil Journal Of Health Sciences	Second Author Accepted On 01.10.2022 Published On 2.6.23	There Is A Positive Correlation Between The Severity Of Hypertension And Serum Uric Acid Levels.	Doaj & Scopus
6	A Study Of 50 Patients With Acute Kidney Injury Due To Gastroenteritis	A. Umakanth1 , Veera Purushotham1 , Renuka Devi Nalluri1 , Chennakesavulu Dara2,* , Phani Krishna Telluri2 And Khizer2	Trends In Clinical And Medical Sciences	Corresponding Author Published: 30.9.2022	An Significant Electrolyte Disruption In AKI Brought On By Gastroenteritis Is Hypokalaemia.	Doaj & Scopus
7	An Observational Comparative Study Of Clinicoepidemiological Profile Of Covid-19 Patients Admitted In The Tertiary Care Hospital During First And Second Wave On Pandemic	Surendra Babu Darivemula1 , Chennakesavulu Dara2 , Triveni Sagar2 , Sudha Bala1 , Venkatesham Animalla1	Biomedical And Biotechnology Research Journal (Bbrj) Published By Wolters Kluwer - Medknow	Second Author Published On 14.3.23	The Second Wave Had Shown More Aggressive Nature In Spreading The COVID-19 Infection Than The First Wave	Doaj & Scopus

8	Correlation Of C - Reactive Protein With The Severity Of Malaria	Dr.Nithin Kumar J , M.D., 2. Dr.Chennakesavulu Dara, M.D	International Journal Of Medical Science And Current Research (Ijmscr)	2nd And Correspondin G Author Published On September 2018	CRP Can Be Considered A Reliable Tool In Assessment Of Malarial Complications.	Pubmed,Index Copernicus
9	A Study Of Intraventricular Conduction Abnormalities And Left Ventricular Hypertrophy In Systemic Hypertension	Dr. Triven Sagar Sandepogu Dr. Chennakesavulu Dara*Dr. M. Sreedhar Sharma Dr. Sunil Kumar. K	Indian Journal Of Applied Research	Second And Correspondin g Author Published On November 2018	LVH In Hypertensives Indicates The Need For More Vigilant Antihypertensive Therapy	Doaj At The Time Of Acceptance And Publication Index Copernicus
10	"A Clinical Study Of Significance Of Microalbuminuria In Essential Hypertension	Dr. B. Nirmala Kumar Dr. Chennakesavulu Dara*	Indian Journal Of Applied Research	Second And Correspondin g Author Published On February2018	A Significant Association Between Microalbuminuria And Target Organ Damage In Essential Hypertension.	Doaj At The Time Of Acceptance And Publication Index Copernicus
11	Musculoskeletal Disorders And Physiologic Changes Of Pregnancy	Dr. Chennakesavulu Dara* Dr. Bantu Pranahitha	Indian Journal Of Applied Research	Ist&Corresp onding Author Accepted On February 2018	Women Can Perform Moderate Exercise During Pregnancy Without Anticipated Harm To Fetus Or Mother.	Doaj At The Time Of Acceptance And Publication Index Copernicus
12	A Clinical Study Of Microvascular Complications In A Newly Diagnosed Diabetes Mellitus.	Dr. B. Nirmala Kumar Dr. Chennakesavulu Dara*	Indian Journal Of Applied Research	Second And Correspondin g Author Published On November 2017	Neuropathy Was Found To Be The Commonest Microvascular Complication Followed By Diabetic Nephropathy And Diabetic Retinopathy	Doaj At The Time Of Acceptance And Publication Index Copernicus
13	Dr. Chennakesavulu Dara, Et Al. International	Dr.Triven Sagar Sandepogu Dr. Chennakesavulu	International Journal Of Medical Science And Innovative Research (Ijmsir)	Second And Correspondin g Author Published On	HAART Decreases The Incidence Of Opportunistic Infections	Index Copernicus, Pubmed

	Journal Of Medical Sciences And Innovative Research (Ijmsir) A Prospective Study To Evaluate The Impact Of Highly Active Antiretroviral Therapy On Cd4 T Cell Count	Dara Dr. Thejkumar Chengalva		May 2018 2		
14	Study Of Serum Aminotransferase Levels In Dengue Fever”	Dr.Tabitha R J Chandrika Dr. Chennakesavulu Dara Dr.Gandhi Parise* Dr.Phani Krishna Telluri	Indian Journal Of Applied Research	Second Author Published On Aug 2021	Cantly Raised In All Forms Of Serum Aminotransferase Levels Are Signi Dengue Infection And It Directly Correlates With Severity Of Infection.	Doaj At The Time Of Acceptance And Publication Index Copernicus
15	Study Of Clinical Profile And Complications Of Snake Bite (80 Cases) Attending At Emergency Department Of Medicine –In A Tertiary Care Hospital	Dr. B. Vamshee Krishna Dr. G Yashwanth Reddy Dr. Charan Neeradidr. Chennakesavulu Dara	Journal Of Cardiovascular Disease Research	Corresponding Author Published On June 2022	Early Hospitalization And Timely ASV Was The Corner Stone In The Treatment Of Snakebite	Embase,Doaj
16	Frequency Of Non-Alcoholic Fatty Liver Disease In Patients Withdiabetes Mellitus In A Tertiary Care Hospital	Dr. Charan Neeradi Dr. Triven Sagar Sandepogu Dr. Nagasandhya Kattadr. Chennakesavulu Dara	European Journal Of Molecular & Clinical Medicine (Ejmcm)	Corresponding Author Published On June 2022	Early Detection And Timely Management Of NAFLD Will Help Promote Healthy Lifestyle And Prevent Long Term Complications Of The Condition.	Embase,Doaj

	From Southindia					
17	Correlation Of Serum Triglycerides And Ratio Of Serum Triglycerides To Hdl – C With Severity Of Ischaemic Stroke In A Tertiary Care Hospital, Southern India	Dr B. Nirmal Kumar ¹ , Dr Upparapalli Srinivas ² , Dr T.Sikindar Mohan ³ , Dr Chennakesavulu Dara ⁴	European Journal Of Cardiovascular Medicine	Corresponding Author Published On February 2023	TG/Hdlc Ratio Was The Independent Predictor Of The Stroke Severity	Embase,Doaj,Scopus,Pubmed
18	Prevalence Of Type-2 Diabetes Mellitus Among Pulmonary Tuberculosis: A Cross Sectional Study	Prabhakar Kuruva ¹ , Surendra Babu ² , Rakesh Gattu ³ , Chennakesavulu ⁴	International Journal Of Current Medical And Applied Sciences	4TH AUTHOR 2022 November	Important Need To Bidirectional Screening Of All Diabetes And Tuberculosis Patients.	DOAJ
19	Screening Of Asymptomatic Healthcare Workers For SARS-COV-2 For Occult Infections: A Cross-Sectional Study	Lakshmi J. Tadi , Srinivasa Rao Chunchu , Srinivas M , Saranya Mallamgunta , Ushasree Ravula , Ariyanachi K , Chennakesavulu Dara , Triven Sagar Sandepogu	CUREUS	6TH AUTHOR Published 11/07/2021	Using RT-PCR Testing, Which May Only Identify Those With A Prolonged Viral Shedding Period And Minimum Viral Loads, The Proportion Of asymptomatic/Occult Infections Could Be Underestimated.	PUBMED
20	Clinical Profile Of Acute Kidney Injury In Intensive Care Unit	Dr P Tabitha R J Chandrika ¹ , Dr Chennakesavulu Dara,	JMSCR	2nd And Corresponding Author	Acute Kidney Injury Is A Potentially Reversible Condition If Identified Early And Managed Properly	INDEX COPERNICUS
21	Audits Of Antimicrobial Usage In A Tertiary	Lakshmi Jyothi , Ariyanachi K , Saranya M ,	CUREUS	4TH AUTHOR Published	By Judicious Use Of Antibiotics, We Can Reduce The Evolution Of	PUBMED

	Care Center In Hyderabad	Chennakesavulu Dara , Varatharajan Sakthivadivel , Triven Sagar Sandepogu , Archana Gaur		01/11/2022	Antibiotic Resistance In Bacteria And Extend The Useful Life Of Antibiotics That Are Still Effective	
22	Vector-Borne Diseases Amidst COVID-19 Pandemic In India – A Mini-Review	K. Ariyanachia , Jyothi Tadi Lakshmib , Shalam Shireen Nikhatb , Meena S. Vidyac , Garapati Supriyaa , Mallamgunta Saranyad , Triveni Sagare , Kesavulu CHENNA	MAEDICA – A Journal Of Clinical Medicine	6TH AUTHOR March 2022	Risk Assessment Is Crucial To Optimize Surveillance, Preventative Measures (Vector Control), And Resource Allocation (Medical Supplies)	DOAJ, PUBMED
23	Risk Factor Analysis Among Patients With Stroke : A Cross Sectional Study At A Tertiary Care Hospital.	Rajiv Kumar B. 1 , U. Kishan2*, Arun Kumar N. 3	International Journal Of Advances In Medicine	1st Author	The Leading Cause As Well As Risk Factor For Stroke Was Found To Be Hypertension Followed By Alcohol And Smoking. All These Are Easily Preventable And Manageable. Stroke Incidence Can Be Drastically Reduced If These Three Factors Can Be Prevented Or Controlled.	Index Copernicus
24	Arterial Stiffness As A Measure Of Vascular Dysfunction In Hypertensive Wome	Akshatha Nethi1 Rajiv Kumar B2 Farheen Fatima3 Vaishali M. Pauniker3 Aswin Kumar M3 Madhuri Taranikant	Indian Journal Cardiac Diseases In Women	2nd Authhor	Arterial Stiffness Causes Vascular Dysfunction And Is Known To Be An Independent Risk Factor For Many Cardiovascular Diseases Like Ventricular Remodeling, Diastolic Dysfunction, MyoCardial	DOAJ

					Infarction, And So Forth.	
25	Effect Of Steam Inhalation Therapy As Add-On To Standard Treatment In COVID-19 Patients With Mild Symptoms	Rajiv Kumar Bandaru, Mehdi Ali Mirza1 , Swathi Suravaram2 , Sudha Bala3 , Calambur Narsimhan4 , Subramanian Muthiah4	MRIMS Journal Of Health Sciences	1st Author	The Clinical Trends Support The Use Of Steam Therapy As Add On Over Standard Treatment In Mildly Infected COVID-19 Patients.	DOAJ

General Surgery

Sl no	Title	Name of Authors	Name of the International/ National Journal	Date of Publication	Summary of research work	Relevant citations
1	USG guided pigtail catheter placement for drainage of liver abscess as a minimally invasive procedure	Gurijala Prasanth, Ballapalli Hari Prasad	International Surgery Journal June 2019 Vol 6 Issue 6	28/05/2019	Our study concludes that USG guided pigtail catheter placement for drainage of liver abscess as a minimally invasive procedure is a relatively easy and safe, cheaper procedure.	1.Thompson JE Jr, Forlenza S, Verma R. Amebic liver abscess: A therapeutic approach. Rev Infect Dis. 1985;7:171-9.2.Stain SC, Yellin AE, Donovan AJ, Brien HW. Pyogenic liver abscess. Modern treatment. Arch Surg 1991;126:991-6.3.VanSonnenberg E, Mueller PR, Schiffman HR. Ferrucci JT Jr, Casola G, Simeone JF, et al. Intrahepatic amebic liver abscesses: Indications for and results of percutaneous catheter drainage. Radiology. 1985;156:631-5.
2	A cross-sectional study among patients presenting with pain abdomen to surgical emergency and its correlation to COVID-19 infection at tertiary care teaching hospital.	Dr. S. Subhasini Rathod & Dr. Akshata Powar	European Journal of Molecular and clinical medicine, Volume 08, Issue 04	, 2021	Within the limitations of the present study, it can be concluded that the SARS-CoV-2 virus is known to produce one or more severe GI symptoms which may be treated as a surgical emergency. The cases of acute abdominal emergencies included in the study were found to be negative for COVID-19 by RTPCR. The present study did not find any correlation of COVID19 with the pain abdomen and surgical emergency.	1. Huang C, Wang Y, Li X, et al. Clinical features of patients infected with 2019 novel corona virus in Wuhan, China. Lancet 2020;395(10223):497-506. 2. Guan WJ, Ni ZY, Hu Y, et al. Clinical characteristics of corona virus disease 2019 in China. N Engl J Med 2020;382(18):1708-1720. 3. Luo S, Zhang X, Xu H. Don't overlook digestive symptoms in patients with 2019 novel corona virus disease (COVID-19). Clin Gastroenterol Hepatol 2020;18(7):1636-1637. 4. Cholankeril G, Podboy A, Aivaliotis VI, et al. High prevalence of concurrent gastrointestinal manifestations in patients with SARS-CoV-2: early experience from California. Gastroenterology 2020;159(2):775-777.
3	Relevance of Subcutaneous Fat	Ravikumar Teppa, Nandkishor	Cureus 14(1): e20946. DOI 10.7759/cureu	01/04/2022	Comparison of subcutaneous fat thickness and its impact of post operative wound	1. Townsend CM, Beauchamp RD, Evers BM, Mattox KL: Sabiston Textbook of Surgery: The Biological Basis of

	Thickness as a Risk Factor for Surgical Site Infections in Abdominal Surgeries	Sopanrao Sude , Venkata Pavan Kumar Karanam, Bhaskara Veera Prasad MallipudiCure us. 2022	s.20946		infections.	Modern Surgical Practice. Twentieth Edition. Elsevier, Amsterdam, Netherlands; 2016. 2. Allegranzi B, Nejad SB, Combescure C, Graafmans W, Attar H, Donaldson L, Pittet D: Burden of endemic health-care-associated infection in developing countries: systematic review and meta-analysis. Lancet. 2011, 377:228-41. 10.1016/S0140-6736(10)61458-4 3. Badia JM, Casey AL, Petrosillo N, Hudson PM, Mitchell SA, Crosby C: Impact of surgical site infection onhealthcare costs and patient outcomes: a systematic review in six European countries. J Hosp Infect. 2017, 96:1-15. 10.1016/j.jhin.2017.03.04
4	Endoscopic Retrieval of Ingested Foreign Bodies: A Single Surgeon Experience	Nandkishor Sopanrao Sude , Venkata Pavan Kumar Karanam	Cureus 13(11): e19293. DOI 10.7759/cureus.19293	11/05/2021	Endoscopic retrieval of foreign bodies in the UGI tract is a safe and effective modality. Early endoscopy in such patients avoids surgical intervention and reduces morbidity.	1.Green SS: Ingested and aspirated foreign bodies. Pediatr Rev. 2015, 36:430-6; quiz 437. 10.1542/pir.36-10-430 2. Omari TI, Dejaeger E, van Beckevoort D, et al.: A method to objectively assess swallow function in adults with suspected aspiration. Gastroenterology. 2011, 140:1454-63. 10.1053/j.gastro.2011.02.051 3. Blaho KE, Merigian KS, Winbery SL, Park LJ, Cockrell M: Foreign body ingestions in the Emergency Department: case reports and review of treatment. J Emerg Med. 1998, 16:21-26. 10.1016/s0736-4679(97)00229-1 4. Sugawa C, Ono H, Taleb M, Lucas CE: Endoscopic management of foreign bodies in the upper gastrointestinal tract: a review. World J Gastrointest Endosc. 2014, 6:475-81. 10.4253/wjge.v6.i10.475
5	Evaluation of Efficacy of Endovenous Radio	Venkata Pavan Kumar Karanam1 Nandkishor Sopan Rao	International Journal of Recent Surgical and Medical	2022-02-16	Endovenous RFA is a safe and effective minimally invasive modality for treating primary varicose veins.	Malhotra SL. An epidemiological study of varicose veins in Indian railroad workers from the South and North of India, with special reference to the causation and prevention of varicose

	Frequency Ablation for Varicose Veins in Industrial Workers—A Prospective Study	Sudel Prasanth Gurijala Ravi Kumar Teppal Madan H. S.1	Sciences			veins. Int J Epidemiol 1972;1(02):177–183 2 Raffetto JD, Eberhardt RT. Chronic venous disorders: general considerations. In: JohnstonWK, Corenwett JL, eds. Rutherford's Vascular Surgery. 7th ed. Philadelphia: Elsevier; 2010 pp. 831–44
6	Prospective Evaluation of Response Outcomes of Neoadjuvant Chemotherapy in Locally Advanced Breast Cancer	Ashok A. , Nandkishor Sopanrao Sude , Rakesh B.A. , Venkata Pavan Kumar Karanam	Cureus 14(2): e21831. DOI 10.7759/cureu s.21831	02/02/2022	Locally advanced breast cancer accounted for the predominant number of breast cancer patients mostly females in their middle age. Neoadjuvant chemotherapy was effective in downstaging the tumor in the majority of cases, although complete clinical response was lower in our study.	Sathishkumar K, N V, Badwe RA, et al.: Trends in breast and cervical cancer in India under National Cancer Registry Programme: an age-period-cohort analysis. Cancer Epidemiol. 2021, 74:101982. 10.1016/j.canep.2021.101982 2. Manoharan N, Nair O, Shukla NK, Rath GK: Descriptive epidemiology of female breast cancer in Delhi, India. Asian Pac J Cancer Prev. 2017, 18:1015-8. 10.22034/APJCP.2017.18.4.1015 3. The burden of cancers and their variations across the states of India: the Global Burden of Disease Study 1990-2016. Lancet Oncol. 2018, 19:1289-306. 10.1016/S1470-2045(18)30447-9
7	A RARE CASE OF PROXIMAL JEJUNOJEJUNAL INTUSSUSCEPTION IN A YOUNG FEMALE	Ravi kumar Teppa, Venkata Pavan Kumar Karanam, I, Nandkishor Sopanrao Sude, Vinay Kumar Salvadi and Madan Haravu Srikantegowda	International Journal of Medical Reviews and Case Reports (2022) 6(7):97-99	2022	Adult Intussusception is a rare entity, with 90% of the cases having a lead point. The variable presentation of this condition poses a diagnostic dilemma to the treating surgeon.	Akbulut S. Intussusception due to inflammatory fibroid polyp: a case report and comprehensive literature review. World J Gastroenterol. 2012;18(40):5745-5752. doi:10.3748/wjg.v18.i40.5745 2. Yakan S, Caliskan C, Makay O, Denecli AG, Korkut MA. Intussusception in adults: clinical characteristics, diagnosis and operative strategies. World J Gastroenterol. 2009;15(16):1985-1989. doi:10.3748/wjg.15.1985
8	LAPAROSC	Vinay Kumar	International	2021	Splenic cysts are rare lesions	Geraghty M, Khan IZ, Conlon KC. Large primary

