

## **Details of research publications by faculties:**

- Identification of Epidural space using modified drip method and loss of resistance syringe technique: A comparative study, DrKinjalSanghvi, DrAsmitaChaudhary, DrSachin Patel, Dr Devendra Makwana, IJAA Vol 6 no.2, March April-2019(Part 2) Page 585.  
  
Impact of structured teaching programme on peripheral intravenous cannulation among doctors and paramedical staff in medical college, DrNaynaSolanki , Dr Bhakti Jain, DrHiralSolanki, DrHeenaChhanwal, Indian journal of Anaesthesia and analgesia, Volume 6, Issue 6 (Part-2), November-December 2019, Pages 2201-2205
- A comparative study of neuromuscular blocking effect and reversibility of cisAtracurium and vecuronium.,DrDivyaKheskani, DrHeenaChhanwal, Dr Bhakti Jain Indian journal of anaesthesia and analgesiaIJAA VOL. 7 NO.1 JAN-FEB 2020 (Part -I)..
- Single dose intravenous dexmedetomidine as an adjuvant for prolongation of spinal anaesthesia. .,DrDivyaKheskani, DrHeenaChhanwal,Dr. Desai Meshwa S. ,Dr. Thacker Avni H. IJAA VOL. 7 NO.2 MAR-APR 2020 (Part -I)
- Anaesthetic management of paediatric patients undergoing scoliosis surgery in camp, DrAsmitaChaudhary, DrAnkita Patel, DrPooja Patel, DrHiralSolanki, DrDharaKakadiya, Indian journal of applied- basic medical sciences, Nov 2019.
- A comparative study between two monitoring techniques of awake blind nasal intubations in cases of restricted mouth opening,DrBipin K Shah, DrDhara Shah, Dr Hitesh Chelani, Dr Krishna Shah, Dr Sanjay Baldaniya, DrIndu A Chada, Indian journal of applied- basic medical sciences Nov 2019.
- Comparison between Dexmetomidine hydrochloride and clonidine hydrochloride on attenuation of hemodynamics response following laryngoscopy and intubation:-DrCarolinsmitaKerketta , SAS Journal of Surgery/Issue no. 2454-5104, October 2018.
- Comparative study of Conventional versus Nasal -18 method for fiberoptic Nasal Intubation- Dr.AsmitaChaudhry,Indian Journal Anesth Analg..2018;5(7):1124-27
- Comparison of inj. Dexmedetomidine with inj. Propofol and inj. Fentanyl with inj. Propofol for sedoanalgesia in colonoscopy;International journal of scientific research Volume 9, issue 9, September 2020  
Dr. Deepa Jadav\* Dr. Nayna Solanki Dr. Kaushal Kalotra Dr. Heena Chhanwal
- Evaluation of anaesthetic andanalgesic effect of hematoma block for distal end radius fracture reduction  
Nayna Solanki, Shilpin Solanki, Kaushal Kalotri
- Spontaneous Pneumomediastinum and subcutaneous Emphysema in Patients with COVID-19", .- Reema Wadhawa, Avni Thacker, Heena Sunil Chhnwal Saudi journal of anaesthesia/volume 15/issue 2/april-june 2021
- Effect of awake positioning on outcome of COVID-19 patients on BiPAP ventilator- Dr Carolinsmitakerketta, Dr. Heena Chhanwal, Avni Thacker,International Journal Of Anaesthesia & Research/accepted in January 2021
- Critical care as a career for anaesthesiologistsIndian Journal of Anaesthesia | Volume 65 | Issue 1 | January 2021 Pradip Kumar Bhattacharya, Suresh G. Nair1, Nishant Kumar2, Pratheeba Natarajan3, Heena Chhanwal4