	OPIC MANAGE MENT OF SPLENIC EPIDERMO ID CYST	Salvadi, Sudha Spandana Vaidyula, Nandkishor Sopanrao Sude and Venkata Pavan Kumar Karanam	Journal of Medical Reviews and Case Reports (2022) 6(1):13-15		encountered by general surgeons in their clinical practice. Larger cysts can present with significant symptoms and, on rare occasions, can lead to complications.	splenic cyst: A laparoscopic technique. J Minim Access Surg. 2009;5(1):14-16. doi:10.4103/0972-9941.51315 2. Comitalo JB. Laparoscopic treatment of splenic cysts. JSLS. 2001;5(4):313-316
9	PERFORAT ION OF GASTROJE JUNAL ANASTOM OTIC STOMAL ULCER - A RARE DELAYED POST OPERATIV E COMPLICA TION	Madan Haravu Srikantegowda 1, Ravi Kumar Teppa2, Vinay Kumar Salvadi2, Venkata Pavan Kumar Karanam3 and Nandkishor Sopanrao Sude3	International Journal of Surgery and Medicine (2022) 8(2):67-69	2022	Although marginal ulcers after gastrojejunostomy are not uncommon, the perforation of stomal ulcers is rare. It should be a part of differential diagnosis in an elderly patient with hollow viscus perforation and a history of surgical procedures for peptic ulcer disease.	Zittel TT, Jehle EC, Becker HD. Surgical management of peptic ulcer disease today—indication, technique and outcome. Langenbecks Arch Surg. 2000;385:84–96. 2. Zelickson MS, Bronder CM, Johnson BL, Camunas JA, Smith DE, Rawlinson D, Von S, Stone HH, Taylor SM. Helicobacter pylori is not the predominant etiology for peptic ulcers requiring operation. Am Surg. 2011;77:1054– 106
10	EPIPLOIC APPENDA GITIS AS CONTENT IN THE INGUINAL HERNIA SAC: A CASE REPORT	Ravi Kumar Teppa1 , Jayasree Gandwaid2 , Venkata Pavan Kumar Karanam3 , Nandkishor Sopanrao Sude3 and B.V Prasad Mallipudi4	International Journal of Surgery and Medicine (2022) 8(2):64-66	2022	Hypertrophied Appendices epiploicae within the inguinal hernia, although a rare entity should be considered when a strangulated inguinal hernia is encountered. However, treatment will not differ, and surgery is the treatment of choice.	1. Gibbons CE, Malhotra AK, Harvey MH. Inguinal hernia: An unusual cause of gastric outlet obstruction. Br J Hosp Med. 1994;52:360–1. 2. Fieber SS, Forman J. Appendices epiploicae: Clinical and pathological considerations. Report of three cases and statistical analysis on 105 cases. Arch Surg. 1953;66:329–38.
11	COLONIC BAROTRA	Nandkishor Sopanrao Sude	International Journal of	2023	Colonic barotrauma with air compressor abuse is a rare	1. Bains, L., Gupta, A., Kori, R. et al. Transanal high pressure barotrauma causing colorectal injuries: a case

	UMA DUE TO HIGH PRESSURE COMPRESSED AIR: A CASE SERIES AND REVIEW OF LITERATURE	*,a , Venkata Pavan Kumar Karanam *,a , Prasanth Gurijala *,a , Ravi kumar Teppa *,b , Vinay Kumar Salvadi 1,*,b and Madan Haravu Srikantegowda	Surgery and Medicine (2023) 9(2):40-43		entity commonly seen among young males employed in industrial zones. Ignorance about the hazards of abuse of such machinery and perversion are the factors leading to such incidents.	series. J Med Case Reports 13, 133 (2019). 2. Stone GW. Rupture of the Bowel Caused by Compressed Air. Lancet. 1904;164(4221):216-7
12	Internal hernia through dual effects: defects in transverse mesocolon and lesser omentum a rare presentation: case report	Venu bhargav Malpuri, Prasanth Gurijala, Bhaskar Reddy Yerolla & Krishna Ramavath, Gopising Lavudya	Int Surg J. 2022 Jan;9(1):236-238	Jan 2022	To conclude trans-mesenteric hernia with protrusion of small bowel through transverse colon mesentery is a rare entity. Timely intervention prevents morbidity and mortality.	1. Koranne MS, Banker A. Congenital Transmesenteric Hernia-Importance of a Timely Intervention. Surg J. 2020;6(2):98-100. 2. Martin LC, Merkle EM, Thompson WM. Review of internal hernias: radiographic and clinical findings. AJR Am J Roentgenol. 2006;186(3):703-17.
13	Liver Parenchymal Transection Through Radiofrequency Ablation Using a Radial Probe: Technical Report of a New	Venu Bhargava Mulpuri, 1 Prasanth Gurijala, 2 Bhaskar R Yerolla, 3 Gokul Kumar, 3 and Ashwini Dutt4	Cureus. 2021 Dec; 13(12): e20130.	2021 Dec 3	RFA assisted liver parenchymal transection reduces blood loss. The new technique using a radial probe described in this report is easily reproducible.	1. Risk factors for and outcomes of intraoperative blood loss in liver resection for hepatocellular tumors. Imai D, Maeda T, Wang H, et al. Am Surg. 2021;87:376–383. [PubMed] [Google Scholar] 2. Comprehensive application of modern technologies in precise liver resection. Qian NS, Liao YH, Cai SW, Raut V, Dong JH. Hepatobiliary Pancreat Dis Int. 2013;12:244–250. [PubMed] [Google Scholar]

	Modality					
14	The comparative study of conventional vs stapled haemorrhoidectomy	Dr. Yerrolla Bhaskar Reddy, Kotla Balaraju, Dr. Kilambi Srinivas and Dr. Lalitha K	International Journal of Surgery Science E-ISSN: 2616-3470 P-ISSN: 2616-3462 © Surgery Science www.surgeryscience.com 2020; 4(3): 04-07 Received: 12-08-2020 Accepted: 17-09-2020	2020	The followings merits of stapled haemorrhoidectomy make it a better technique than the conventional haemorrhoidectomy for managing grade II and grade III hemorrhoids such as lesser operating time, postoperative pain, analgesics required, complications like postoperative urinary retention, postoperative hemorrhage and urinary or faecal incontinence.	1. Gravié JF, Lehur PA, Hutten N, Papillon M, Fantoli M, Descottes B, et al. Stapled hemorrhoidopexy versus milligan-morgan hemorrhoidectomy: a prospective, randomized, multicenter trial with 2-year postoperative follow up. <i>Ann Surg</i> 2005;242(1):29-35. 2. Jayaraman S1, Colquhoun PH, Malthaner RA. Stapled versus conventional surgery for hemorrhoids <i>Cochrane Database Syst Rev.</i> 2006;(4):CD005393.
15	Prevalence and management of cholelithiasis: A clinical study	Dr. Yerrolla Bhaskar Reddy, Kotla Balaraju, Dr. Kilambi Srinivas and Dr. Lalitha K	International Journal of Surgery Science 2020; 4(4): 08-10	2020	Authors found that the incidence of gallstones was the highest in the 5th and 6th decades of the life with maximum incidence in the 5th decade. Gallstones disease is more common in female	1. Cynthia WKO, Sum Lee P. Epidemiology and natural history of common bile duct stones and prediction of disease. <i>Gastrointestinal endoscopy</i> 2002;56(6S):S165-9. 2. Desai R, Bahaman Shokouhi N. Common bile duct stones – their presentation, diagnosis and management. <i>Indian J Surg</i> 2009;71:22937.
16	Cross clamping of the supraceliac aorta is effective for bleeding control in	Venu Bhargava Mulpuri, Prashanth Gurijala, 1 Bhaskar Reddy Yerolla, 1 Ramavath	a case report. <i>J Vasc Bras.</i> 2022;21:e20210210.	2022 Sep 30	Giant pseudoaneurysm of the splenic artery is a rare condition that can occur secondary to pancreatitis.	1. Gupta V, Kumar S, Kumar P, Chandra A. Giant pseudoaneurysm of the splenic artery. <i>JOP.</i> 2011;12(2):190–193. [PubMed] [Google Scholar] 2. Varshney P, Songra B, Mathur S, et al. Splenic artery pseudoaneurysm presenting as massive

	ruptured giant splenic artery pseudoaneurysm when proximal and distal control of the splenic artery is not possible: a case report	Krishna, 2 Ananya Pandey, 1 and Gopinath Ramachandran 1				hematemesis: a diagnostic dilemma. Case Rep Surg. 2014;2014:501937. doi: 10.1155/2014/501937. [PMC free article] [PubMed] [CrossRef] [Google Scholar]
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Microbiology

Sl no	Title	Name of Authors	Name of the International/ National Journal	Date of Publication	Summary of research work	Relevant citations
1	Impact of conducting hand hygiene audit in COVID-19 care locations of India-A large scale national multicentric study.	HHAC Study Group, Dr. Manisha Subrao Mane, Dr Rupali Ashok Akude, Dr Mahamad Wajid, Dr Shazia Naaz	Indian J Med Microbiol. 2023 May-Jun; 43:39-48.	2023	The HHCAR was poor among all zones of India, irrespective of type of facility (private, public, teaching, non-teaching), type of HCWs (20–40% considered as poor), gender, shifts and COVID care vs non-COVID care areas. The hand hygiene adherence is poor when considering the complete steps and duration recommended by WHO but it is good when considering the partial adherence rate. The use of gloves during the pandemic and its influence over the HH adherence to be studied further. The HH adherence is increasing over time when continuous feedback is available but the sustainable adherence rate over long duration needs to be ensured by continuing the HH audit using multimodal interventions	World Health Organization. Recommendations to Member States to improve hand hygiene practices to help prevent the transmission of the COVID-19 virus: interim guidance. 1 April 2020 [Internet]. World Health Organization; 2020 [cited 2022 Jul 18]. Available from: https://apps.who.int/iris/handle/10665/331661 . 6 Pittet D, Allegranzi B, Storr J. The WHO Clean Care is Safer Care programme: field testing to enhance sustainability and spread of hand hygiene improvements. J Infect Public Health 2008;1(1):4–10. 7 Sarma JB, Ahmed GU. Infection control with limited resources: why and how to make it possible? Indian J Med Microbiol 2010;28(1):11–6. 8 Division of Healthcare Quality Promotion. The National He
2	Comparison of hand hygiene compliance among healthcare workers in Intensive care units and wards of	HHAC Study Group, Dr. Manisha Subrao Mane, Dr Rupali Ashok Akude, Dr Mahamad	American Journal of Infection. 2023 Mar;51(3):304-312.	2023	This study was conducted in large scale to highlight the practice of hand hygiene in COVID care locations across India. Thorough analysis of this kind of multicentric studies can result in drastic improvement in infection control behavior among health care workers. Large pan India data of this sort enlightens us regarding HH practices in various zones of India and local authorities can take action on escalating	1. Moore LD, Robbins G, Quinn J, Arbogast JW. The impact of COVID-19 pandemic on hand hygiene performance in hospitals. Am J Infect Control. 2021 Jan 1;49:30–33. 2. Allegranzi B, Pittet D. Role of hand hygiene in healthcare-associated infection prevention. J Hosp Infect. 2009 Dec 1;73:305–315. 3. Singhal T.

	COVID-19: A large scale multicentric study in India.	Wajid, Dr Shazia Naaz			education on hand hygiene practices. Prompt feedback, effective educational intervention, multidisciplinary campaigns supported by hospital administration are mandatory to consistently have good hand hygiene adherence. As there is no such large-scale multicentric study conducted so far in India and globally, the results of this study can be considered as national benchmark data to compare the hand hygiene compliance data of other health care facilities.	A review of coronavirus disease-2019 (COVID-19). Indian J Pediatr. 2020;87:281–286. 4. Sharma A, Ahmad Farouk I, Lal SK. COVID-19: a review on the novel coronavirus disease evolution, transmission, detection, control and prevention. Viruses. 2021;13:202.
3	Pre-surgical Screening for SARS-CoV-2 Testing in Elective Procedures in High Burden Resource Limited Settings: A Retrospective Observational Study	Swathi Suravaram, Shazia Naaz, Vivek Hada & Mahamad Wajid	National Journal of Laboratory Medicine	2023	A study done to optimise the usefulness of pre-surgical screening test for SARS-COV-2, repeat testing may be avoided in a low burden setting with timely reassessment based on local positivity rate	
4	A study of bacteriological profile and antimicrobial susceptibility pattern of bacteria isolated from blood stream infections in a tertiary care hospital	M. Wajid, Dr. Shazia Naaz	Panacea Journal of Medical Sciences	2022	Early diagnosis and appropriate treatment of bacterial infections can reduce the morbidity and mortality related to sepsis. Hence, Study done to analyse the bacteriology profile & susceptibility pattern in blood stream infections	
5	Asymptomatic	Totadhri M,	J Edu Health	2022	This study has been useful in providing insight	Cooly V, Bandaru S, Salicheemala B,

	bacteriuria of pregnant women in a tertiary care centre.	Lakshmanan A, Saraswathy M P, Mane M S.	Promot 2022;11:249		into the prevalence, risk factors, microbial profile, and drug susceptibility patterns associated with ASB. A prevalence rate of 5.33% was observed which shows that ASB is not uncommon among our study population. The maternal age of 24-27 years also showed statistically significant association with ASB prevalence. Hence, this study emphasizes the importance of screening pregnant women for ASB keeping in mind the adverse maternal and fetal outcomes that untreated ASB can cause. Making urine check-ups a routine during pregnancy will go a long way in reducing undesirable complications in the mother and infant.	Surayapalem S. Prevalence and associated risk factors of asymptomatic bacteriuria among antenatal women attending a health care center: One-year study. Int J Reprod Contracept Obstet Gynecol 2017;6:5472-6. 2. Lucas MJ, Cunningham FG. Urinary tract infection in pregnancy. Clin Obstet Gynaecol 1993;36:555-68. Farazi A, Jabbariasl M. Asymptomatic bacteriuria in pregnancy in the central region of Iran: Frequency, risk factors, and causative organisms. Clin Epidemiol Glob Health 2019;7:309-12.
6	Effect of steam inhalation therapy as add-on to standard treatment in COVID-19 patients with mild symptoms: Randomized controlled study.	Bandaru, Rajiv & Mirza, Mehdi & Suravaram, Swathi & Bala, Sudha	MRIMS Journal of Health Sciences. 10. 10.4103/mjhs. mjhs_14_22.	2022	Bandaru, Rajiv & Mirza, Mehdi & Suravaram, Swathi & Bala, Sudha & Narasimhan, Calambur & Subramanian, Muthiah. (2022). Effect of steam inhalation therapy as add-on to standard treatment in COVID-19 patients with mild symptoms: Randomized controlled study. MRIMS Journal of Health Sciences. 10. 10.4103/mjhs.mjhs_14_22.	
7	CLINICAL AND BACTERIOLOGICAL PROFILE OF SURGICAL SITE INFECTIONS (SSIs) FROM A TERTIARY	Kumari Neha Singh, Kanne Padmaja, Sukanya, Sudhaharan, Vijay D. Teja	International Journal of Current Advanced Research	28th August, 2022	Now-a-days, bacterial infections are emerging and also their resistance patterns differs, so there is a greater need to treat patients based on culture and sensitivity report. This will definitely aid us to provide accurate treatment, to avoid emergence of resistant bugs and to alleviate health care costs.	Kasukurthy, Leela & Bathala, Madhumati. (2020). Bacteriological Profile of Surgical Site Infections (SSIs)- A Study in a Tertiary Care Hospital. Journal of Evidence Based Medicine and Healthcare. 7. 1612-1616. 10.18410/jebmh/2020/338.

	CARE CENTRE					
8	Detection of SARS-CoV-2 in the air in Indian hospitals and houses of COVID-19 patients	Moharir SC, Thota SC, Goel A, Thakur B, Tandel D, Suravaram S,	Journal of Aerosol Science 2022 Aug;164:1060-02	17.04.2022	To understand the transmission characteristics of severe acute respiratory syndrome corona virus 2 (SARS-CoV-2) through air, samples from different locations occupied by coronavirus disease (COVID-19) patients were analyzed.	
9	Seroprevalence of IgG Antibodies against Rubella in Young Females in a Medical College in Chennai, India.	KJ Nandhini, Anandhi Lakshmanan, Manisha S Mane, MP Saraswathy.	Journal of Clinical and Diagnostic Research. 2022 Feb, Vol-16(2): DC11-DC14.	1 st Feb 2022	The present study shows a low level of seropositivity of protective rubella antibodies among females, particularly the medical students who were the study population. Rubella vaccination should be made mandatory for all medical students before joining the medical college. The present study helped in creating awareness among the medical students about the need and importance of vaccination. All the seronegative individuals were advised to take rubella vaccination.	Gupta S, Shahapur PR, Tehalia MK. Seroprevalence of rubella antibodies in women of reproductive age group. Natl J Lab Med. 2015;4(4):09-12. Grant GB, Reef SE, Patel M, Knapp JK, Dabbagh A. Progress in rubella and congenital rubella syndrome control and elimination—worldwide, 2000–2016. MMWR Morb Mortal Wkly Rep. 2017;66(45):1256. Thayyil J, Kuniyil V, Moorkoth AP, Rao B, Selvam P. Prevalence of rubella-specific IgG antibodies in unimmunised young female population. J Family Med Prim Care. 2016;5(3):658-62.
10	Prescription Patterns of Antibiotics Among Adult Patients in High Risk Units in A Tertiary Care Hospital.	Mayuri T, Manisha S. Mane	International Journal of Scientific Research. 2021, 10(7): 32-35.	July 2021	The 3 generation Cephalosporins were found to be highly used in high risk units. The number of higher antibiotics prescribed was low. Lower antibiotics were commonly used which is an encouraging factor. Good antibiotic prescribing measures were observed in the ICU. Such measures could be modelled and practiced in other post surgical units also. Presently, With limited or no information on diagnosis of co infections, antibiotic treatment may be indiscriminate and misinformed. There are	Surveys of health-care-associated infections: a systematic review. Pathog Glob Health. 2019 06;113(4):191–205. http://dx.doi.org/10.1080/20477724.2019.1632070 pmid: 31215326 Usluer G, Ozgunes I, Leblebicioglu H. Turkish antibiotic utilization study G. a multicenter point-prevalence study: antimicrobial prescription frequencies in hospitalized patients in Turkey. Ann Clin Microbiol Antimicrob.

					chances that patients are given antibiotics that may not be effective for the particular infection causing bacteria. It is all the more worrisome in cases when the secondary infections are caused by drug-resistant bacteria.	2005;4:16–21. doi: 10.1186/1476-0711-4-16. [PMC free article] [PubMed] [CrossRef] Shankar RP,
11	Electronic Devices - A Potential Threat to Hospital Infection Control.	SowmyaKant himathinathan*, Manisha S. Mane.	International Journal of Current Microbiology and Applied Sciences. 2018, 7(11): 1485-95.	12 th October 2018	Electronic devices were found to be reservoirs of multidrug resistant pathogenic organisms and can act as a potential source for the spread of healthcare-associated infections. The organisms on the portable devices can be taken outside the hospital environment and can spread the organisms even to community members. It is not possible to completely ban the use of mobile phones. However, it is possible to introduce strict guidelines regarding mobile phone usage and their disinfection practices in hospital settings. Better awareness of hand hygiene can be created among the healthcare workers by education. It is recommended that the infection control committee of every hospital ensures regular decontamination of personal and common electronic devices. These measures will ensure patient well-being.	Neville R, Greene A, McLeod J, Tracey A, Surie J, Tracy A, et al., Mobile phone text messaging can help young people manage asthma. <i>BMJ Br Med J (Internet)</i> . 2002; Available from: 325(7364): 600. http://www . pubmedcentral.nih.gov/articlerender.fcgi?artid=1124109&tool=pmcentrez&renderedtype=abstract Ferrer-Roca O, Cárdenas A, Diaz-Cardama A, Pulido P. Mobile phone text messaging in the management of diabetes. <i>J Telemed Telecare (Internet)</i> . 2004; 10(5):282–5. Available from: http://journals.sagepub.com/doi/10.1258/1357633042026341
12	Molecular Analysis of Dengue Virus Serotypes Circulating in Chennai, Tamil Nadu, India..	AridassDhan asezhian, Manisha S. Mane.	Journal of Clinical and Diagnostic Research.2018 Dec, Vol-12(12):8-12	1 st December 2018	Increased global travel contributes to the emergence, re emergence, and circulation of multiple serotypes in a geographical region. Circulation of multiple serotypes and concurrent infection with heterologous serotype causes the severe form of dengue diseases such as dengue hemorrhagic fever and dengue shock syndrome. In the present study, authors have detected the circulation of multiple serotypes with a high number of concurrent infections. Re-emergence and continuous circulation of genotypes were also detected in the present study. The burden of dengue disease in India and Chennai are under reported. Detailed continuous molecular	Klungthong C, Putnak R, Mammen MP, Li T, Zhang C. Molecular genotyping of [1] dengue viruses by phylogenetic analysis of the sequences of individual genes. <i>Journal of Virological Methods</i> . 2008;154(1):175-81. Mustafa MS, Rasotgi V, Jain S, Gupta V. Discovery of fifth serotype of dengue [2] virus (DENV-5): A new public health dilemma in dengue control. <i>Medical Journal Armed Forces India</i> . 2015;71(1):67-70. Bhatt S, Gething PW, Brady OJ, Messina JP, Farlow

					surveillance studies and stringent strategies based on the outcome of such studies are urgently warranted to reduce dengue-related mortalities in any given region. The major limitation of the present study was the unavailability of clinical data to correlate with the study findings.	AW, Moyes CL, et al. The [5] global distribution and burden of dengue. Nature. 2013;496(7446):504-07. Bhatt S, Gething PW, Brady OJ, Messina JP, Farlow AW, Moyes CL, et al. The [5] global distribution and burden of dengue. Nature. 2013;496(7446):504-07.
13	A Study on Acinetobacter spp isolated from various clinical samples and analysis of their susceptibility pattern at a tertiary care centre	M.Wajid, Prasanna G, Saranya Mallamgunta, Shazia Naaz	Tropical Journal of Pathology & Microbiology	10.12.2021	The study was conducted to determine the prevalence of Acinetobacter spp and antibiotic resistance with special emphasis on resistant strains (MDR, XDR) in the ICUs.	Mahamad Wajid, Prasanna Gonti, Saranya Mallamgunta, Shazia Naaz, A Study on Acinetobacter spp isolated from various clinical samples and analysis of their susceptibility pattern at a tertiary care centre. Trop J Pathol Microbiol. 2021;7(6):313-319. Available From https://pathology.medresearch.in/index.php/jopm/article/view/588
14	An Unusual Case of Candida kefyr Fungemia in an Immunocompromised Patient	Lakshmi Jyothi, Shazia Naaz	Cureus	27.03.2021	Case report of Candida Keyfr in an Immunocompromised Patient	Jyothi L, Reddy NP, Naaz S. An Unusual Case of Candida kefyr Fungemia in an Immunocompromised Patient. Cureus. 2021 Mar 27;13(3):e14138. doi: 10.7759/cureus.14138. PMID: 33791183; PMCID: PMC8001216.
15	A study on evaluation of Escherichia coli isolates in urinary tract infection and its antibiogram in view of	Md Wajid, Saranya Mallamgunta, V.Prathyusha Pedapati, Shazia Naaz,	Tropical Journal of Pathology & Microbiology 2021;7(6):272-279	10.12.2021		

	Emerging drug resistance at a tertiary care hospital					
16	The Trends of Distribution and Susceptibility profile of Methicillin resistant and Methicillin sensitive Staphylococcus aureus isolated from clinical samples at a tertiary care hospital	M Wajid, Shazia Naaz, Saranya Mallamgunta	Internal Journal of Health and Clinical Research	11.12.2021	Trend of Resistance pattern among Staphylococcus aureus, a pathogen of prime importance was studied	M Wajid, Shazia Naaz, Saranya Mallamgunta. The Trends of Distribution and Susceptibility profile of Methicillin resistant and Methicillin sensitive Staphylococcus aureus isolated from clinical samples at a tertiary care hospital. Int. J. Heal. Clin. Res.
17	Artificial Intelligence-Based Portable Bioelectronics Platform For Sars-Cov-2 Diagnosis With Multi-Nucleotide Probe Assay For Clinical Decisions	Tripathy, Suryasnata; Supraja, Patta; Mohanty, Swati; Sai, Vallepu Mohan; Agrawal, Tushant; Chowdary, Ch Gajendranath; Taranikanti, Madhuri; Bandaru, Rajiv;	Analytical Chemistry	2021	The Study Introduces A Bioelectronics Platform Utilizing Low-Cost Chemiresistive Biochips And A Portable Electronic Readout For Rapid And Inexpensive Diagnosis Of Sars-Cov-2. Achieving High Test Accuracies, Even Without Rna Extraction, The Approach Presents A Promising Candidate For Point-Of-Care Covid-19 Diagnosis, With Easy Accessibility And Portability Facilitated By An Android Application.	6

		Mudunuru, Aswin Kumar; Tadi, Lakshmi Jyothi;				
18	Comparison of antimicrobial susceptibility interpretation among Enterobacteriaceae using CLSI and EUCAST breakpoints	Suravaram Swathi, Hada V, Ahmed Siddiqui I.	Indian Journal of Medical Microbiology 2021 May 17:S0255-0857(21)	04.05.2021	Determining the difference in antimicrobial susceptibility of various antibiotics using the CLSI & EUCAST breakpoints.	

OBG

Sl no	Title	Name of Authors	Name of the International/National Journal	Date of Publication	Summary of research work	Relevant citations
1	A RESTROSPECTIVE STUDY OF MATERNAL AND FETAL OUTCOME OF VIRAL HEPATITIS IN PREGNANCY.	DR. DEEPIKA SP	THE NEW INDIAN JOURNAL OF OBGYN.2019(JULY-DECEMBER); 6(1)	JUL - DEC 2019		
2	A PROSPECTIVE OBSERVATIONAL STUDY ON EMERGENCY PERIPARTUM HYSTERECTOMY IN A TERTIARY CARE CENTRE.	DR. L. SPURTHY DARSHAN	IOSR JOURNAL OF DENTAL AND MEDICAL SCIENCES (IOSR-JDMS) VOL. 18, ISSUE 7 SER.8 (JULY. 2019), PP 30-36.	Jul 2019		
3	ADVANCED MATERNAL AGE AND ADVERSE MATERNAL OUTCOMES::EXPERIENCE FROM A LARGE INDIAN COHORT-	DR. Y. ARUNA KUMARI	INTERNATIONAL JOURNAL OF CLINICAL OBSTET & GYNECOLOGY;2020 JAN VOL(4):1;373-77	Jan 2020		
4	ROLE OF 3D ULTRASOUND IN OBJECTIVE EVALUATION OF CAESAREAN SCAR.	DR. B. SWAPNIKA	JOURNAL OF CLINICAL AND DIAGNOSTIC RESEARCH 2020 FEB. VOL. 14 (2): QC01-QC04	Feb 2020		
5	ANALYZING THE TRENDS IN CESARAEAN SECTIONS AT A TERTIARY CARE TEACHING HOSPITAL IN SOUTH INDIA-FINDINGS FROM A CLINICAL AUDIT USING ROBSONS CRITERIA	DR. Y. ARUNA KUMARI	YERRA AK ETAL.INT J REPROD CONTRACEPT OBSTET GYNECOL.2020 V APR;9(4):1463-69	Apr 2020		
6	A DESCRIPTIVE STUDY OF MANDATORY INDUCTION OF	DR. FATIMA MEHNAZ	IOSR JOURNAL OF DENTAL AND	Jan 2021		

	LABOUR BETWEEN 24 – 36 WEEKS OF GESTATION USING EXTRA AMNIOTIC FOLEY’S CATHETER ALONE VERSUS EXTRA AMNIOTIC FOLEY’S CATHETER WITH DINOPROSTONE GEL(PGE2)	NAGHMA	MEDICAL SCIENCES (IOSR-JDMS) VOL. 20, ISSUE 1 SER. 12(JAN 2021), PP 01-05.			
7	MENOPAUSE RELATED QUALITY OF LIFE AMONG URBAN WOMEN OF HYDERABAD, INDIA	DR. Y. ARUNA KUMARI	JOURNAL OF MIDLIFE HEALTH 2021 ; 12 : 161-7	Jul 2021		
8	STUDY ON UMBILICAL CORD ARTERIAL BLOOD PH & PERINATAL OUTCOME IN MECONIUM-STAINED AMNIOTIC FLUID	DR. DEEPIKA SP	JOURNAL OF CLINICAL OBSTETRICS AND GYNAECOLOGY	Aug 2021		
9	PERCEPTION OF UNDERGRADUATE MEDICAL STUDENTS TO THE EXISTING LEARNING ENVIRONMENT, INDIA	DR. Y. ARUNA KUMARI	TURKISH ONLINE JOURNAL OF QUALITATIVE INQUIRY (TOJQI), VOL 13	Jan 2022		
10	SIMULATION BASED TRAINING ON BASIC OBSTETRICS AND GYNEACOLOGY ULTRASOUND SKILLS DURING COVID PANDAMIC	DR. Y. ARUNA KUMARI, DR. APARAJITA D’SOUZA, DR. E. SWATHI	JOURNAL OF OBSTETRICS AND GYNEACOLOGY OF INDIA	Jan 2023		
11	PSYCHOLOGICAL STRESS AND QUALITY OF LIFE AMONG INFERTILE WOMEN. A MIXED METHODOLOGY STUDY AT A TERITAY HEALTH CENTER	DR. Y. ARUNA KUMARI	MRIMS JOURNAL OF HEALTH SCIENCES			
12	MID-TRIMESTER UTERINE ARTERY DOPPLER IN HIGH RISK PREGNANCY AS A PREDICTOR OF ADVERSE PREGNANCY OUTCOMES	DR. SRAVANI	NEW INDIAN JOURNAL OF OBGYN	Apr 2023		
13	PREECLAMPSIA: PREVALENCE, RISK FACTORS, AND IMPACT ON MOTHER	DR. VAIBHAV	INDIAN JOURNAL OF CARDIOVASCULAR	19-Jun-2023		

	AND FETUS	SHANDILIYA , UG Student GUIDE: DR. S. SANDHYA RANI, PROFESSOR	DISEASE IN WOMEN			
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3. CONTRIBUTED CHAPTER IN UG TEXTBOOK OF GYNAECOLOGY

SL.NO	TITLE	NAME OF AUTHORS	NAME OF THE TEXTBOOK	DATE OF PUBLICATION	DETAILS
1	RADIATION THERAPY AND CHEMOTHERAPY FOR GYNAECOLOGIC CANCER	DR. S SANDHYA RANI, PROFESSOR	ESSENTIALS IN GYNAECOLOGY - FIRST EDITION	Jan 2019	GYNAECOLOGY TEXTBOOK

Ophthalmology

Sl no	Title	Name of Authors	Name of the International/National Journal	Date of Publication	Summary of research work	Relevant citations
1	Diabetic Retinopathy among self reported Diabetics, a population based study	Dr.Madhavi	Annals of International Medical and Dental Research	Aug 2018	-	-
2	Proptosis Incidence and causes -A 2 years study	Dr.M.Radhika	Journal of Evidence Bases Medical Health (Jebmh.)	18 Mar, 2019	-	-
3	Baseline characteristics and Risk Factors for Retinal Veins Occlusions	Dr.M.Radhika	International Journal of Contemporary Medical Research (IJCMR)	Mar, 2019	-	-
4	Comparison of efficacy and safety of sutures verses Fibrin Glue versus Glue Free sutureless for conjunctival autograft Fixation in Pterygium Surgery	Dr.M.Radhika	Ophthalmology and Applied Sciences	Aug, 2019	-	-
5	Factors associated with undercorrected refractive errors in older population	Dr.Madhavi	Asian Journal of Medical Research	Mar 2019	-	-
6	Assesment of preoperative and postoperative changes in corneal astigmatism after pterygium excision by different techniques	Dr.Madhavi	Asian Journal of Medical Research	June 2020	-	-
7	Assesment of prevalence and risk factors of dry eye disease among study group	Dr.Madhavi	Asian Journal of Medical Research	Sept 2020	-	-
8	Clinical Profile of Refractive Errors Associated with Screen Time in Children Aged 5 -15 Years in a Tertiary Care Hospital of Southern India during Covid Pandemic: A Prospective Study	Dr.Navneeth Servey & Dr.NVN Prasanna Bharathi	Journal of Clinical and Diagnostic Research	Oct, 2022	-	-

Orthopedics

Sl no	Title	Name of Authors	Name of the International/National Journal	Date of Publication	Summary of research work	Relevant citations
1	Covid-19 preparedness for Orthopaedic practice in public health care system	Dr SV Mudavath, Dr VS Ravindranath, Dr Ranjith Kumar Yalamanchili, Dr Venu Madhav Vuthpala	International Journal of Orthopaedics	2020		
2	Study of functional outcome of 42 cases of Type V and VI Tibial plateau fractures treated with Fine wire fixator as a definitive procedure.	Dr V.S. Ravindranath, Dr Mettu. Sri RangaRao, Dr Boga Srinivas	Journal of Orthopaedic Case Reports	Nov-2020		
3	A study of the advantages of the new device for percutaneous entry point in greater trochanter for any intra medullary fixation of the femur compared to the conventional methods	Dr. V.S. Ravindranath, Dr B Sreekanth Rao	Medpulse- International Journal of Orthopaedics	May -2019		
4	Preservance of Functional capacity in Osteoarthritis knee in Rural and Semi-Urban Population	Dr V S Ravindranath, Dr Banda Sreekanth Rao, Dr G.V.S. Moorthy, Dr T. Prasad	Journal of Evolution of Medical and Dental Sciences	Jul-2018		
5	Articular disimpaction in acetabular fractures	Dr Ranjith Kumar Y	Journal of Clinical Orthopaedics and Trauma	Jan-21		
6	A Case Report of Osteomyelitis of Lower End of Tibia and Fibula as a Complication of Elastic Rubber Band Syndrome (Dhaga Syndrome)	Anand Reddy, Ranjith Kumar Y, Dr Venu Madhav V	Journal of Orthopaedic Case Reports	May-21		
7	Management of subtrochanteric fractures by nail osteosynthesis: a review of tips and tricks	Dr Ranjith Kumar Y	International Orthopaedics	2020		
8	The Masquelet technique in an extruded talus injury after open peritalar dislocation—A case report	Dr Ranjith Kumar Yalamanchili	Trauma Case Reports	Dec - 2021		
9	Correlation between functional and	Dr Goud V, Dr Kanamarlapudi	International Journal of Research	2020		

	radiological outcome after surgical stabilization of volar Barton fracture with plating: a comparative study.	Manoj	in Orthopaedics			
10	Evaluation of functional and radiological outcome of Type III open distal tibial fractures treated with early fixation followed by soft tissue reconstruction (fix and flap) : A prospective Study.	Dr Neerumalla P, Dr Khaleel VM, Dr Kanamarlapudi Manoj	International Journal of Orthopaedics Sciences	2020		