- APPLICATION OF MAGNETIC RESONANCE IMAGING IN SEPTIC ARTHRITIS (INDIAN JOURNAL OF APPLIED RESEARCH (IJAR), Vol-9, Issue -6, June 2019) - DR. ASUTOSH DAVE.
- THE CORRELATION BETWEEN BIOCHEMICAL MARKER AND RADIOLOGICAL SEVERITY SCALE IN ACUTE PANCREATITIS (INDIAN JOURNAL OF APPLIED RESEARCH (IJAR) Vol-9, Issue-5, May-2019) – DR. ASUTOSH DAVE.
- ROLE OF MRI & MR SPECTROSCOPY (METABOLIC MAPPING) IN CHARACTERIZATION OF RING ENHANCING LESIONS IN BRAIN , IOSR JOURNAL OF DENTAL & MEDICAL SCIENCES, VOL-18, ISSUE-5, MAY-2019 - DR. ASUTOSH DAVE.
- SPECTRUM OF MAGNETIC RESONANCE IMAGING IN AFEBRILE PEDIATRIC EPILEPSY.( ASIAN JOURNAL OF MEDICAL RADIOLOGICAL RESEARCH (AJMRR), Vol-7, Issue -1, January-June 2019)- DR. AJAY UPADHYAY.
- COMPARATIVE STUDY OF CT GUIDED VERSUS USG GUIDED BIOPSY OF PERIPHERALLY SITUATED LUNG MASS (COMPARATIVE STUDY OF CT GUIDED VERSUS USG GUIDED BIOPSY OF PERIPHERALLY SITUATED LUNG MASS) - Global journal for Research Analysis. ISSN 2277-8160 (vol 7, issue 4. April. 2018). DR. AJAY UPADHYAY
- EVALUATION OF ORAL CANCERS WITH CT SCAN AND MRI (SCHOLAR JOURNAL OF APPLIED MEDICAL SCIENCE ,ISSUE-7A, JULY 2017) - DR. NIKUNJ C. DESAI
- ANORECTAL FISTULA EVALUATION WITH MRI (GLOBAL JOURNAL FOR RESEARCH ANALYSIS, ISSUE 8, FEB. 2018) - DR. NIKUNJ C. DESAI.
- COMPARATIVE STUDY OF NEEDLE ASPIRATION VS PIG TAIL CATHETER INSERTION IN 50 CASES OF LIVER ABSCESS (GLOBAL JOURNAL FOR RESEARCH ANALYSIS, ISSUE 02 , FEB. 2018) –DR AJAY UPADHYAY, DR. NIKUNJ C. DESAI .
- ROLE OF CONTRAST-ENHANCED FLUID -ATTENUATED INVERSION RECOVERY (FLAIR) IMAGING IN VARIOUS INTRACRANIAL LESIONS (INTERNATIONAL JOURNAL OF SCIENTIFIC RESEARCH, VOL-8, ISSUE- 4, JUNE-2019 )- DR ANSHUL SHAH
- UTILITY OF MRI IN DIAGNOSIS OF PRES IN POST PARTUM FEMALES INDIAN JOURNAL OF APPLIED RESEARCH (IJAR) ISSUE-06, JUNE-2019 - DR. NISHANT PATEL
- ROLE OF CT ANGIOGRAPHY IN COMPARISON TO ULTRASOUND FOR DETECTION , CHARACTERIZATION AND QUANTIFICATION OF CAROTID ARTERY DISEASE ( INTERNATIONAL JOURNAL OF CONTEMPORARY MEDICINE SURGERY AND RADIOLOGY, VOL-4, ISSUE-2, APRIL- JUNE 2019- DR MAYANK PATEL
- EFFECTIVENESS OF DYNAMIC ULTRASOUND OF SHOULDER IN COMPARE TO MRI IN DIAGNOSIS OF ROTATOR CUFF INJURY (INDIAN JOURNAL OF APPLIED RESEARCH (IJAR) , VOL-9, ISSUE-4, APRIL-2019) -- DR MAYANK PATEL.
- APPLICATION OF MAGNETIC RESONANCE IN IMAGING OF BRACHIAL PLEXUS. INTERNATIONAL JOURNAL OF SCIENTIFIC RESEARCH, VOL-8, ISSUE-6, JUNE-2019 –
- RADIOLOGICAL EVALUATION OF AVASCULAR NECROSIS OF HIP, INDIAN JOURNAL OF APPLIED RESEARCH (IJAR) , VOL-9, ISSUE-4, APRIL-2019 - DR. SARITA MIRCHANDANI.
- ROLE OF MULTIDETECTOR COMPUTED TOMOGRAPHY (MDCT) IN DIAGNOSIS AND STAGING OF GALL BLADDER CARCINOMA. VOLUME 9 ,ISSUE 9 ,SEPTEMBER 2020 IN