Pathology

Sl no	Title	Name of Authors	Name of the International/National Journal	Date of Publication	Summary of research work	Relevant citations
01	ROLE OF PLATELET PARAMETERS IN ACUTE CORONARY SYNDROME	Nabila Afsar	INTERNATIONAL JOURNAL OF SCIENTIFIC RESEARCH	June 2020	Mean platelet volumes are increased in patients with STEMI and NSTEMI. Large platelets contribute to pre thrombotic state and play a specific role in acute ischemic syndrome	01
02	ROLE OF NEUTROPHIL LYMPHOCYTE RATIO AS A PROGNOSTIC MARKER OF DENGUE	Nabila Afsar Hina Sayeed Fawwad M Shaikh Idrees Akhter Afroze	INTERNATIONAL JOURNAL OF SCIENTIFIC RESEARCH	October 2020	NLR may be used as prognostic marker in management of dengue fever as lower NLR correlates with lower platelet counts and increasing NLR is observed with improving platelet counts suggesting the normalisation of differential count. The platelet count of 60,000 with reference of NLR with cut off of 2 may be used to prognosticate the disease and take corrective therapeutic actions.	02
03	DISTRIBUTION OF BLOOD GROUP TYPE IN DIAGNOSED NS1 Ag POSITIVE DENGUE PATIENTS IN HYDERABAD, TELENGANA STATE, INDIA.	Adiba Siddiqui Nabiha Tabassum Nabila Afsar Idrees Akhter Afroze	INTERNATIONAL JOURNAL OF SCIENTIFIC RESEARCH	Nov 2020	Blood group O individuals must exercise extra caution compared to the general population since O group are more prone to develop dengue.	03
04	Cytomorphological Study of Various Thyroid Nodules as	Sharath Chandra Keshapaga Tiwari Sundari	J Evid Based Med Healthc	22-03-2021	TBSRTC helps to avoid reporting confusion and for better clarity of communication to the referring	04

	per Bethesda Criteria	Devi Byrapuram Vijaya Nirmala Durga Hari Prasanna Kumar Kalla			physician in terms that are succinct, unambiguous, and clinically useful and uniformity of terminology	
05	Trends of Central nervous system tumors and their histological subtypes in a tertiary care centre in south India	Leela rani	National Journal of Laboratory Medicine	01-04-2021	Eventhough the new WHO classification lays more emphasis on molecular diagnosis of CNS tumours this study emphasises on histomorphology still remains the first step in congruence with immunohistochemistry. Thus, this is a preliminary step for further molecular testing.	05
06	Immunoexpression of cyclin d 1 in head and neck squamous cell carcinomas- correlation with histopathological grade and clinical parameters.	Sakthidasan Chin nathambi P Kumar BD	IP J Diagn Pathol Oncol	12-05-2021	Cyclin D1 is found to be present in poorer grades of tumour differentiation (head and neck squamous cell carcinomas) and in metastatic lymph node deposits and may serve as an independent prognostic marker with therapeutic implications.”	06
07	SSStudy of cutaneous non-neoplastic lesions in punch biopsies	Chinnathambi PS Anitha Burra	IP Indian J Clin Exp Dermatol	06-05-2021	Non–neoplastic lesions of skin include a vast array of disease categories and studying them in a methodical approach, like understanding the various histopathological reaction patterns and clinical categorizations with demographic profiles helps in arriving accurate diagnosis.	07
08	Role of eosinophil count for early recognition and prognostication of	Nabila Afsar	IJMSR	July 2021	The increase in the Eosinophil count over subsequent days was related to good prognosis of covid 19 where as decrease in count related to poor	08

	covid19				prognosis. The fall in Eosinophil count or absence of Eosinophils at presentation correlated with poor prognosis.	
09	Study of variants of papillary carcinoma of Thyroid with a special emphasis on NIFTP (Non-invasive Follicular Thyroid Neoplasm with Papillary like nuclear features	N Nirmala Jyoti G V R N Krishna kanth	IP Journal of Diagnostic Pathology and Oncology	13-09-2021	The features of tumour aggressiveness like lymph node metastasis, extra thyroid extension, features of invasion have to be looked out in all the cases of PTC. Extensive tumour capsule examination is necessary in NIFTP cases.	09
10	Application of IAC Yokohama system for breast cytology – The experience at a tertiary care hospital	Aka Sunith Sharath Chandra Rambabu GVRN Krishna Kanth	IP Archives of Cytology and Histopathology Research	28-10-2021	Application of IAC Yokohama system of reporting breast cytopathology helps in easy categorization and improves the efficacy of cytopathologist. It also provides better clarity in the clinical management of the patients	10
11	Categorisation of Salivary Lesions According to the Novel Milan's System of Reporting Salivary Gland Cytopathology: A Retrospective Study	Nabila Afsar Chinnathambi PS GVRN Krishnakanth	National Journal of Laboratory Medicine	01-04-2022	The introduction of MSRSGC has to a large extent standardised the reporting patterns, obviating the limitations and diagnostic difficulties, while assisting communication between the pathologist and clinician, leading to improved patient care.	11
12	Renal lymphoma diagnosis on kidney biopsy presenting as acute kidney injury	Naguri Swapna Swain M De Padua M Gowrishankar S	Indian J Nephrol	07-05-2022	Systemic work up is necessary as acute renal insufficiency may be the primary manifestation of systemic lymphoma. Lymphomatous infiltrate of the kidney can cause acute kidney injury	12

13	Hodgkin lymphoma of skin masquerading as inflammatory breast carcinoma- a rare case report	Chinnathambi PS P Bharath Kumar	Indian journal of Pathology and oncology	05-07-2022	HL spreads to skin through 3 possible routes, viz., retrograde lymphatic spread, direct extension) and hematogenous spread. Other patterns of involvement are isolated cutaneous disease, which has an indolent behavior and very rarely as a paraneoplastic cutaneous vasculitis form, which responds well to chemotherapy	13
14	Gastrointestinal clear cell sarcoma-like tumour [CCSLGT] in an elderly patient – A rare case report	Chinnathambi PS Anitha Burra Jayashankar Erukkambattu	Indian journal of Pathology and oncology	26-08-2022	CCSLGT is a rare tumour of small intestine which may simulate a carcinoma, but microscopy reveals a sarcomatous nature. CCSLGT should be considered as a differential in evaluating a tumour showing clear cells admixed with osteoclast-like giant cells	14
15	Tubal lymphangioma associated with ectopic pregnancy: a rare case report	Chinnathambi PS Nabila Afsar	INTERNATIONAL JOURNAL OF REPRODUCTION, CONTRACEPTION, OBSTETRICS and GYNECOLOGY	03-09-2022	The uniqueness of the present case is the mystery associated with a lymphangioma that was incidentally diagnosed on a specimen clinically suspected to be a tubal pregnancy despite positive biochemical and sonological findings leading to the assumption that a fimbrial ectopic was shed into the abdominal cavity or a uterine pregnancy may have been missed	15
16	Analysis of haematological parameters of peripheral blood in COVID-19 patients with a special emphasis on D-dimer	Chinnathambi PS Tholem Sripriya GVRN Krishnakanth	National journal of laboratory medicine	1-10-2022	peripheral smear finding of these COVID-19 patients, showed neutrophils with densely vacuolated cytoplasm, reactive lymphocytes, giant platelets, platelet aggregates. Interestingly, apoptotic neutrophils were prominently noted in severely ill patients.	16

17	A study of focal and segmented glomerulosclerosis according to the Colombia classification and its correlation with clinical outcome	Naguri Swapna Swain M De Padua M Gowrishankar S	Journal of Lab physician	12-2022	FSGS is a histopathological pattern of injury and one of the leading causes of proteinuria and end-stage renal disease (ESRD) in children and adults. The extent of segmental sclerosis was higher in the collapsing and cellular variants in this study unlike other studies that showed greater segmental changes in perihilar type,7 followed by NOS,8 and then the tip variant	17
18	Somatic variants and exon level copy number changes in five hyperplastic oral leukoplakia	Anuhya appe Lov kumar Revanth k Salavadi Pradeep S Anand Swapna Naguri	Cytogenet Genome Res	01-2023	Two novel mutations identified in FAT1 tumor suppressor gene were associated with decreased transcript levels. In addition, 16 expressed cancer driver genes contained functionally damaging variants	18

Physiology

Sl no	Title	Name of Authors	Name of the International/National Journal	Date of Publication	Summary of research work	Relevant citations
1.	Academic performance depends on chronotype: Myth or reality?	Reddy IY, Nagothu RS.	Indian Journal of Clinical Anatomy and Physiology	Dec 2019	Assessment of student performance was done and correlation with chronotype was examined. No significant correlation was seen. As per this study, Chronotype does not influence the academic performance.	3
2.	Students Perception on Teaching Learning and Evaluation Methodologies applied in Physiology.	Nagothu RS, Indla YR.	International Journal of Physiology	July – Sep 2019	Feedback from Undergraduate MBBS students taken about their views on the current teaching and student evaluation methods. Based on this, it can be concluded that many changes are required for a successful outcome-based teaching – learning program.	-
3.	Effect of Metformin therapy on lipid profile in obese and non-obese women with polycystic ovarian syndrome (PCOS).	Swathi, A. & Vijayalakshmi, & Reddy, Yogananda.	Biomedicine	March 2022	Effect of Metformin on lipid profile of obese and non-obese women suffering from PCOS was studied. Metformin has an optimistic physiological effect on the BMI & lipid profile of women suffering from PCOS, hence can help control metabolic disturbances.	2
4	Effect of vitamin D supplementation on fetal growth and development in pregnant women.	V., Srilekha & Vijayalakshmi, B. & Reddy, I. & Fathima, Nayiema.	Biomedicine	Dec 2021	Effect and association of Vitamin D on/with fetal growth was studied. Significantly improved Fetal growth variables were observed post maternal supplementation with Vitamin D	-
5	Assessment of pulmonary functions in type 2 diabetes mellitus: Its correlation with glycemic control and body mass index	Santosh V Chidri, Vidya G	National Journal of Physiology, Pharmacy and Pharmacology	April 2020	The outcome of this study concludes that the pulmonary functions were reduced in Type 2 diabetes cases. It is necessary to undergo pulmonary function testing periodically in diabetic cases. Regular respiratory workouts help to strengthen respiratory muscles and firm glycemic control can improve the pulmonary function in type 2 diabetic cases.	-

6	Electrophysiological analysis of subclinical peripheral neuropathy in cases with type I diabetes mellitus	Santosh V Chidri, Vidya G	National Journal of Physiology, Pharmacy and Pharmacology	August 2020	The results of this study conclude that the assessment of routine nerve conduction velocity is beneficial in the evaluation of subclinical diabetic neuropathy. The electrophysiological analysis is the most reliable and non-invasive modalities in the early diagnosis of changes in optic pathways and peripheral sensory nerves in T1DM. Nerve conduction assessment is considered as a gold standard technique in the quick diagnosis of diabetic neuropathy.	-
7.	A Validation Study on the Physiological Parameters Recorded by COVIDBEEP - An Indigenous Remote Health Monitoring System Designed for COVID-19 Care in India	Madhuri Taranikanti, Aswin Kumar Mudunuru, Farheen Fatima et.al.	Indian Journal of Community Medicine	May 2023	Indigenous recording device made and testing of physiological parameters like Temperature, pulse rate, Respiratory rate, BP etc.. was done. This was connected wirelessly to a system which can send the data to the health care provider. Useful for remote health monitoring during the COVID – 19 Pandemic. Can also be useful for use in areas with remote access like hilly areas, during diasters like earthquake, floods etc...	-
8.	Comparative study of physiological indicators of cardiovascular fitness such as heart rate variability, Harvard step test, ankle-brachial index, and body mass index in rural and urban adolescent girls.	Prathyusha VS, Katravath S, Fatima F, Mudunuru AK, Reddy SS.	Indian Journal of Cardiovascular Disease in Women.	Sep 2022	Comparison done between urban and rural adolescent girls, with rural girls showing better results in HRV, HST & ABI.	1
9.	Surface recording of aortic pressure wave from aortic area of auscultation in women with hypertension: A new idea to indirectly	Padmambika TS, Deshpande A, Mudunuru AK, Fatima F, Reddy SS.	Indian Journal of Cardiovascular Disease in Women.	Sep 2022	New method of recording aortic (central) blood pressure was tested. Non-invasive method, which was tested on normotensive & hypertensive women.	1

	monitor aortic pressure.					
10.	Objective assessment of cardiopostural control and its improvement after yoga training using Wii Balance Board and heart rate variability in young girls with flat foot.	Upadhyayula A, Preetham BS, Mudunuru AK, Fatima F, Reddy B, Sri PSS, et al.	Indian Journal of Cardiovascular Disease in Women.	Sep 2022	Assessment of postural control & balance in adolescents with flat foot & normal subjects was done before & after 4 weeks of Yoga practice. Improved results as seen with more shift towards parasympathetic dominance was seen after Yoga practice.	-
11.	Alterations in fasting blood glucose levels in individuals exposed to high professional stress.	Dr. Farheen Fatima, Dr. D. Joya Rani, Dr. B. Chandini Rani.	Global Journal of Research Analysis	August 2020.	FBS levels were tested before & after exposure to chronic mental stress. Significantly raised blood sugar levels recorded post chronic mental stress exposure.	-
12.	Arterial Stiffness as a Measure of Vascular Dysfunction in Hypertensive Women.	Nethi, Akshatha; B., Rajiv Kumar; Fatima, Farheen; Pauniker, Vaishali M.; M., Aswin Kumar; Taranikanti, Madhuri	Indian Journal of Cardiovascular Disease in Women.	March 2020	Arterial stiffness was assessed by calculating Pulse wave velocity in normotensive & hypertensive women. Increased arterial stiffness was noted in hypertensives, which may lead to CVS complications. Intervention at an early stage will decrease CVS Morbidity & mortality.	2
13.	Association of Obstructive Parameters of Lung Functions Estimated by Spirometry with Risk Factors for Cardiovascular Disease among Women of Tertiary Care Hospital.	Kommu Kavya, Archana Mavoori, Aswin Kumar M, Farheen Fatima, Vaishali M. Pauniker, Swapna D, Madhuri Taranikanti.	Indian Journal of Cardiovascular Disease in Women.	March 2020	Association between obstructive lung disease and CVS risk indicators like HTN, Arterial stiffness was assessed in post-menopausal women. Strong association observed between severity of obstructive lung function & arterial stiffness, which indicates increased risk for CVS mortality.	-
14.	Objective Evaluation of Psychosocial Stress and Its Association with Cardiovascular	B. Shashi Preetham, Aditya Upadhyayula, Madhuri	Indian Journal of Cardiovascular Disease in	March 2020	Study was done to assess the psychosocial stress. PSS – 10 scale used to divide subject having low, medium & high levels of perceived stress. HRV was done. Increased	-

	Risk in Women.	Taranikanti, M. Aswin Kumar, Farheen Fatima, Swapna D, Srinivas M.	Women.		sympathetic activity as seen by decreased VLF, high LF & reduced HF indicate autonomic imbalance & increased risk for CVS Morbidity & mortality. Results also indicated inability to contain positive emotions compared to having negative emotions related to stress.	
15.	ABO Blood Group System and the Association with Cardiovascular Risk Factors between Men and Women with Cardiovascular Diseases—A Comparative Study.	Rachana Katna, Ch Srinivasa Rao, Aswin Kumar M, Farheen Fatima, Madhuri Taranikanti.	Indian Journal of Cardiovascular Disease in Women.	March 2020	Relation between ABO blood groups & increased risk for CVS diseases was studied. After a detailed history and physical examination, investigations for lipid profile & blood grouping was done. A significant association was observed between Blood group 'O' and Hypertension. No significant association was observed between any of the blood groups and other risk factors like serum lipid level, DM etc...	2
16.	Alteration of Red cell count in Chronic Mental Stress	Farheen Fatima, D. Joya Rani	Global Journal for Research Analysis	March 2019	Red cell count was estimated in subjects exposed to chronic mental stress. Significantly increased values were obtained, which can be a risk factor for CVS diseases.	-
17.	Pathophysiology and Clinical Presentation of COVID-19 in Children: Systematic Review of the Literature	G Vidya , M Kalpana, Katta Roja, John Ashok Nitin , Madhuri Taranikanti	(International)- Maedica	August 2021	The review found that children are generally spared from severe COVID-19 symptoms, with milder course, better prognosis, and less mortality impact compared to adults. However, special attention should be given to children with comorbidities, as they may be impending carriers and transmit the virus to adults.	4
18.	An interplay of neurotransmitters and the Gut Brain axis in Depression	M. Kalpana, G. Vidya, Roja Katta, Archana Gaur, Madhusudhan. U, Nitin Ashok John, Madhuri T	International Medical Journal	October 2021	The gut brain axis is involved in the pathogenesis of depression, with various neuro hormonal mediators acting on the brain. The gut microbiota secretes substances that communicate with the brain, supporting the role of the enteric microbiome in brain function and stress-related disorders. Animal studies have shown the influence of the gut	-

					brain axis in depression, but further research is needed to evaluate the role of each mediator in humans. First-year medical students are found to suffer from higher levels of stress, anxiety, and depression, with male students suffering the most. Student mentoring, including academic, psychic, and social counseling, may aid in stress prediction and management, improving student performance.	
19.	Impact of COVID-19 on mental health in medical students	Ravikumar.S, Katta Roja, Ashok Kumar.KKalpana M, U Madhusudhan, Vidya Ganji, Archana Gaur, Sakhthivadivel V, Madhuri Taranikanti, Nitin John	International Medical Journal	September 2022	The COVID-19 pandemic has caused numerous diseases and negative psychological impacts on the global population. A study involving 725 students from I, II, III, and final year MBBS batches found that first-year medical students suffer from higher levels of stress, anxiety, and depression. Male students were more affected, while female students had higher levels of depression and anxiety. The study suggests that student mentoring, including academic, psychic, and social counseling, can help predict and manage stress, ultimately improving student performance.	-
20.	Channeling of Brain Towards Engaging Sensorimotor Tasks for Inducing Hedonic Pleasure to Alleviate Blood Pressure in Hypertension	Madhuri Taranikanti, Aswin Kumar Mudunuru, Archana Gaur,Anzala Kauser, Sai Shriya Taranikanti, Madhusudhan Umesh,Vidya Ganji, Kalpana Medala,Roja Katta,	(International)- Annals of neurosciences	October 2022	Through a series of intricate activities, this study explores how hypertensive people adapt to demanding circumstances. According to the study, integrated exercises like the one just mentioned reduced blood pressure and heart rate, improved high-frequency component heart rate variability, and demonstrated parasympathetic dominance. The gut-brain axis affects depression, and further study is required to determine how each mediator affects people. The survey also revealed that male students have the highest levels of stress, anxiety, and depression among first-year medical students. Academic, psychic, and	-

		Varatharajan Sakthivadivel , Akhila Dronamraju and Rohith Kumar Guntuka			social counselling as well as student mentoring may help identify and manage stress while enhancing academic achievement.	
21.	Implications of lifestyle medicine in medical practice	Nitin A. John , Jyoti John, Madhuri Tarnikanti , M Kalpana , Praful Kamble , Anish Singhal , Vidya Ganji , Archana Gaur , Madhusudhan Umesh, Roja Katta, V Saktivadivel , Vandana S. Daulatabad, Vidya Singaravelu , IS. Vamishidhar	(International)- Journal of Family Medicine and Primary Care	February 2023	Lifestyle medicine in medical practice can help achieve optimum health by predicting and evaluating lifestyle behavior associations with underlying diseases. Medical practitioners should dedicate extra time to motivating, counseling, and coaching patients to adopt a healthy lifestyle, preventing chronic diseases and reducing non-communicable disease burden.	-
22.	Social Distancing and Lock-down Due to COVID-19 Impact on Sleep and Mood of Adolescents	Singh, Ruchi; Chouhan, Sunil; Shrivastava, Ragini; Rai, Nirendra Kumar; Isac, Silvyia	Journal of nature and science of medicine	Jul – Sept 2022	The unprecedented situation of countrywide lockdown with closure of physical schools, social distancing, and home confinement which arose due to COVID-19 pandemic had a significant impact on the sleep and mood of all age groups.	-
23.	Changes in Peripheral Brachial Blood Pressure from Supine to Lateral Decubitus	A Thakare ¹ , A Singhai, S Wakode, S Hulke, V	Meymersingh medical journal	Jan 2023	The study evaluates peripheral brachial blood pressure changes in normotensives and hypertensives, focusing on the impact on haemodynamics. Results show left lateral	-

	Position in Hypertensive and Normotensive Subjects	Malhotra, S Issac, M Danish			decubitus position leads to greater blood pressure reduction in normotensives.	
24.	A Study on Information Processing by Human Brain	Geetha Shavali, K. Devika	International Journal of Physiology	October 2020	1. The study concludes that on a time scale human brain tries to grasp maximum information in minimum time possible, i.e. it takes and processes the information in an analog form. Later if needed only it digitalises the information and learns the details. On a temporal framework grasping the information in an analog form gives advantage to the biological system	-
25.	Gender differences in response to cold pressor test in the age group of 18-30 years	Dr. Hasana Fatima, Dr. R. Anitha, Dr. Mudassir Mirza	International Journal of Physiology	July-September 2020	Cold Pressor test administered to record alterations in Blood pressure. It is an established challenge test of sympathetic vascular regulation. Post the CPT, BP was significantly higher in males compared to females, both the SBP & DBP responses. This is indicative of males having higher risk of developing CVS complications.	0

Paediatrics

Sl no	Title	Name of Authors	Name of the International/National Journal	Date of Publication	Summary of research work	Relevant citations
1	Clinical, Demographic, and Aetiological Profile of Liver Abscess in Children Admitted at a Tertiary Care Hospital - North India	Navya Sree Manugu , Narayana Lunavath, Ramu Pedada	<u>Journal of Evidence-Based Medicine and Healthcare</u>	Oct - 2021		
2	Culture Sensitivity Patterns and Outcome of Liver Abscess in Children Admitted at a Tertiary Care Hospital in North India	Navya Sree Manugu, Narayana Lunavath, Ramu Pedada	<u>Journal of Evidence-Based Medicine and Healthcare</u>	Oct - 2021		
3	Spectrum of Multi-Organ System Involvement in Perinatal Asphyxia at a Tertiary Care Hospital in Southern India - A Descriptive Study	Soumya Satna , Ramadevi Devagudi , Ramu Pedada , Narayana Lunavath	<u>Journal of Evidence-Based Medicine and Healthcare</u>	Aug - 2021		
4	Role Of Urinary Nitrites In Predicting Steroidresponsiveness Of Nephrotic Syndrome – A Studyconducted in Tertiary Care Center	Yerroju Kodandapani, Ajay Mohan Varahala, Rajesh Kumar Songa	International Journal of Contemporary Pediatrics	Apr - 2020		
5	A case of Paratyphoid with Diarrhea as the only symptom in a 5 year old Boy from	Dr V Raju, Dr Narayana Lunavath, Dr Laxmi Makam,	Asian Journal of Pediatric Research	2023		

	Southern Part of India	Dr G Manisha Varma				
6	The Role Of Serum Lactate And Lactate Clearance As A Surrogate Marker For Pediatric Sepsis	Avinash Japa, Narayana Lunavath, Vannala Raju, Kodandapani Yerroju	Journal of Cardiovascular Disease Research	2023		
7	Effect of antiepileptic drugs on bone metabolism in children using biochemical markers: a case control study	Gopika V Rajan, Bharathi S, Narayana Lunavath, Kodandapani Yerroju	International Journal of Contemporary Pediatrics	July - 2023		
8	Assessment of Cardiorespiratory Fitness in 8-to-15-Year-Old Children with Overweight/Obesity by Three-Minute Step Test: Association with Degree of Obesity, Blood Pressure, and Insulin Resistance	Priyanka Gupta, Brijesh Kumar, Kiran Kumar Banothu, Vandana Jain	Indian Journal of Pediatrics	Sept -2022		
9	BCG Adverse Effects in Infants- Case Series	Chakradhar Maddela	ACTA Scientific Paediatrics	Aug - 2022		
10	Atypical Mongolian spots in an infant: A harbinger of lysosomal storage disorders	Manisha Varma G, Navya Sree M, Sangeetha E, Yerroju Kodandapani	Indian Pediatrics Case Reports Journal	Nov - 2021		

Pharmacology

Sl no	Title	Name of Authors	Name of the International/ National Journal	Date of Publication	Summary of research work	Relevant citations
1	Comparative effect of intravenous nalbuphine versus intravenous paracetamol for post-operative obstetric analgesia. Natl J Physiol Pharm Pharmacol. 2020; 10(8): 625-630.	S U R, U.T.S., Harini , Goud U	Natl J Physiol Pharm Pharmacol.	2020		
2	Effect of supplementation of Vitamin C on blood glucose and glycosylated hemoglobin levels in experimentally induced diabetic rabbits. Asian J Pharm Clin Res 2020, 13, 161-165.	Vijayakrishna P, Ushasree T.S, Indira K, Avula Naveen, Shirisha S	Asian J Pharm Clin Res	2020		
3	A study of serious adverse drug reactions with antiepileptic drugs: a pharmacovigilance study. Int J Basic Clin Pharmacol 2018;7(5,S.1):922-925.	Shaima Zafer Khan, Mohammed Abid Ali, Ghulam Subhani, T. Ushasree	Int J Basic Clin pharm	2018;		
4	Hypoglycemic And Hypolipidemic Effect Of	Sharada Seekonda, TS	European journal of			

	Methonolic Seed Extract Of Embelia Robusta In Alloxan Induced Dyslipidemia In Wistar Rats. Ejbps, 2018, Volume 5, Issue 3, 520-526.	Usha Sree, K Indira, G. Padmaja, A Roja Rani	biomedical and pharmaceutical sciences			
5	Comparative study of topical application of nanosilver and human placental extract on wound healing in rabbits	Umamaheshwara Raju S. 1 , T. S. Usha Sree1 , Karuna Sree Podila2*, Vijay Krishna1	International Journal of Basic & Clinical Pharmacology	July 2017		
6	Efficacy of Bacillus clausii UBBC-07 spores in the amelioration of oral mucositis in head and neck cancer patients undergoing radiation therapy.	Mirza MA, Aruna D, Irukulla M.	Cancer Treatment and Research Communications.	25 January 2022	<ul style="list-style-type: none"> •The currently available treatment for radiation induced oral mucositis a major dose-limiting toxicity in head and neck cancer patients have not proved very efficient. •Innovative therapeutic strategies such as probiotics are being used to manage the complications that may arise from chemo and radiation therapies. •Our study showed that Bacillus clausii UBBC - 07 was safe and effective in delaying the onset, reducing the time of remission of OM and in preventing the high-grade mucositis. It may be complemented with radiation therapy to ameliorate RIOM in head and neck cancer patients. 	9
7	Vaccination saves lives: a real-time study of patients with chronic diseases and severe	Aparna Mukherjee, Gunjan Kumar, Alka	QJM: An International Journal of Medicine	1 Jan 2023	This study aims to describe the demographic and clinical profile and ascertain the determinants of outcome among hospitalized coronavirus disease 2019 (COVID-19) adult patients enrolled in the	4

	COVID-19 infection	Turuk,R K Bandaru, M A Mirza,..			<p>National Clinical Registry for COVID-19 (NCRC). Methods NCRC is an on-going data collection platform operational in 42 hospitals across India. Data of hospitalized COVID-19 patients enrolled in NCRC between 1st September 2020 to 26th October 2021 were examined.</p> <p>Results Analysis of 29 509 hospitalized, adult COVID-19 patients [mean (SD) age: 51.1 (16.2) year; male: 18 752 (63.6%)] showed that 15 678 (53.1%) had at least one comorbidity. Among 25 715 (87.1%) symptomatic patients, fever was the commonest symptom (72.3%) followed by shortness of breath (48.9%) and dry cough (45.5%). In-hospital mortality was 14.5% (n= 3957 ...</p>	
8	“A Retrospective Study on Effectiveness of Remote Patient Monitoring in Covid-19 patients	MR Kampally, MA Mirza, S Agarwal	YMER Digit	Jan 2022	<p>Corona virus disease19 has spread over the world, affecting millions of people. It has put enormous strain on the global healthcare system. Due to frequent mutations, the pandemic is spreading rapidly. The world requires a technology that will facilitate the effective diagnosis, treatment, and discharge of COVID19 patients. A model like remote patient monitoring [RPM] makes it easier to handle Covid 19 patients. RPM helps in remotely diagnosis, treatment, as well as allowing for prompt interventions. The RPM makes use of mobile technology and IoT platforms to take clinical interventions. In this study out of 151 covid19 positive subjects 91% of them were shifted to home monitoring within 5 days of MVM monitoring with few readmissions. The study investigated the effectiveness of RPM in the Indian healthcare system, as well as the performance and usability of the Vigocare mobile application by patients and doctors.</p>	1

9	Vateria indica (Linn) resin based ointment for the topical treatment of Radiation-Induced burns in cancer patients	Mehdi Ali Mirza, Masihul Hasan, Satrasala Ramesh, Mohammed Rafiq H Siddiqui, Merajuddin Khan, Mohammed Rafi Shaik, Mujeeb Khan	Journal of King Saud University- Science	7 Jan 2023	Cancer patients undergoing radiation-therapy (RT) suffer from many side-effects like dermatitis and mucositis. A simple economical and effective treatment for this condition required the preparation of an ointment to alleviate dermatological damage from radiation burns. Emphasis was laid upon finding an indigenous natural product therapy but fully authenticated by a thorough study under pharmacological guidelines. An ointment was prepared using the resin Sarja rasa (Ayurveda)/Vellaikungiliyam (Siddha)/Raal (Unani). A correlation between topical damage in RT patients and cellular dimensions was established. To circumvent poor quality controls or species contamination found in commercial sources it was felt important to locate the source of the resin and its botanical authentication. The particle size of the resin present in the ointment was ascertained using scanning electron microscopy (SEM). The resin was	
10	Comparative study on the quality of electrocardiogram and arrhythmia detection using wireless ambulatory Vigo SmartHeart Holter and conventional Holter	Sudha Bala, Mehdi Ali Mirza, Archana Mavoori, Rajiv Kumar Bandaru, Mallikharjuna Kampally, Sony Agarwal, Rishabh Chormalle	MRIMS Journal of Health sciences	20 June 2023	Background: Wireless Holter monitors can be a great alternative to the traditional wired holter monitoring potentially giving better patient outcomes. However, the technology is new and less explored for the quality of ECG wave forms. Objective: This study was taken up to compare the quality of electrocardiogram (ECG) and arrhythmia detection using a traditional Holter and a wireless ambulatory smart ECG–Vigo SmartHeart (VSH) that functions with a Mobile application. Materials and Methods: The present study was cross-sectional in nature. We enrolled the patients indicated for continuous ECG monitoring. All the enrolled patients were connected to VSH wireless Holter solution and a conventional Holter monitor simultaneously. The ECGs generated were compared through descriptive statistics such as	

					mean, standard deviation, and correlation by Pearson's correlation method.	
11	Effect of serum albumin level on high-dose methotrexate induced toxicities in acute lymphoblastic leukemia patients	Authors Mehdi Ali Mirza, D Aruna, Meher Lakshmi Konatam	International Journal of Health Sciences	March 2023	Objectives: Methotrexate (MTX) is a key therapeutic agent for leukemias. When given in high doses, leucovorin rescue is added to reduce its toxicity. It has been postulated that low albumin levels are associated with delayed clearance and increased toxicity of MTX. Hence, this prospective cohort study was proposed to evaluate the correlation between serum albumin level and HDMTX toxicity in acute lymphocytic leukemia (ALL) patients and to compare the MTX toxicity in hypo and normoalbuminemic patients. Methods: Forty-six ALL patients of either gender aged 2–40 years receiving HDMTX for 1 st time were included in the study. The serum albumin levels were measured before chemotherapy before each cycle. The patients received 24-h infusion of HDMTX on days 8, 22, 36, and 50 (four cycles). The serum concentration of MTX was measured after first cycle only. The patients were followed for toxicities that were ...	
12	Screening of Cardiac Rhythm Disorders in Women Working at Information Technology Sector Using Continuous Ambulatory Wireless Cardiac Monitoring–A Community-Based Study	Sudha Bala, Sony Agarwal, Rajiv Kumar Bandaru, Mehdi Ali Mirza, Mallikharjuna Kampally, Venkatesham Animalla, Sushma Katkuri	Indian Journal of Cardiovascular Disease in Women	Jan 2023	Objectives: The role of screening cardiac arrhythmias provides continuum of care to rediscover the causes and prevention strategies. This study was taken up to screen women working in the information and technology sector for cardiac rhythm disorders using continuous ambulatory cardiac monitoring and assess various risk factors along with work-related stress. Materials and Methods: A cross-sectional study was taken up at the workplace to screen women for cardiac rhythm disorders using wireless continuous ambulatory cardiac monitoring. Various risk factors and work-related stress were assessed using a	1

					standardized questionnaire. Differences in ECG parameters such as heart rate, heart rate variability (HRV), and frequency corrected QT (QTc) were compared on working and non-working days.	
13	Effect of steam inhalation therapy as add-on to standard treatment in COVID-19 patients with mild symptoms: Randomized controlled study	Rajiv Kumar Bandaru, Mehdi Ali Mirza, Swathi Suravaram, Sudha Bala, Calambur Narsimhan, Subramanian Muthiah	MRIMS Journal of Health Sciences	OCT 2022	Background: The different ambient temperatures of the upper and lower respiratory tract could influence the replication kinetics of the virus. Objective: This study is aimed to evaluate the effect of steam inhalation on clinical progression of COVID-19 and its subsequent impact on viral load that was evaluated in patients. Materials and Methods: A randomized control trial in mildly infected COVID-19 was undertaken. The participants were randomized either to standard treatment plus steam inhalation (test, n= 22) or standard treatment alone (control, n= 22). Steam inhalation was continued for 20 min thrice daily for 10 days. The first reverse transcription polymerase chain reaction swab was collected on day 1 before steam inhalation and the second swab was obtained after its completion on the fourth day. In the control group, the swabs were collected at the matched time-points. The clinical progression of disease and the ...	
14	Pharmacoeconomic analysis of antihypertensive drugs and evaluation of quality of life, An observational study in patients with Hypertension,GGH,Anantapuramu.	Dr. Sowmya B Dr. SrujaniJ Dr. ShanthaBai Dr. Srinivasa Rao R Dr. A. Anitha	International journal of current research	31-03-2019	Multitherapy was most frequently prescribed than monotherapy. In monotherapy Amlodipine was more cost effective than Atenolol and in multitherapy group Amlodipine with Enalapril combination was more cost effective than Amlodipine with Atenolol combination. Not much difference was observed in quality of life in patients of both groups in monotherapy and multitherapy.	International Journal of Current Research, 11(03) 2053-2057
15	Improving Awareness Regarding Knowledge And Attitude About	Dr.J.Srujani, Dr.B.Sowmya, Dr.P.Sreenivas	International journal of research and	March 2019	The overall knowledge regarding types of sexually transmitted infections and their modes of transmission among the medical students was good,	www.ijrar.org (E-ISSN 2348-1269,