INTERNATIONAL JOURNAL OF SCIENCE AND RESEARCH(IJSR) -DR.AJAY UPADHYAY , DR. CHIRAG PRAJAPATI, DR. ASUTOSH DAVE

- SIGNIFICANCE OF ULTRASOUND ASSESSMENT IN THE DIAGNOSIS OF PCOS WITH SPECIAL REFERENCE TO OVARIAN VOLUME & OVARIAN MORPHOLOGY. VOLUME 19 ,ISSUE 8 ,SER. 7 ,AUGUST 2020 IN IOSR JOURNAL OF DENTAL AND MEDICAL SCIENCES- DR.CHIRAG PRAJAPATI, DR. AJAY UPADHYAY, DR. ASUTOSH DAVE.
- GASTROINTESTINAL STROMAL TUMORS ( GISTS) : DIAGNOSTIC VALUE OF MULTI DETECTOR COMPUTED TOMOGRAPHY (MDCT).VOLUME 19 ,ISSUE 8 ,SER. 7 ,AUGUST 2020 IN IOSR JOURNAL OF DENTAL AND MEDICAL SCIENCES - DR. ASUTOSH DAVE, DR. SANJANA DOSHI
- ULTRASONOGRAPHIC AND MR DIAGNOSIS OF ROTATOR CUFF DISORDERS & SHOULDER JOINT INSTABILITY. VOLUME 9 ,ISSUE 9 ,SEPTEMBER 2020 IN INTERNATIONAL JOURNAL OF SCIENCE AND RESEARCH(IJSR)- DR. SANJANA DOSHI, DR. ASUTOSH DAVE
- RADIOLOGICAL PROFILE OF INTERSTITIAL LUNG DISEASE USING HRCT (HIGH RESOLUTION COMPUTERIZED TOMOGRAPHY)-DR .NIKUNJ DESAI, DR. NILESH PARKAR, DR. ASUTOSH DAVE
- EVALUATION OF SCROTAL PATHOLOGIES BY HIGH FREQUENCY ULTRASOUND WITH COLOR DOPPLER STUDY. VOLUME 19 ,ISSUE 9 .SER. 4 ,SEPTEMBER 2020 IN IOSR JOURNAL OF DENTAL AND MEDICAL SCIENCES-DR .NILESH PARKAR, DR. NIKUNJ DESAI, DR. ASUTOSH DAVE
- ROLE OF MULTIPHASIC MULTI-DETECTOR COMPUTED TOMOGRAPHY (MDCT) IN THE DIAGNOSIS AND STAGING OF SOLID NEOPLASTIC RENAL MASSES .VOLUME 19 ,ISSUE 8 ,SER. 7 ,AUGUST 2020 IOSR JOURNAL OF DENTAL AND MEDICAL SCIENCES - DR. ASUTOSH DAVE, DR. NIRAV PATEL
- ULTRASOUND FINDINGS IN ABDOMINAL TUBERCULOSIS: USUAL AND UNUSUAL APPEARANCES- VOLUME 9 ,ISSUE 9 ,SEPTEMBER 2020 IN INTERNATIONAL JOURNAL OF SCIENCE AND RESEARCH(IJSR) -DR. NIRAV PATEL, DR. ASUTOSH DAVE
- “A retrospective study of female breast cancer: Stage and age correlation.”**Akruwala S.D, Sharma V.** Surgical Update: Int J surg Orthopedics. 2018;4(2):71-74.doi:10.17511/ijoso.2018.i2.02.
- “Surgical Site Infections: A Prospective Study in a Surgical Department of a Tertiary Care Center.” **Dr. Vidhyasagar M Sharma, Dr. Ayush N Jain, Dr. KhusbooLakhtariya;** Sch. J. App. Med. Sci., Oct, 2018; 6(10): 3913-3917.
- “A retrospective study of correlation of tumour thickness with nodal spread in anterior tongue cancer.” **SHARMA Vidhyasagar M.; AKRUWALA Sushil D.** International Surgery Journal, [S.l.], v. 5, n. 3, p. 1079-1082, Feb. 2018. ISSN 2349-2902.
- “A study of variables in gastrointestinal stromal tumor: surgical experience at a single institute.”**SHAH, Udit Jaydeep, Dr Sushil Akruwala.** International Surgery Journal, [S.l.], v. 6, n. 9, p. 3211-3214, Aug. 2019. ISSN 2349-2902.
- “A retrospective comparative study of preperitoneal vs onlay mesh repair in cases of ventral hernia at tertiary care institute.” **Dr. Ronak Chavada, Dr. Manubhai Pipalia.**International Journal of Scientific Research, Volume 8, Issue 12, December 2019.