	STI's / HIV Infection Among Medical Students At Government General Hospital, Ananthapuramu	anaik , DR.R.Srinivas araoDr.A.Anitha	analytical reviews		few minorities of the students held some misconceptions. There is a strong need for motivation of HIV/STI'S related education right from the beginning of medical curriculum so as to remove misconceptions among students	P- ISSN 2349-5138)
16	Intravenous Iron Sucrose: Safety and Effectiveness in Pregnant Women with Moderate to Severe Anemia.	Dr. A. Anitha Dr. K. Shanthabai Dr. Mahendran athyeruva Dr. Sowmya. B, Dr. Srujani. J Dr. R. Srinivasa Rao	IOSR Journal of Dental and Medical Sciences (IOSR-JDMS)	March 2019	In this prospective observational study our results showed that iv iron sucrose therapy was safe and effective with better compliance to manage moderate to severe anaemia in pregnancy with negligible side effects compare to oral iron therapy	(IOSR-JDMS) e-ISSN: 2279-0853, p-ISSN: 2279-0861. Volume 18, Issue 3 Ser. 4 (March. 2019), PP 47-50
17	Effect of topical 5% Natamycin in treatment of fungal corneal ulcer: A prospective study in a tertiary care teaching hospital in Telangana	Dr Abhishakth Gerhardt B S ¹	Medpulse international journal of Pharmacology	02-10-2019		
18	Evaluation of the analgesic activity of single and multiple oral doses of teneligiptin (20 mg/day), using hot air analgesiometer in healthy human volunteers: a randomized, double blind, placebo controlled, cross over study.	Butul M, Pingali U, Nutalapati C.	International Journal of Basic Clinical Pharmacology	2020	12 healthy subjects were randomised to receive placebo and teneligiptin. Mean pain threshold and tolerance was calculated on Day-1 for single dose study and Day-8 for multiple dose study at baseline, 1hr and 2 hrs post drug. Significant mean percentage change was observed in both pain threshold and tolerance from baseline to 2hr.	2
19	Impact of Drug	Soanker	Journal of	2021	All the referrals to department of clinical	

	Information Services on Promotion of Rational Use of Antimicrobial Agents: A Descriptive Retrospective Study.	Radhika, MVS Subbalaxmi, Butul Maleha, Pingali Usharani.	Clinical and Diagnostic Research.		pharmacology and therapeutics at NIMS were analysed. Significant change in Use of antimicrobial agents reduced to monotherapy or 2 drug combinations as per recommendations given by drug information services	
20	Effect of Teneligliptin versus Glimpiride on Tumour Necrosis Factor Alpha and High Sensitivity C-Reactive Protein in Type 2 Diabetes Mellitus Patients Treated with Metformin: A Randomised Double-blind Parallel Group Study.	Maleha Butul, Pingali Usharani, MVS Subbalaxmi.	Journal of Clinical and Diagnostic Research.	2022	40 type2 DM patients were randomised to receive teneligliptin and glimepiride and their Tumour Necrosis Factor Alpha and High Sensitivity C-Reactive Protein were analysed at 0,4 and 12 weeks. Significant change in reduction of TNF- α was observed in teneligliptin group.	
21	Knowledge, attitude and practicing behaviour regarding antimicrobial use and awareness of antimicrobial resistance among clinicians.	NishatS, JalalJ, ButulM, AkhterSN, SiddiquaSA.	International Journal of Research in Medical Sciences	2023	Study conducted on clinicians. Validated questionnaire was distributed to 110 participants. Data collected was analysed by chi-square test for comparisons. Clinicians were well aware of antimicrobial resistance and practised standard treatment guidelines to reduce resistance	1
22	Knowledge, attitude and practicing behavior regarding antimicrobial use and awareness of antimicrobial resistance among interns and postgraduates in a tertiary care hospital.	Nishat S, Ali MAM, Butul M, Sameen S, Siddiqua SA.	International Journal of Basic Clinical Pharmacology	2023	Study conducted on interns and post graduates. Validated questionnaire was distributed to 120 participants. Data collected was analysed by chi-square test for comparisons. Postgraduates showed better knowledge than interns but had attitude issues.	1
23	Knowledge, attitude, and practicing behavior regarding personal use of antibiotics and awareness of antimicrobial resistance	Butul M, Masood J, Misbah NS, Nishat S, Siddiqua SA.	National Journal of Physiology Pharmacy and Pharmacology	2023	Study conducted on urban and semi-urban population. Validated questionnaire was distributed to 120 participants. Data collected was analysed by chi-square test for comparisons. Most of the participants (64.6%) decreased the dose duration, missed doses and reported inappropriate	2

	in urban and semi-urban population living around tertiary care hospital.		y		use of antimicrobial agents.	
24	Perceptions and practices of self-medication among interns at Shadan Institute of Medical Sciences, Hyderabad, India.	Begum N, Butul M, Dulam S.	National Journal of Physiology Pharmacy and Pharmacology	2023	About 126 interns were given questionnaires and data was analysed and presented as frequencies and percentages. Analgesics and antipyretics were the most commonly self-medicated drugs among interns	

Plastic Surgery

Sl no	Title	Name of Authors	Name of the International/ National Journal	Date of Publication	Summary of research work	Relevant citations
1	Single Stage Reconstruction of Full Thickness Defects of Cheek with Pectoralis Major Myocutaneous Flap Using an Innovative Flap Technique	Baswa Mani Kumari ¹ , G. T. Jonathan ¹ , Suhasini Gazula ²	Indian Journal of Surgical Oncology	03 December 2021	The PMMC flap offers an effective reconstructive option for combined mucosal and skin defects in oral cancers and our modification of elevation of the PMMC flap prevents shearing, thus minimizing necrosis. Our modification has been found to be very useful in elderly individuals, especially in elderly female patients where micro vascular surgery is not a feasible option.	https://doi.org/10.1007/s13193-021-01482-7
2	Simulation of Reconstructive Microsurgery in Soft Embalmed Cadavers: A Teaching Module for Plastic Surgery Residents	Baswa Manikumari ¹ , Sasidhar Reddy Jaggavarapu ¹ , Kakumanu Subha ¹ , Tumma Kalpana ¹ , Roopesh Kumar Nambimuni ¹ , Prajakta Kishve ² , P Bheemesh ²	Indian Journal of Plastic surgery	9 th October 2022	As a part of evolution of resident training in plastic surgery especially reconstructive microsurgery, incorporating dissection on soft embalmed cadavers as an in-house teaching module as and when the cadavers are available is need of the hour. Further research into better ways of including cadaver training into plastic surgery teaching and exploring suitable objective measures of improvement in skills of the participating residents is necessary.	DOI: 10.1055/s-0042-1750375

Pulmanology

Sl no	Title	Name of Authors	Name of the International/National Journal	Date of Publication	Summary of research work	Relevant citations
1	Mood et al, clinico-radiological profile of pulmonary tuberculosis with diabetis mellitus among patients attending teritary care teaching hospital, Int J Med Res Health Sci 2021.10(8):27-36	Dr.Mood Narayan	International Journal of Medical Research & Health Sciences	16-05-2021		International Journal of Medical Research & Health Sciences, 2021, 10(8): 27-36
2	A clinical study of pleural effusion and its radiological, biochemical, bacteriological and cytological correlation	Dr.Mood Narayan	D Y Patil Journal of Health Sciences	22-02-2023		Narayan M, Karre S, Darivemula SB. A clinical study of pleural effusion and its radiological, biochemical, bacteriological, and cytological correlation. D Y Patil J Health Sci 2022;10:116-20.
3	scimitar syndrome with unilobar right lung- a case report	Dr.Mood Narayan	International Journal of Medical Reviews and Case Reports	18-07-2021		Narayan Mood / International Journal of Medical Reviews and Case Reports (2021) 5(13):1-4
4	Mood et al, clincobacteriological profile and antibiotic resistance pattern in patients with acute exacerbations of copd, . The Egyptian Journal of Internal Medicine (2022) 34:13	Dr.Mood Narayan	The Egyptian Journal of Internal Medicine	28-01-2022		Mood et al. The Egyptian Journal of Internal Medicine (2022) 34:13
5	Aruna kumara badam et	Dr.Mood	International Journal	28-12-		Aruna Kumari Badam et al (2021) 'Screening

	alscreenig for patients with high risk for osa, International Journal of Current Advanced Research Vol 10, Issue 12 (A), pp 25597-25603, 2021	Narayan	of Current Advanced Research	2021		For Patients At High Risk For Obstructive Sleep Apnoea: A Community Based Survey', International Journal of Current Advanced Research, 10(12), pp. 25597-25603
6	Kumar et al "Study of Etiology and outcome of Acute Kidney Injury in a Tertiary Care Hospital from South India" International Journal of Health and Clinical Research, 2021; 4(22):301-305 www.ijhcr.com	Dr.Mood Narayan	International Journal of Health and Clinical Research,	14-12-2021		Kumar et al International Journal of Health and Clinical Research, 2021; 4(22):301-305
7	PERCEPTION OF UNDERGRADUATE MEDICAL STUDENTS ATTENDING TB AND CHEST DISEASES CLINICAL POSTINGS ON ASSESSMENT OF RESPIRATORY SYSTEM EXAMINATION	Dr.Mood Narayan	INTERNATIONAL JOURNAL OF CURRENT MEDICAL AND PHARMACEUTICAL RESEARCH	28-01-2022		Aruna Kumari B et al (2022) 'Perception of Undergraduate Medical Students Attending Tb Postings on Assessment of Respiratory System Examination Using Mini Cex Pharmaceutical Research, 08(01),pp 16-18

	USING yes MINI CEX					
8	DOES NICOTINE CAUSE THE BRAIN TO RELEASE ADRENALINE AND TO START WITH CREATES BUZZ OF PLEASURE, AND FINALLY LEADS TO DISPLEASURE?	Dr.Mood Narayan	International Journal of Current Advanced Research	28-05-2022		Raghavendra Rao M.V et al (2022) 'Does nicotine cause the Brain To Release Adrenaline And To Start With Creates Buzz of Pleasure, And Finally Leads To Displeasure?', International Journal of Current Advanced Research, 11(05), pp. 965-969
9	METICULOUSLY, KEEP AN EYE ON WORMY LUNG INFECTIONS	Dr.Mood Narayan	INTERNATIONAL JOURNAL OF CURRENT MEDICAL AND PHARMACEUTICAL RESEARCH	2022		
10	Efficacy of 7.5% povidone-iodine and 1% clotrimazole in the treatment of otomycosis – A prospective randomized study	Dr.Mood Narayan	National Journal of Physiology, Pharmacy and Pharmacology	24-12-2021		Praveen SV, Munagala K, Mood N, Baddam GS. Efficacy of 7.5% povidone-iodine and 1% clotrimazole in the treatment of otomycosis – A prospective randomized study. Natl J Physiol Pharm Pharmacol 2022;12 (Online First). DOI:10.5455/njppp.2022.12.12451202124122021
11	Dr. Narayan Mood, et. al “Clinical Profile and Risk Factors of Bronchial Asthma: A Cross Sectional Study From Tertiary Health Care Center In India.”IOSR Journal of Dental and Medical Sciences (IOSR-JDMS), 20(06), 2021, pp. 47-53	Dr.Mood Narayan	IOSR Journal of Dental and Medical Sciences	13-06-2021		Dr. Narayan Mood, et. al “Clinical Profile and Risk Factors of Bronchial Asthma: A Cross Sectional Study From Tertiary Health Care Center In India.”IOSR Journal of Dental and Medical Sciences (IOSR-JDMS), 20(06), 2021, pp. 47-53

12	Prabhakar, K., Gattu, R., Reddy, K. S., Mood, N., & Kumari, B. A. (2022). Diagnostic role of fiberoptic bronchoscopy in various respiratory diseases at esic medical college hospital Sanath Nagar. International Journal of Health Sciences, 6(S9), 3125–3131.	Dr. Mood Narayan	International Journal of Health Sciences	27-08-2022		Prabhakar, K., Gattu, R., Reddy, K. S., Mood, N., & Kumari, B. A. (2022). Diagnostic role of fiberoptic bronchoscopy in various respiratory diseases at esic medical college hospital Sanath Nagar
13	A comparative study on COVID-19 disease severity and outcome among patients admitted before and after vaccination at tertiary care hospital	Dr. Mood Narayan	Journal of Family Medicine and Primary Care	29-05-2023		Mood N, Darivemula SB, Shravani S, Kavyasri K, Kiran JR. A comparative study on COVID-19 disease severity and outcome among patients admitted before and after vaccination at tertiary care hospital. J Family Med Prim Care 2023;XX:XX-XX
14	An Oral Galectin Inhibitor in COVID-19—A Phase II Randomized Controlled Trial	Dr. Surendar Reddy	Vaccines	25-03-2023		: Sigamani, A.; Mayo, K.H.; Miller, M.C.; Chen-Walden, H.; Reddy, S.; Platt, D. An Oral Galectin Inhibitor in COVID-19—A Phase II Randomized Controlled Trial. Vaccines 2023, 11, 731. https://doi.org/10.3390/vaccines11040731
15	Evaluation of Biomass Exposure-Associated Chronic Obstructive Pulmonary Disease at a Tertiary Care Hospital	Dr. Surendar Reddy	Insights in Chest Diseases			Rao K, Vamshi K, Bhaskar L, Reddy KS, Waghray P (2018) Evaluation of Biomass Exposure-Associated Chronic Obstructive Pulmonary Disease at a Tertiary Care Hospital. Insights Chest Dis Vol.3 No.1:2
16	ROLE OF THORACOSCOPY IN UNDIAGNOSED PLEURAL EFFUSIONS	Dr. Surendar Reddy	Jemds.com	05-03-2018		Kumar KR, Reddy KS, Yugaveer K, et al. Role of thoracoscopy in undiagnosed pleural effusions. J. Evolution Med. Dent. Sci. 2018;7(10):0000-0000, DOI: 10.14260/jemds/2018/0000

17	Prevalence of Type-2 Diabetes Mellitus among Pulmonary Tuberculosis: A Cross sectional Study	Dr.Rakesh Gattu	International Journal of Current Medical And Applied Sciences,	12-2022		Prabhakar Kuruva, Surendra Babu, Rakesh Gattu & Chennakesavulu. Prevalence of Type-2 Diabetes Mellitus among Pulmonary Tuberculosis- A Cross sectional Study. International Journal of Current Medical and Applied sciences; 2022, 36(3), 35-38.
18	Diagnostic role of fiberoptic bronchoscopy in various respiratory diseases at esic medical college hospital Sanath Nagar	Dr.Rakesh Gattu	International Journal of Health Sciences	04-10-2022		Prabhakar, K., Gattu, R., Reddy, K. S., Mood, N., & Kumari, B. A. (2022). Diagnostic role of fiberoptic bronchoscopy in various respiratory diseases at esic medical college hospital Sanath Nagar. International Journal of Health Sciences, 6(S9), 3125–3131. https://doi.org/10.53730/ijhs.v6nS9.13223
19	clinico-radiological profile and treatment outcome of pulmonary tuberculosis with and without type 2 DM	prabhakar k				
20	IS CANNABIS SATIVA, THE MIND ALTERING NIGHTMARE PLANT OF THE WORLD?	Dr.aruna kumari				
21	Clinical Profile and Risk Factors of Bronchial Asthma: A Cross Sectional Study From Tertiary Health Care Center In India.	Dr.aruna kumari				
22	THE CROSSING OF UNCONTROLLED DIABETES MELLITUS AND	Dr.aruna kumari				

	HORRIBLE COVID-19 UPSHOT THE HURRICANE FOR BLACK FUNGUS					
23	Parasitic Lung Diseases Death and Dilemma	Dr.aruna kumari				
24	CLINICAL PROFILE OF PATIENTS WITH OPPORTUNISTIC INFECTIONS IN HIV AT AIMSR, HYDERABAD, TELANGANA	Dr.aruna kumari				
25	PREVALENCE AND RISK FACTORS FOR HOSPITAL- ACQUIRED INFECTIONS "CLEAN CARE IS SAFER CARE	Dr.aruna kumari				
26	A REFLECTION ON HIV/AIDS RESEARCH	Dr.aruna kumari				