- “A retrospective study of comparison of outcomes between Paraumbilical and Transumbilical port insertion for laparoscopic surgeries.”**Dr. Aditya Goyal, Dr. S.C. Desai.** Indian Journal of Applied Basic Sciences, Volume 22A, January 2020.
  - “A Comparative study between fistulotomy and fistulectomy in management of Low anal fistula.’ **Dr. Sejal Barad, Dr. S.C. Desai.** Paripex-Indian Journal of Research, Volume 9, Issue 6, June 2020.
  - “Acomparative retrospective study between excision followed by secondary healing and Limberg’s flap surgery for Pilonidal sinus.”**Dr.Mitkumar Rojesara, Dr. JaimishGajjar.** Indian Journal of Applied-Basic Medical Sciences. Volume 22B July – 2020.
  - “Hypoalbuminemia as an independent prognostic risk factor for adverse postoperative outcomes in an emergency laparotomy in adult patients.” **Dr. SahistaBelim, Dr. Vidhyasagar Sharma.**Paripex-Indian Journal of Research, Volume 9, Issue 12, December 2020.ISSN 2250-1991.
  - “A comparative prospective study of medical treatment vs surgical lateral anal sphincterotomy(LAS) in cases of anal fissure.” **Dr. Mihir Patel, Dr. Ayush Jain, Dr. Yogendra Modi.** Paripex-Indian Journal of Research, Volume 9, Issue 11, November 2020.ISSN 2250-1991.
  - “Incidence and risk factors for surgical site infections: Our experience at tertiary care centre.”**Dr. Keyur Usdadiya, Dr. Sushil Akruwala, Dr. Nehal Sisodiya.**Paripex-Indian Journal of Research, Volume 9, Issue 11, November 2020.ISSN 2250-1991.
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  - “A prospective comparative study of open versus closed method of creating pneumoperitoneum in laparoscopic surgery.”**Dr.Akshar Patel, Dr. Shashank Desai.**Paripex-Indian Journal of Research, Volume 9, Issue 12, December 2020.ISSN 2250-1991.
1. To study surgical outcome of various surgical procedures of lateral release in valgus knee in total knee arthroplasty. **Dr.Ankit Patel, Dr.HirenShah,Dr.Alok Shah, Dr.RippleShah,Dr.Suril Shah, Dr.SharvilGajjar.**  
Patel A. et al Int J Res Orthoop2017;3:692-7.
  2. Comparison study for internal and external modes of fixation for fractures of distal end radius. **Dr.Ripple Shah, Dr.Suril Shah, Dr.Aalok Shah, Dr.SharvilGajjar, Dr.VijayChaudhari, Dr.patikSiddhapuria.**  
Shah R. et al Int J Res Orthoop2017;3:744-50.
  3. Observational study of various spine disorders regarding correlation of radiological and clinical parameters. **Dr.Suril Shah, Dr.Ripple Shah, Dr. DJ Arwade, Dr. PB Magdul, Dr. SharvilGajjar.**  
Shah S. et al International Journal of Orthopaedics Sciences 2017;3(2):600-610.
  4. A study of effectiveness of hematoma block as a modality of analgesia in distal end radius fracture. **Dr.Mohammed Nawaz m Malik, Dr.Siddhant Shah, Dr.Sagar Khanpara.**  
International journal of scientific research vol 8 issue 11 nov-2019.
  5. Functional outcomes of subtrochanteric femur fractures treated by intramedullary proximal femoral nail. **Dr.Aalok Shah, Dr.Mukesh shah.**  
International journal of orthopaedics sciences 2017;3(2):876-881

6. Retrospective study of open tibia diaphyseal fractures type 3b and 2b by ilizarov method. Dr.tirthVyas, **Dr. Hiren Shah, Dr.Aalok Shah**, Dr.sharvilGajjar.  
International journal of orthopaedics sciences 2017;3(2):507-512
7. Assessment of outcomes of locking compression plates for fractures of distal end of femur. **Dr.AalokShah**,Dr. Vikki Pratik, Dr.Vimal Gandhi.  
National Journal of Clinical Orthopaedics 2018;2(4):175-179.
8. Titanium Vs. Stainless Steel interlocking nail: A comparative study for compound fractures of tibial shaft. **Dr.Aalok Shah**, Dr. Vikki Parikh, Dr. Vimal Gandhi  
National Journal of Clinical Orthopaedics 2018;2(4):165-169.

Two birds with one stone: how depression and distress in diabetes respond to antidepressants.  
Harshilyogeshchauhan et. Al.

Archives of psychiatry and psychotherapy. Volume 21, issue 2. June 2019. Page 41-47. Indexed with scopus, cochrane library, psycinfo, index copernicus, embase

2) Fear of missing out (fomo): association with emotion regulation, anxiety and somatic symptoms among medical students

Megha k. Desai et al.

Indian journal of applied research. Volume 9, issue 12. December 2019. Page 32-34, indexed with index copernicus international ltd, poland

3) Eating behaviour , self easteem and depression among medical and paramedical students