Psychiatry

Sl no	Title	Name of Authors	Name of the International/National Journal	Date of Publication	Summary of research work	Relevant citations
1.	Impact of alcohol based hand sanitizer use during the COVID 19 pandemic on Disulfiram treatment: practice experiences among Psychiatrists.	Naveen Kumar Dhagudu , Pallavi M, Gouthami B, Narapureddy BR, Reddy M, Attili S, Muzammil K, Nasir N, Reddy LK	Indian Journal of Community Health	312022 December	Naveen Dhagudu , Pallavi M, Gouthami B, Narapureddy BR, Reddy M, Attili S, Muzammil K, Nasir N, Reddy LK. Impact of an Alcohol-based hand sanitizer usage during COVID-19 pandemic on disulfiram treatment: A South Indian psychiatrist's practice experiences. Indian Journal of Community Health. 2022 Dec 31;34(4):549-53. DOI link: https://doi.org/10.47203/IJ Impact of alcohol based hand sanitizer use during the COVID 19 pandemic on Disulfiram treatment: practice experiences among PsychiatristsCH.2022.v34i04.018	Dhagudu NK, Pallavi M, Gouthami B, Narapureddy BR, Reddy M, Attili S, Muzammil K, Nasir N, Reddy LKV.. 2022 Dec. 31 [cited 2023 Jul. 28]; 34(4):549-53. Available from: https://www.iapsmupuk.org/journal/index.php/IJCH/article/view/2472
2.	Alcohol use disorder, injuries and management in emergency setting: An explorative, prospective pre and post interventional design.	Naveen Kumar Dhagudu, Bayap Reddy ,Satish Kumar, Sireesha Devarapalli,Navya sree Enuguthala, Santhosmita			Research work is yet to be published	
3.	A study on differential effect of biofeedback experiential session on physiological	Sariki Alekhya, Naveen Kumar Dhagudu			Research work is yet to be published	

	markers on problematic internet users among the medical students: A randomized case control design.					
4.	A Comparative study on Social adjustment and quality of life among patients with alcohol dependence and healthy individuals living in urban area.	Naveen Kumar Dhagudu, Jelli Mayurnath Reddy, Banothu Aditya			Research work is yet to be published	
5.	A case control study of cognitive distortions and quality of sleep in covid-19 patients admitted in a tertiary care hospital	Siva Anoop Yella and Gireesh Kumar M	International Journal of recent scientific research	28 April 2022	Siva Anoop Yella and Gireesh Kumar M.2022, A Case Control Study of Cognitive Distortions And Quality of Sleep In Covid-19 Patients Admitted In A Tertiary Care Hospital. Int J Recent Sci Res. 13(04), pp. 840-847. DOI: http://dx.doi.org/10.24327/ijrsr.2022.1304.0181 Published in international journal of scientific research	Siva Anoop Yella and Gireesh Kumar M.2022, A Case Control Study of Cognitive Distortions And Quality of Sleep In Covid-19 Patients Admitted In A Tertiary Care Hospital. Int J Recent Sci Res. 13(04), pp. 840-847. DOI: http://dx.doi.org/10.24327/ijrsr.2022.1304.0181
6.	Complications as through presentation in pentazocine dependence among the healthcare personnel: A case series from consultation-liaison addiction psychiatry	Naveen Kumar Dhagudu, Satish Attili	Archives of Mental health, Official Publication of Indian Psychiatric Society , AP	17 May 2022	Naveen Kumar Dhagudu, Satish Attili. Complications as through presentation in pentazocine dependence among the healthcare personnel: A case series from consultation-liaison addiction psychiatry. Arch Ment Health [Pub ahead of print] [cited 2023 Jul 28]. Available from: https://www.amhonline.org/preprintarticle.asp?id=345400	Dhagudu NK, Attili S. Complications as through presentation in pentazocine dependence among the healthcare personnel: A case series from consultation-liaison addiction psychiatry. Arch Ment Health [Epub ahead of print] [cited 2023 Jul 28].
7.	Alcohol Induced Delirium: An explorative research	Navya Enuguthala, Naveen Kumar			Research work is currently ongoing	

	through Clinical, Biochemical, Autonomic Markers	Dhagudu(Guide), Sampath Kumar(Guide)				
8.	A Double-Blind Randomised Study With Repetitive Transcranial Magnetic Stimulation (rTMS) And Nicotine Replacement Therapy (NRT) Versus Nicotine Replacement Therapy (NRT) Alone On Cue Induced Craving Of Both Smoke And Smokeless Tobacco Users	Santhosmita, Naveen Kumar Dhagudu (Guide)			Research work is currently ongoing	
9.	Is there enough naloxone to deter the diversion? Effect of concurrent administration of intravenous naloxone on opioid agonist effects of intravenous buprenorphine: A randomised, double-blind, within-subject, crossover study among opioid-dependent subjects	Naveen Kumar Dhagudu, Ambekar Atul, Alok Agrawal, Rao R, Mishra AK, Jain R, Singh S.	Australasian Professional Society on Alcohol and other Drugs (APSAD), Drug and Alcohol Review	March 11 2020	Randomised Control Trial, Naveen Kumar Dhagudu, Naveen Kumar Dhagudu, Ambekar Atul, Alok Agrawal, Rao R, Mishra AK Is there enough naloxone to deter the diversion? Effect of concurrent administration of intravenous naloxone on opioid agonist effects of intravenous buprenorphine: A randomised, double-blind, within-subject, crossover study among opioid-dependent subjects. Drug Alcohol Rev. 2020 Jul;39(5):595-603. doi: 10.1111/dar.13057. Epub 2020 Mar 11. PMID: 32162420.	Dhagudu NK, Ambekar A, Agrawal A, Rao R, Mishra AK, Jain R, Singh S. Is there enough naloxone to deter the diversion? Effect of concurrent administration of intravenous naloxone on opioid agonist effects of intravenous buprenorphine: A randomised, double-blind, within-subject, crossover study among opioid-dependent subjects. Drug Alcohol Rev. 2020 Jul;39(5):595-603. doi: 10.1111/dar.13057. Epub 2020 Mar 11. PMID: 32162420.
10.	Prevalence and	Naveen Kumar	Telangana Journal	12 January	Cross sectional study,	Dhagudu NK, Reddy M, Kumar

	profile of adult attention deficit hyperactive disorder in alcohol use disorder: An explorative study	Dhagudu, Mayurnath Reddy, Omesh Kumar	of Psychiatry	2022	Naveen Kumar Dhagudu, Mayurnath Reddy, Omesh Kumar, Prevalence and profile of adult attention deficit hyperactive disorder in alcohol use disorder: An explorative study. Telangana J Psychiatry [serial online] 2021 [cited 2023 Jul 28];7:94-100. Available from: https://tjipstsb.org/text.asp?2021/7/2/94/335647	O. Prevalence and profile of adult attention deficit hyperactive disorder in alcohol use disorder: An explorative study. Telangana J Psychiatry [serial online] 2021 [cited 2023 Jul 28];7:94-100. Available from: https://tjipstsb.org/text.asp?2021/7/2/94/335647
11.	Covid-19 pandemic implications from an addiction perspective	Naveen Kumar Dhagudu , E. Omesh Kumar	Research Gate, Telangana Journal Of Psychiatry	November 2020	Naveen Kumar Dhagudu , E. Omesh Kumar. Covid-19 pandemic implications from an addiction perspective. Telangana J Psychiatry. 2020; 6(1):102-103.	Dhagudu N K, Kumar E O, Covid-19 pandemic implications from an addiction perspective. Telangana J Psychiatry 2020;6(1):102-103
12.	An Explorative Study On Sleep Parameters In Individuals With Alcohol Use Disorder	Sadiya Saman, Naveen Kumar Dhagudu (Guide)			Research work is currently ongoing	
13.	Ketamine Infusion Therapy For Rapid And Sustained Response In Acute Suicidality: A Double Blind, Randomised Placebo Controlled Trial.	Vinil Marwel Gundu , Naveen Kumar Dhagudu (Guide)			Research work is currently ongoing	
14	Children with Intellectual Disability, Impact on Caregivers	Ravindranath, Nikhil, Bunga, Divija; Manchala, Hrishikesh Giriprasad	Indian Journal of Social Psychiatry	April 2020	A Cross-Sectional Study Bunga, Divija; Manchala, Hrishikesh Giriprasad ¹ ; Ravindranath, Nikhil ² ; Shankar, Uma Author Information Indian Journal of Social Psychiatry 36(2):p 151-156, Apr-	Bunga, Divija; Manchala, Hrishikesh Giriprasad ¹ ; Ravindranath, Nikhil ² ; Shankar, Uma. Children with Intellectual Disability, Impact on Caregivers: A Cross-Sectional Study. Indian Journal of Social

					Jun 2020. DOI: 10.4103/ijsp.ijsp_81_19	Psychiatry 36(2):p151-156, Apr–Jun 2020.
15	A cross-sectional comparative study of problematic internet use and associated depression in private and Government school students in rural and urban areas	Nikhil Ravindranath Vivaswan Boorla, Sireesha Srinivasarao, Tondehal, Sumedha	Telangana Journal of Psychiatry	November 2020	Cross sectional study, Nikhil Ravindranath, Boorla, Vivaswan & Srinivasarao, Sireesha & Tondehal, Nikhil & Sumedha, A cross-sectional comparative study of problematic internet use and associated depression in private and Government school students in rural and urban areas of Telangana.	,. (2020). A cross-sectional comparative study of problematic internet use and associated depression in private and Government school students in rural and urban areas

Radiology

Sl no	Title	Name of Authors	Name of the International/National Journal	Date of Publication	Summary of research work	Relevant citations
1	Dynamic MR Evaluation of Breast Lesions: A Single Centre Prospective Study	Swarnalatha Seelam , Vineela Rekha Vidavaluru, Vinay Kumar Ravilala	International Journal of Contemporary Medicine Surgery and Radiology. 2020;5(1):A179-A185	January-March 2020	Breast MR imaging improved the evaluation of the lesion by means of kinetic curve analysis and detected multifocal, multicentric and lesions in contra lateral breast. MRI differentiated between postoperative scar and Recurrent lesions even in the high risk and dense breast cases.	Index Copernicus
2	Intra-articular Traumatic Knee Joint Evaluation using 3T MRI: A Prospective Study	Vineela Rekha Vidavaluru , Swarnalatha Seelam , Praveena Goura , Vinay Kumar Ravilala	International Journal of Anatomy, Radiology and Surgery. 2020 Oct, Vol-9(4): RO06-RO11	2020 Oct	A 3T MRI improves the diagnostic accuracy of cruciate and meniscal injuries due to improved Signal-to-Noise Ratio (SNR), spatial resolution.	DOAJ (Director of open Access Journals) Index
3.	The Tolosa-Hunt syndrome-Role of MR imaging	Anurudh Kishore Vatti, Swarnalatha Seelam, Naveen Basireddy, Vineela Rekha Vidavaluru	Journal of Dr. NTR University of Health Sciences	October-December 2020	THS diagnosis is based on clinical manifestations, MRI findings, rapid response to steroids, and exclusion of other causes of CS involvement. CE-MRI plays a vital role in the early diagnosis of this sight-threatening disorder	DOAJ (Director of open Access Journals) Index
4.	Imaging in Spinal DysraphismA Pictorial Assay	Anurudh Kishore Vatti, Swarnalatha Seelam, Vineela Rekha Vidavaluru	International Journal of Anatomy Radiology and Surgery. 2021 Oct, Vol-10(4): RR01-RR07	2021 Oct	Congenital malformations of the spine and spinal cord have a complex and variable imaging appearance.	DOAJ (Director of open Access Journals) Index
5.	Radiologist as the	Vineela Rekha	International Journal of	October-	By suspecting GGS in the	Index

	Crux of Management in Incidentally Detected Gorlin-Goltz Syndrome: Case Series	Vidavaluru, Swarnalatha Seelam, Anurudh Kishore Vatti, Leela Rani Veeramachineni	Contemporary Medicine Surgery and Radiology. 2021;6(4):D1-D8.	December 2021	presence of triggering imaging findings, a radiologist can alert the clinician for evaluation of the skin lesions. Thus safeguarding the patient from morbidity and mortality caused by BCC, which is a hazardous entity amongst all the other syndromic components.	Copernicus
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Paediatric Surgery

Sl no	Title	Name of Authors	Name of the International/National Journal	Date of Publication	Summary of research work	Relevant citations
1	A Prospective Randomized Controlled Study.	Gooty S, Pula R, Thakur N, Gazula S. (2023).	A Prospective Randomized Controlled Study.	2023		Gooty S, Pula R, Thakur N, Gazula S. (2023). Comparison of Accuracy of Ultrasound Measurement of Subglottic Diameter Versus Conventional Age Based Formula for Estimating Endotracheal Tube Size for Pediatric Surgical Patients- A Prospective Randomized Controlled Study. Sri Lankan Journal of Anaesthesiology. 31. 65. 10.4038/slja.v31i1.9030.
2	Journal of Cutaneous and aesthetic surgery	Gazula S , Kumar M, Noonavath R, Kumar N, Dantala P , Maddileti	Journal of cutaneous and aesthetic surgery	2022		Gazula S , Kumar M, Noonavath R, Kumar N, Dantala P , Maddileti V (2022). Efficacy of Intralesional Aqueous Bleomycin in Treatment of Pediatric Lymphatic Malformations. Journal of cutaneous and aesthetic surgery. 15. 244-248. 10.4103/JCAS.JCAS_191_21.
3	Primary care of preputial adhesions in children – a retrospective cohort study.	Maddileti V, Gazula S , Dantala P.	Primary care of preputial adhesions in children – a retrospective cohort study.	2022		Maddileti V, Gazula S , Dantala P. Primary care of preputial adhesions in children – a retrospective cohort study. Malaysian Family Physician, 2022 17. 52-56. 10.51866/oa.27.
4	J Indian Assoc Pediatr Surg	Maddileti V, Gazula S.	J Indian Assoc Pediatr Surg	2022		Maddileti V, Gazula S. Pediatric malignant sacrococcygeal germ cell tumor with intraspinal extension. J Indian Assoc Pediatr Surg 2022;27:391-4
5	Indian J Surg Oncol	Kumari BM, Jonathan GT, Gazula S	Indian J Surg Oncol	2022		Kumari BM, Jonathan GT, Gazula S. Single Stage Reconstruction of Full Thickness Defects of Cheek with Pectoralis Major Myocutaneous Flap Using an Innovative Flap Technique. Indian J Surg Oncol. 2022 Jun;13(2):377-382.
6	J Pediatr Hematol	Maddileti V,	J Pediatr Hematol	2022		Maddileti V, Gazula S , Dantala P. An Unusual Presentation

	Oncol	Gazula S, Dantala P	Oncol			of Sacrococcygeal Germ Cell Tumor With Autoimmune Hemolytic Anemia as a Paraneoplastic Syndrome. J Pediatr Hematol Oncol. 2022 Jul 1;44(5):e911-e913.
7	Dietl's crisis: an underappreciated clinical entity in the paediatric population	Maddileti V, Gazula S, Dantala P	Dietl's crisis: an underappreciated clinical entity in the paediatric population	2021		Maddileti V, Gazula S, Dantala P , et al. Dietl's crisis: an underappreciated clinical entity in the paediatric population. BMJ Case Rep 2021;14:e244943.
8	J Indian Assoc Pediatr Surg	Maddileti V, Gazula S, Dantala P	J Indian Assoc Pediatr Surg	2021		Maddileti V, Gazula S, Dantala P , et al (2021). Parametatal urethral cyst in a 9-year-old boy. Tropical Doctor. 52. 004947552110552. 10.1177/00494755211055249
9	J Indian Assoc Pediatr Surg	Gazula S , Varunkumar M, Praveena DL	J Indian Assoc Pediatr Surg	2021		Gazula S , Varunkumar M, Praveena DL , et al. Cowper's syringocele: A rare cause of new-onset voiding dysfunction. J Indian Assoc Pediatr Surg 2021;26:358-9
10	Indian Journal of Surgical Oncology.	Gazula S , Teja N, Mathur N, Srinivas M	Indian Journal of Surgical Oncology.	2020		Gazula S , Teja N, Mathur N, Srinivas M . (2020). Teratoma of Hepatoduodenal Ligament in Infancy: Precarious Location Posing a Grave Surgical Challenge. Indian Journal of Surgical Oncology. 11. 10.1007/s13193-020-01138-y.
11	International Journal of Health Sciences and Research. Int J Health Sci Res	Pula R, Suravaram S, Thakur N, Gazula S	International Journal of Health Sciences and Research. Int J Health Sci Res	2020		Pula R, Suravaram S, Thakur N, Gazula S et al. Continuous Epidural Catheter for Analgesia-Risk and Incidence of Infection in Pediatric Population Undergoing Surgeries. International Journal of Health Sciences and Research. Int J Health Sci Res. 2020; 10(1):43-48.
12	J Indian Assoc Pediatr Surg	Jain V, Dhua A, Agarwala S, Bakhshi S, Srinivas M	J Indian Assoc Pediatr Surg	2020		Jain V, Dhua A, Agarwala S, Bakhshi S, Srinivas M et al. Outcome of Children with Stage IV Wilms Tumor - Our Experience of 15 Years. J Indian Assoc Pediatr Surg. 2020 Nov-Dec;25(6):372-377
13	J Indian Assoc Pediatr Surg	Gazula S , Rani VL, Jonathan GT,	J Indian Assoc Pediatr Surg	2019		Gazula S , Rani VL, Jonathan GT, Kumar NN. Extraskelatal Ewing's sarcoma masquerading as infantile, benign neck

		Kumar NN				mass. J Indian Assoc Pediatr Surg 2019;24:209-11.
14	Paediatric Mesenteric Chylolymphatic Cyst - Case Discussion and Literature Review". EC Gastroenterology and Digestive System	Gazula S, Manoj K.	Paediatric Mesenteric Chylolymphatic Cyst - Case Discussion and Literature Review". EC Gastroenterology and Digestive System		2019	Gazula S, Manoj K. "Paediatric Mesenteric Chylolymphatic Cyst - Case Discussion and Literature Review". EC Gastroenterology and Digestive System 6.5 (2019): 348-353.
15	J Pediatr Surg	Khanna K, Agarwala S, Bakhshi S, Srinivas M	J Pediatr Surg		2019	Khanna K, Agarwala S, Bakhshi S, Srinivas M , et al. Need for urodynamic evaluation as a regular follow-up tool in assessment of long-term urological outcomes in patients with sacrococcygeal teratoma. J Pediatr Surg. 2019 Oct;54(10):2107-2111

Dentistry

Sl no	Title	Name of Authors	Name of the International/National Journal	Date of Publication	Summary of research work	Relevant citations
1	The effect of aloe vera and tea tree oil mouthwashes on the oral health of school children	Kamath NP, Tandon S, Nayak R, Naidu S, Anand PS, Kamath YS.	European Archives of Paediatric Dentistry	2020 Feb;21(1)	A double-blinded, placebo-controlled prospective interventional study was conducted in school children aged 8-14 years. The study participants were divided into four groups depending upon the mouthwash used: Group 1 (aloe vera), Group 2 (chlorhexidine), Group 3 (tea tree oil) and Group 4 (placebo). The use of aloe vera and tea tree oil mouthwashes can decrease plaque, gingivitis and S. mutans in the oral cavity in children. The activity of these two agents is comparable to that of chlorhexidine.	56
2	Patterns of Periodontal Destruction among Smokeless Tobacco Users in a Central Indian Population	Anand PS, Mishra S, Nagle D, Kamath NP, Kamath KP, Anil S.	Healthcare (Basel).	2021 Jun 17;9(6)	Age, gender, oral hygiene habits, the frequency and duration of SLT consumption, the type of SLT product used, and the site of retention of the SLT product in the oral cavity were recorded among 90 SLT users. Probing depth (PD), recession (REC), and clinical attachment loss (CAL) at SLT-associated and non SLT-associated teeth of the mandibular arch were compared based on the site of retention of the SLT product, the type of product used, and the duration of the habit.	7
3	Width and thickness of the gingiva in periodontally healthy individuals in a central Indian population: a cross-sectional study	Anand PS, Bansal A, Shenoi BR, Kamath KP, Kamath NP, Anil S.	Clinical Oral Investigations	2022 Jan;26(1)	Periodontal probing depth, width of the keratinized and attached gingiva, and gingival thickness were recorded on maxillary and mandibular teeth from central incisor to first molar unilaterally in 75 systemically healthy individuals (32 males and 43 females; 19-30 years of age). Comparisons were made gender-wise, arch-wise, tooth-wise, and site-wise using either the Student's t test or the ANOVA.	5
4	A case-control study on the association between	Anand PS, Jadhav P, Kamath KP, Kumar SR, Vijayalaxmi S,	Journal of Periodontology	2022 Apr;93(4)	A case-control study was conducted. Patients who had positive real-time reverse transcription polymerase chain reaction results for severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) infection were included in the	74

	periodontitis and coronavirus disease (COVID-19)	Anil S.			case group (n = 79), and patients with negative results were included in the control group (n = 71). The periodontal examination involved recording the plaque scores, calculus scores, tooth mobility, gingival bleeding, probing depth, recession, and clinical attachment level (CAL).	
5	Somatic variants and exon-level copy number changes in five hyperplastic-stage oral leukoplakias	Anne A, Kumar L, Salavadi RK, Anand PS, Nuguri S, Bindra S, Reddy KVR, Gummanur MR, Mohan KN.	Cytogenetic and Genome Research	2023 Jan 11	Oral leukoplakia (OL), an oral potentially malignant disorder begins with a hyperplastic/hyperkeratotic stage at which no genome-scale somatic single nucleotide variant profiles have been described so far. We performed exome sequencing of five cases at this stage with no evidence of dysplasia to identify genetic alterations (exon-level copy number alterations, indels, and single nucleotide variants), their association with transcript levels and relationship with oral cancer susceptibility. Pathway enrichment analysis of genes associated with tobacco chewing and age-related mutation signatures, transcripts with variants predicted to be functionally damaging and those with significantly altered levels have all indicated the involvement of focal adhesion, ECM-receptor interactions, regulation of cytoskeleton and DNA repair. Two novel mutations identified in FAT1 tumor suppressor gene were associated with decreased transcript levels. In addition, 16 expressed cancer driver genes contained functionally damaging variants. Many of the affected genes were also reported in dysplastic OL lesions. The presence of variants in cancer driver genes and those shared with oral dysplasias possibly provide a basis for further progression and increased susceptibility to oral cancer.	
6	Oral health knowledge, attitude and practices among medical students- A cross-sectional observational study	Jadhav, P., Malothu, S., Anand, P., Goje, V., Kumar, R Salavadi., Tirupathi, S., & Afnan, L.	International Journal of Health Sciences	30-06-2022	Aim of the study was to evaluate oral health knowledge, attitude and practices among medical students. Objective: To assess the knowledge, attitude towards Oral health and personal and professional oral health practices among medical students. Material and Methods: A cross sectional survey was conducted using structured self-administered 20 item questionnaire, as Google form to all the medical students of ESIC, Sanath Nagar, Hyderabad. All the completely filled in forms within 15 days were included in	22

					<p>the study. Descriptive statistics were computed and data was presented in the form of tables and graphs. Results: A total of 250 out of 400 participants had submitted completely filled in questionnaire. among whom 40% (100) were males and 60% (150) were females. About 58% (145) had a dental visit previously. About 48% (120) experienced gum bleeding. About 28% (71) opted to refer a patient with facial swelling to a general surgeon instead of dentist. About 56% (140) felt untreated dental pain may lead to serious life threatening condition. About 74% (185) felt visiting a dentist would give them correct information about dental issues.</p>	
7	<p>Comparative Evaluation of Conventional Miniplates, Three-Dimensional Miniplates and Lag Screws for Internal Fixation of Parasymphysis Fracture of Mandible—A Double-Blind Randomized Clinical Study</p>	<p>Revanth Kumar Salavadi, Ramen Sinha, Ashwant Kumar Vadepally, Uday Kiran Uppada</p>	<p>Journal of Maxillofacial and Oral Surgery</p>	<p>24-09-2021</p>	<p>The aim of this study is to clinically and radiographically evaluate the stability of parasymphysis fracture managed with lag screws, miniplates and 3D miniplates. Materials and Method Ninety- eight patients diagnosed with parasymphysis fracture were treated using lag screws in group 1, two 4-hole miniplates in group 2 and 3D miniplates in group 3. Intraoperative stability and duration of fixation was assessed. Postoperative clinical evaluation was done at 1 week, 1 month, 3rd month, 6th month and 1 year for complications and oral function. Radiological evaluation was done at 3rd and 6th month. Only 92 patients were considered for statistical analysis since 6 patients were lost during follow-up. Results Road traffic accident (65.3%) was the primary cause of mandibular fractures. Postoperative pain score showed a statistically significant difference after 1 week and 1 month duration (P value \leq 0.001). ANOVA test showed VAS was significantly higher at pre-op followed by 1st day and 1 week, but no significant difference after 3 months in all groups. Radiographic analysis did not show significant difference in approximation of fracture segment among 3 groups after 6 months (P-value = 0.117). Chewing efficiency at 6 months and occlusion by surgeon evaluation at 3 months showed a significant difference (P value \leq 0.001). Conclusion Lag screw fixation was technique-sensitive, relatively inexpensive and was less time consuming method when compared to miniplates and 3D plates. Lag screws and 3D</p>	<p>32</p>

					plates are superior in reducing the incidence of complications and better in oblique or sagittally displaced mandibular fractures.	
8	Evaluation of Dental Radiographic Imaging among Insured Population Reporting for Dental Treatment –A Retrospective Study	Dr. Pranavi Jadhav, Dr. Goje Vidya Sagar, Dr. Revanth Kumar, Dr. Praneetha Jadhav, Dr. Sumana Putta	Scholars Journal of Dental Sciences.	17-09-2021	To evaluate various dental radiographic examination techniques carried out among insured population. Material and method: This was a retrospective study performed among patients reported to Department of Dentistry, ESIC Medical College, Hyderabad during a two year period from January 2017 to December 2018. Records of 11,535 patients who required radiographic investigations like intraoral periapical radiograph (IOPAR), Orthopantamogram (OPG), Computerized Tomogram (CT) and Cone beam computerized tomogram (CBCT) for diagnosis and treatment planning were analyzed. Results: Among the 11,535 patients, a total of 9,193 IOPAR, 1936 OPG, 348 CT, and 58 CBCT were taken. Among IOPAR, 6164 (67.05%) were advised to diagnose dental caries, 1514 (16.47%) for periodontal disease, and 636 (6.92%) for dental trauma. Regarding OPG, 485(25.05%) were advised to diagnose maxillofacial trauma, 338(17.46%) for periodontal disease, and 224 (11.57%). With regards to CT, 308(88.51%) were advised to diagnose maxillofacial trauma and 40(11.5%) were advised for Cysts and Tumours. In 58 instances where CBCT was advised 47(81.04%) were advised to diagnose Cysts and Tumours and 11(18.96%) were advised for maxillofacial trauma. Conclusion: About 17.07% (11,535 out of 67,551) of the Out-patients required radiological investigations. Among them IOPAR was most commonly advised while the least was CBCT. IOPAR was gold standard for Dental caries and its sequel, and for periodontitis. OPG was ideal for multiple teeth lesions; however had the drawback of ghost images. CT gives a good 3D view but has high radiation exposure and is expensive. CBCT is advanced and gave realistic anatomical picture with comparatively less radiation. However, its availability and standing posture are the drawbacks.	18
9	Retrospective Analysis of Faulty	Dr. Pranavi Jadhav, Dr.	Scholars Journal of Dental Sciences	25-02-2021	Our aim was to assess the reasons for endodontic failure among insured population. Objectives: To assess the quality	12

	Endodontic Procedures among Insured Population in Hyderabad, Telangana, India	Sanjeev Naik, Dr. Revanth Kumar, Dr. Vidya Sagar			of treatments performed, their success rate and reasons for endodontic failure among insured population. Material and Methods: The study was conducted retrospectively among insured population in Hyderabad, Telangana, India. The patients who attended the Out Patient Department (OPD) of Employees' State Insurance Hospital, Sanath Nagar, Hyderabad were included. Records of 120 patients (involving 150 teeth) complaining of pain and/or swelling after endodontic treatment reported during a 2 year period, from June 2017 to June 2019 was utilized. Results: Age range of individuals in the study was 18 to 55 years and the average was 46.7 ±9.5 years. Out of them 80 (66.63%) were males and 40 (33.33%) were females. Poor prognosis cases were significantly higher in males (46.67%) compared to females (6.67). Fair prognosis cases were significantly higher in maxillary teeth (16.67%) compared to mandibular teeth (3.33%). The fair and poor prognosis cases in anterior teeth (5.33%, 3.33%) were significantly lesser than posterior teeth (14.67%, 50%). Similarly fair and poor prognosis tooth in younger patients aged 18-35 years (3.33%, 6.67%) were significantly lesser than older patients aged 36-55 years (16.67%, 36.67%). All patients were examined by experienced clinicians with minimum of 5years experience. Conclusion: Re-treatments are a task however, not impossible. Amongst the cases categorized saved tooth were 46.67% by Retreatment with/without endodontic treatment and 53.33% of cases were relieved of their complaints after extraction. Understanding anatomy, reasons for endodontic failure, age of the patient, Clinical and radiographic diagnosis, use of advanced instrumentation, technique sensitivity and giving them realistic expectations would increase success rate.	
10	A comparative clinical study on physiotherapy outcomes with wooden tongue	Ashwant Kumar Vadepally, Revanth Kumar Salavadi, Ramen Sinha	Journal of Oral Biology and Craniofacial Research	05-06-2019	The aim of this study was to compare mouth opening exercise outcomes with wooden tongue depressors (WTDs) versus Heister jaw opener (HJO) in improving mouth opening after reconstruction of the surgical defect with buccal fat pad (BFP) in oral submucous	13

	depressors versus Heister jaw opener in oral submucous fibrosis patients			<p>fibrosis (OSF) patients.</p> <p>Materials and methods: Fifty consecutive patients were divided randomly into two groups (25 patients in each group) corresponding to postoperative physiotherapy with WTDs (group 1) and HJO (group 2) respectively. Groups 1 and 2 were evaluated for maximum interincisal distance at 3, 6 and 12 months of follow up. In groups 1 and 2, mouth opening differed substantially at all periods of follow up from preoperative values.</p> <p>Results: The increase in mouth opening was greater in group 2 at 3 (P=0.003) and 6 (P=0.010) month follow up visit respectively. No relevant difference was observed in mouth opening between groups 1 and 2 at 12 months (P=0.066). The mean increase in mouth opening at 12 months compared with the preoperative value was 22.2mm in group 1 and 25mm in group 2.</p> <p>Conclusion: We conclude both WTDs and HJO are effective in improving postoperative mouth opening in OSF surgical patients.</p>	
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Transfusion Medicine

Sl no	Title	Name of Authors	Name of the International/National Journal	Date of Publication	Summary of research work	Relevant citations
1	ABO Blood Group System and the Association with Cardiovascular Risk Factors between Men and Women with Cardiovascular Diseases—A Comparative Study.	Katna R, Rao CS, Kumar A, Fatima F, Taranikanti M.	Indian Journal of Cardiovascular Disease in Women WINCARS	2020 June	There was no significant difference between the blood groups and the major cardiovascular risk factors were diabetes and lipids, but there was an association between blood group O and hypertension.	Hassan, A., Jasim Shlash, A. M., Moussa, A., Al Ibrahemy, A. A., & Chafat, Z. A. (2022). A Study of Patients with Cerebral Vascular Accident (CVA) Regarding to Risk Factors in Iraq. <i>Bahrain Medical Bulletin</i> , 44(3).
2	Whole blood derived covid convalescent plasma: An economical option among developing countries.	Ravula U, Chunchu SR, Gente VK.	Transfusion and Apheresis Science.	2021 Apr	Whole blood derived Covid-Convalescent plasma is the best economical alternative option in low and middle income countries	Tobian, A. A., Cohn, C. S., & Shaz, B. H. (2022). COVID-19 convalescent plasma. <i>Blood, The Journal of the American Society of Hematology</i> , 140(3), 196-207.
3	Screening of Asymptomatic Healthcare Workers for SARS-COV-2 for Occult Infections: A Cross-Sectional Study	Tadi LJ, Chunchu SR, Srinivas M, Mallamgunta S, Ravula U, Ariyanachi K, Dara C, Sandepogu TS.	Cureus.	2021 Nov	Our study findings suggested that using RT-PCR testing, which may only identify those with a prolonged viral shedding period and minimum viral loads, the proportion of asymptomatic/occult infections could be underestimated.	Platten, M., Nienhaus, A., Peters, C., Cranen, R., Wisplinghoff, H., Kersten, J. F., ... & Michels, G. (2022). Cumulative incidence of SARS-CoV-2 in healthcare workers at a general hospital in Germany during the pandemic—a longitudinal analysis. <i>International journal of environmental research and</i>

						<i>public health, 19(4), 2429.</i>
4	SARS-CoV-2 Seroprevalence Among Whole Blood Donors During First Wave of Covid-19 Pandemic in India.	Chunchu SR, Ravula U, Gente VK, Bacchu S, Pandu Ranga Rao S, Mooli S.	Indian Journal of Hematology and Blood Transfusion.	2022 Jan	The study reported seroprevalence of 49.4%, (95% CI 46.3–52.5) among whole blood donors, with test sensitivity and specificity adjusted prevalence of 54.9% (95% CI 51.5–58.3).	Nourmohammadi, H., Dehkordi, A. H., Adibi, A., Amin Hashemipour, S. M., Abdan, M., Fakhri, M., ... & Sarokhani, D. (2022). Seroprevalence of COVID-19 in blood donors: A systematic review and meta-analysis. <i>Advances in Virology, 2022.</i>
5	Impact of COVID-19 pandemic on blood donation during 1st wave in India: Understanding regular blood donors and non-blood donor's perspective, attitudes, and practices.	Chunchu SR, Bala S, Kumar R, Ravula U.	Asian Journal of Medical Sciences.	2022 Feb	The novelty of this study helps to remake our policies concerned mainly on the protection of our potentially emergency service providers against COVID-19 infection.	Doaj
6	Antenatal antibody screening irrespective of RH status at a tertiary care hospital: A prospective study.	Chunchu SR, Yerra A K, Emmadisetty S, Ravula U.	Indian J Obstet Gynecol Res	2022 Feb	Early screening irrespective of Rh status and effective utilization of Rhlg prophylaxis in Rh negative antenatal women is the only solution to reduce fetal, neonatal morbidity and mortality due to alloimmunization.	
7	SARS-CoV-2 Neutralizing Capacity among Blood Donors without prior COVID-19 symptomatic history vs Blood Donors with prior COVID-19 symptomatic history: A Comparative Study.	Ravula U, Chunchu SR, Mooli S, Naik R, Sarangapati PRR.	Transfus Clin Biol.	2022 Feb	No significant difference in neutralizing antibody capacity was observed in asymptomatic whole blood donors and convalescent plasma donors.	Pubmed

8	Social media usage and strategies in motivating various generations of blood donors. Are we doing it right?	Ravula U, Chunchu SR, Sanagapati PRR, Mooli S.	Transfus Apher Sci.	2022 Jul	Although Social Media usage is in practice for blood donor motivation and recruitment, tailored motivational content is essential to target the blood donors across different age generations to achieve effective blood donor motivation leading to Blood donation.	Pubmed
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Physical Medicine and Rehabilitation

Sl no	Title	Name of Authors	Name of the International/National Journal	Date of Publication	Summary of research work	Relevant citations
1.	Sciatic Selective Motor Fasciclotomy and Hamstring Lengthening for Spastic Knee Flexion in Cerebral Palsy in Tertiary Care Hospital, Telangana	Dr.E.Rajendra Kumar, Dr.Venkateshwar a Prasanna Govindappagari, A.K.Purohit	International Journal of Toxicological and Pharmacological Research	26-09-2022	-	-
2.	Role of Walking Index for Spinal Cord Injury in Rehabilitation of Paraplegics with traumatic Cord lesion at T12 - L1 with Asia Grade A	Dr.E.Rajendra Kumar, Dr.Gokul Sugumaran	Indian Journal of Applied Research	-10-2022	-	-
3.	A Cross Over Study to Establish Effectiveness of Phenol Blocks to Peripheral Nerve in Reducing Spasticity in Traumatic and Non Traumatic Brain Injured and Spinal Cord Injured Patients	Dr.E. Rajendra Kumar , Rama Santharam Kaja , Suranjan Bhattacharje , George Tharion	International Journal of Toxicological and Pharmacological Research	18-08-2022	-	-