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- 1 Padhiyar JK, Patel NH, Gajjar TP, Buch MD, Shah YB, Solanki R. Efficacy and safety of propranolol on the proliferative phase of infantile hemangioma: a hospital-based prospective study. Indian Journal of Paediatric Dermatology. 2018 Jul 1;19(3):224.
- 2 Patel NH, Padhiyar JK, Shah YB, Gajjar TP, Buch MD. Unusual presentations and associations of hyper IgE Syndrome: Retrospective analysis of ten cases at tertiary care institute – With review of indian published reports. Indian J Paediatr Dermatology 2018;19:31-6.
- 3 Padhiyar JK, Patel NH, Gajjar T, Patel B, Chhibber A, Buch M. A distinct clinicopathological presentation of cutaneous dermatophytosis mimicking autoimmune blistering disorder. Indian journal of dermatology. 2018 Sep;63(5):412.
- 4 Padhiyar JK, Patel NH, Buch J, Chhibber A. Is latent syphilis new normal among clinical presentations of syphilis ? Study from a tertiary care institute. Nepal Journal of Dermatology, Venereology and Leprology. 2019;17(1):27-31. doi: [http:// dx.doi.org/10.3126/njdvl.v17i1.23247](http://dx.doi.org/10.3126/njdvl.v17i1.23247).
- 5 Patel NH, Padhiyar J et al. Epidemic of Dermatophytosis in India, are topical steroids adding fuel to the Fire?- hospital based longitudinal prospective study. Sch. J. App. Med. Sci., Jun 2017; 5(6C): 2216-2223.

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1. Impact of CRP Test in Management of COVID-19; **Dr. Sachin M. Darji, Dr. Devanshi.M. Chaudhari, Dr. Sagar G. Thummar, Dr. Hardik K. Bhavsar**; **GCSMC Journal of Medical Sciences**; January - July 2020
2. Biofilm Detection Among Metallo-beta lactamase (MBL) Producing Clinical Isolates of Pseudomonas aeruginosa; **Dr. HardikBhavsar**; International Journal of Current Microbiology and Applied Sciences 15 June 2019

3. Evaluation of “Rapid Urease Test Performed on Broth of Blood Culture Bottles Indicated Positive by Automated Blood Culture System” – as a Tool for Early Diagnosis of Brucellosis; **Dr. Neha Patel, Dr. Urvesh Shah**; GCSMC Journal of Medical Science Vol (VII) No. (1) July-December 2018
  4. A Study on Epidemiological Profile of Urinary Tract Infection in Perspective of Diabetic Status Among Patients Attending Tertiary Care Hospital, Ahmedabad; **Dr. Shruti Shah**; National Journal of Community Medicine; 31 August 2018
  5. “Resistance pattern of typhoid fever in children: A longitudinal community based study”**Dr. Urvesh Shah**, American journal of therapeutics, 2016 Sep-Oct; 23(5) **PMID:24987946**
  6. A prospective institution based study of Catheter Associated Urinary Tract Infection. **Dr. Neha Patel**; Scholars Journal of Applied Medical Sciences, Mar 2017;
  7. Antimicrobial Sensitivity Pattern of *Salmonella Spp.* Isolated From Blood Culture of Clinical Suspected Case of Enteric Fever at Tertiary Care Hospital, Ahmedabad; **Dr. Indu Patel, Dr. Urvesh Shah, Dr. Dhruvi Patel**; **National Journal of Integrated Research in Medicine**; Nov- Dec 2019
  8. Recurrent Pyrexia, Brucellosis, Underdiagnosis: the puzzle triad untangled by Blood Cultures – the benchmark tool coming to aid; **Dr. Urvesh Shah, Dr. Manisha Dhamecha**; GCSMC Journal of Medical Sciences, Jan-June 2017
1. A study of sagittal pelvic diameters and their variations with advancing age in Gujarati female population by reformatted computed tomography. Journal of Experimental and Clinical Anatomy - Volume 16, Issue 2, July-December 2017. **Ritesh K. Shah, Jalpa N. Desai, Bharat G. Patel**
  2. A study of lesser pelvic parameters and their correlation with age by reformatted computed tomography in western Indian Gujarati female population. National journal of clinical anatomy. vol-7[3]. Page 146-152. 2018 . **Ritesh K. Shah, Jalpa N. Desai**
  3. Femoral Neck Torsion: A Study of Adult Dry Femoral Bones. Indian Journal of Anatomy volume 7 Number 1, January - February 2018 45-49. **Ritesh K. Shah**
  4. Estimation of stature from head length in western Indian Gujarati adolescent population. Indian Journal of Clinical Anatomy and Physiology, January-March, 2018; 5(1); 42-46. **Ritesh K. Shah**
  5. Estimation of stature from head circumference in Gujarati adolescent population. Nat J of Clinical Anat. 2017. Vol 6(2) P 146-51. **Ritesh K. Shah**
  6. The cadaveric study of incidences of accessory cystic artery, Paripex - Indian Journal Of Research. Volume-7 | Issue-11 pp-41-43 .November-2018 . **Kiran Arora, Jalpa N. Desai**
  7. Anatomical variation in Lateral cutaneous nerve of thigh - a cadaveric study. International Journal of Current Research Vol- 12, Issue, 09, pp. 13761-13763, September, 2020 .**Jalpa N. Desai.**
  8. Sex determination from femur using length of femur in Gujarat. Int J Med Sci Public Health, 2020(9):536-539 .**Jalpa N. Desai.**
  9. Anatomical Variation In Genitofemoral Nerve—A Cadaveric Study. National Journal Of Integrated Research in Medicine 2020; Vol.11(5): 28-30. **Jalpa N. Desai**
  10. A Morphometric study of the proximal end tibia in state of Gujarat. Scholar journal of applied Medical science Feb 2018; 6(2): 544-547. **Dr Shital shah**
  11. Study of prevalence of Accessory Hepatic artery in 56 Cadaver. Paripex - Indian Journal Of Research. Volume-7 | Issue-2 pp-14-154 .November-2018 **Dr Shital shah**
  12. Morphometric analysis of the mandibular ramus and its clinical and medicolegal significance. International Journal of Research in Medical Sciences. 2019 Sep; 7(9):3235-3238. **Urvi H. Dave.**
  13. Anthropometric Analysis of Bicondylar Diameter and Its Medicolegal and Clinical Significance. International Journal of Research & Review Vol.6; Issue: 9; September 2019; 1-4. **Urvi H. Dave.**
  14. Study of pattern of distribution of mylohyoid bridging and their clinical implications. International Journal of Anatomy and Research, 2019, 7(3.1):6744-47. **Urvi H. Dave.**
  15. Cross sectional analysis of positional and numerical variations of mental foramina in dry human mandibles. Indian Journal of Clinical Anatomy and Physiology, January-March, 2019; 6(1):81-84 **Urvi H. Dave.**
  16. Cross sectional analysis of occurrence of accessory mandibular foramina and their positional variations in dry mandibles. International Journal of Anatomy and Research, 2019, Vol 7(1.1):6035-39. ISSN 2321-4287 **Urvi H. Dave.**
  17. Morphological study in dry human scapula. International journal of scientific research. vol.8; issue:2; pp-74-75, February 2019. **Kiran Arora, Niravkumar M Patel, Bharat G Patel**

Name	Topic of publication	Journal	Year
Dr Manisha Makawana, Dr Anand Mistry, Dr Vilas Patel	Physiological assessment of common carotid artery end diastolic velocity, with the future risk for the development of cerebrovascular stroke	IJABMS	2018
Dr Manisha Makawana Dr Vilas Patel	Assessment of common carotid artery haemodynamic parameters to evaluate risk factor smoking for development of cerebrovascular stroke by using carotid Doppler ultrasound	NJIRM	2019
Dr Manisha Makawana Dr Vilas Patel	Assessment of carotid sonographic parameter pulsatility index associated with stroke risk among hypertension with diabetic stroke patients compared to hypertension with diabetic controls	NJIRM	2020
Dr Lopa Vaidya Dr N J Shah Dr Anand Mistry	Evaluation of hearing acuity in young adults using personal listening devices with earphones	IJBAP	2018
Dr Lopa Vaidya Dr N J Shah	Audiological findings in various personal listening devices users and non users	IJABMS	2019
Dr N J Shah	A study of cardiorespiratory efficiency following Yoga in healthy Indian medical students	NJPPP	2019
Dr N J Shah	Effect of 4 weeks' yoga practice on respiratory function tests in young adults	NJPPP	2019
Dr N J Shah	To study the effect of BMI on nerve conduction velocity	IJABP	2019
Dr Jaydeep Kagathara	A Comparative Study on Effect of Various Warm up Methods in Untrained Students	IJOP	2018
Dr Jaydeep Kagathara	Effect of yoga on cardiorespiratory parameter in medical students	IJOP	2020

#### **List of Publications -Community Medicine Department, GCS Medical College, Ahmedabad**

1. Study on Epidemiological Profile of Urinary Tract Infections in Perspective of Diabetic Status among Patients Attending Tertiary Care Hospital, Ahmedabad.

National Journal of Community Medicine: 2018; 9(8)  
Viral Dave, Venu Shah, Shruti Shah, K.N. Sonaliya

2. Risk factors of occupation related back pain and neck pain among patients attending tertiary care hospital, Ahmedabad, India.

Journal of Preventive Medicine and Hygiene 2019; 60(4): E419-E427.

Viral Dave, Hardika Kamani, Rujul P Shukla, K.N. Sonaliya

3. An Epidemiological study of health behavioral and protective factors among school going adolescents (aged 13-17 years) of Ahmedabad, Gujarat using the Global School-based Student Health Survey (GSHS) questionnaire”

Indian Journal of Community Health (A National Journal of the Indian Association of Preventive & Social Medicine): January-March 2020;32 (1), 28-34.

Donald S. Christian, Mansi Patel, Asha Solanki

4. "Prevalence of Internet Addiction among College students of Ahmedabad city"

Healthline Journal (A National Journal of the Indian Association of Preventive & Social Medicine), July-December 2019 ;10(2), 22-28.

Donald S. Christian, Bhavik Rana, Jayshree Tolani , K. N. Sonaliya.

5. "Treatment adherence among asthma patients attending a hospital of Ahmedabad"

Indian Journal of Community Health, April-June 2018;30(2), 127-132.

Donald S. Christian, Deepali Kamdar

6. Sero prevalence of hepatitis E virus among blood donors in tertiary care center of north Gujarat.

Innovative Education and Scientific Research Foundation, Indian Journal of Pathology and Oncology, Ind J Pathol Oncol, 2018;5(3), 446-449.

Nimisha Shethwala, Amar Shah, Venu Shah

7. "Knowledge, Attitude and Practices of adult immunization among resident doctors in Ahmedabad city, Gujarat"

GCSMC Journal of Medical Sciences, July-December 2018; 7(2), 84-89.

Kamleshkumar Jain, Donald S Christian, Haresh Chandwani, Jayshree N.Tolani

8. Current scenario of menopause-related symptoms using menopause rating scale among middle-aged women of Western India: A cross-sectional study.

Int J Med Sci Public Health 2018;7(1), 48-52

Mansi Patel, Venu Shah, Hardika Kamani, Kantibhai Sonaliya

9. "Completeness and Appropriateness of Integrated Management of Neonatal & Childhood Illness (IMNCI) forms filled by the Interns in field area of tertiary care hospital in Gujarat", National Journal of Community Medicine; Feb 2018; 9 (2), 125-129

**Rujul P Shukla**, Neha Das, Dinesh Kumar, Uday Shankar Singh

10. "Completeness and Appropriateness of up to 2 months Integrated Management of Neonatal & Childhood Illness (IMNCI) forms filled by the Interns in field area of tertiary care hospital in Gujarat", Healthline Journal, January-June 2019; 10 (1), 44-48

**Rujul P Shukla**, Neha Das, Dinesh Kumar, Uday Shankar Singh

11. "A study on Prevalence and Determinants of Depression amongst Indian Population during covid-19 Pandemic lockdown"

GCSMC Journal of Medical Science January-June 2020; 9 (1), 15-21

Rujul P Shukla, Asha Solanki, Viral Dave, K.N.Sonaliya

12. Assessment of the Morbidity Pattern of Persons Living At Old Age Homes of Ahmedabad City. Natl J Community Med 2018; 9 (12): 840-845

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13. Public Health Management: Principles and practice. Indian J Community Med 2019;44:179

Viral Dave



**1. Dr. Chetan B. Jani – Professor & Head**

Sl. No.	Authorship	Title	Category	Journal	Type	Vol	Issue	Year	Page No.
	Second	Haemopericardium...traumatic or spontaneous?	Case report	Journal of Indian Academy of Forensic Medicine	National	0		018	69-372
	Second	Histology of seeds – Sprouting the neurons for diagnosis of poisoning	Original study	International Journal of Health Research and Medico Legal Practice (IJHRMLP)	International			020	8-33

**2. Dr. Mohammed Ziyauddin G. Saiyed - Associate Professor**

Sl. No.	Authorship	Title	Category	Journal	Type	Vol	Issue	Year	Page No.
	First	Haemopericardium...traumatic or spontaneous?	Case report	Journal of Indian Academy of Forensic Medicine	National	0		018	69-372
	First	Histology of seeds – Sprouting the neurons for diagnosis of poisoning	Original study	International Journal of Health Research and Medico Legal Practice (IJHRMLP)	International			020	8-33

**3. Dr. Manjit J. Nayak**

Title	Category	Journal	Type	Vol	Issue	Year	Page No.
Assessment of awareness, knowledge, attitude and practice regarding organ donation among Medical Teachers and Post-Graduate.	Original study	International Journal of Health Research and Medico Legal Practice (IJHRMLP)	International			019	6-60
Pattern of poisoning autopsy cases reported to civil hospital Ahmedabad - a one year retrospective study.	Original study	International Journal of Health Research and Medico Legal Practice (IJHRMLP)	International			020	4-27
Trends & Pattern in unnatural female Death cases due to burn: A one year Retro-spective study.	Original study	Indian Journal of Forensic Medicine & Toxicology	National	4		020	9-23

### Department of General Medicine - List of Publications

- Title: Clinical Epidemiological Characterisation of Severe Plasmodium Vivax Malaria in Gujarat India  
Dr. Asha N. Shah Virulence vol 11 2020
- Title: Covid 19 An Enigmatic Challenge  
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#### **Department of General Surgery**

1. A study of management of patients with liver abscess (Dr. Mihir Patel, Dr. Yogendra Modi)
2. A study of management of patients with ventral hernia (Dr. Sahista Belim, Dr. Vidhyasagar Sharma).
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4. A prospective study of management of pseudocyst of pancreas (Dr. Akshar Patel, Dr. Shashank Desai).
5. A prospective comparative study between early and interval cholecystectomy in cases of acute cholecystitis (Dr. Niraj Bhalara, Dr. Jaimish Gajjar).
6. A study of comparison between single layer closure and conventional layered closure of midline laparotomy incision (Dr. Darshan Patel, Dr. Shashank Desai).
7. A study of comparison between onlay vs underlay meshplasty in ventral hernia repair (Dr. Tirth Patel, Dr. Jaimish Gajjar).
8. A prospective study of surgical management of patients with breast carcinoma (Dr. Amruthavarshini Halogodu, Dr. Vidhyasagar Sharma).
9. A prospective study of use of various flaps in head and neck reconstruction surgeries (Dr. Shrey Shah, Dr. Sushil Akruwala).
10. A prospective study of surgical difficulties in laparoscopic cholecystectomy in male vs female patients (Dr. Brijesh Parmar, Dr. Dipak Trivedi).
11. A Prospective Study in Management of Incisional Hernia (Dr. Virat Patel, Dr. Vidhyasagar Sharma).
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13. A Prospective Study to Determine the role of Subcutaneous Closed Vacuum Drain in patients undergoing Laparotomy (Dr. Rahul Vaidya, Dr. Jaimish Gajjar).
14. An Observational Prospective Study in Management of Fistula in Ano (Dr. Rahul Parmar, Dr. Yogendra Modi).
15. An Observational Prospective Study of Cervical Lymphadenopathy at Tertiary Health Care Centre (Dr. Dhaval Chaudhri, Dr. Sushil Akruwala).

### **Department of Orthopaedics**

1. Study For evaluation early operative results of flexor hallucis longus transfer in chronic calcified tendoachilis tendinopathy and tendoachilis rupture. Dr. Mayur Kalariya.
2. To assess the functional outcome of proximal humerus fracture treated with PHILOS plating. Dr. SagarKhanpara
3. Comparative analysis of functional outcome with peroneus longus tendon autograft in ACL surgery as comparative to semitendinosus tendon autograft. Dr. DhruvikLathiya
4. Case study of surgical management and outcomes of posterior coronal intra articular fractures of proximal tibia on CT based classification. Dr. Vedant Shah
5. Evaluation of outcome of humerus shaft fracture treated by minimal invasive plate osteosynthesis. Dr. Mitesh
6. Functional and radiological outcome of total knee arthroplasty in arthritis of knee joint. Dr. Sunil Maheshwari
7. Functional and radiological outcome after total hip arthroplasty in osteoarthritis of hip. Dr. Nishant Patel
8. Functional outcome of bicondylar tibial plateau fracture fix with dual plating. Dr Tejas Naik
9. Augmentation of lateral wall in fixation of unstable intertrochanteric fracture. Dr Vaibhav Vyas
10. USFDA approval study – A randomized, double blind trial to study bioequivalence using clinical endpoint of diclofenac sodium topical gel 1%.

### **Department of Ophthalmology**

<b>Title</b>	<b>Authors</b>
A study of ocular side-effects in tuberculosis category I and II patients receiving DOTS therapy containing ethambutol	Dr. Aarti H. Dave Dr Hemaxi Desai Dr. Naina chaturvedi
Clinical evaluation of early corneal changes after phacoemulsification	Dr. Khushi Shah Dr.Bharat Ghodadra Dr.Hemaxi Desai Dr.Surohi Shah
Diurnal variation in intraocular pressure of glaucoma patients under treatment	Dr. Aarti Popat Dr.Bharat Ghodadra Dr.Hemaxi Desai Dr.Surohi Shah

Prospective evaluation of tear film and cornea in bilateral cataract cases undergoing unilateral cataract surgery	Dr.Naina Chaturvedi Dr.Bharat Ghodadra Dr.Hemaxi Desai Dr.Surohi Shah
Evaluation of corneal endothelium in glaucoma patients	Dr. Disha Jariwala Dr.Bharat Ghodadra Dr.Hemaxi Desai Dr.Surohi Shah
Awareness regarding cataract and glaucoma in patients visiting OPD of tertiary health care centre	Dr.Naina Chaturvedi Dr.Surohi Shah
Prevalence of pseudomyopia amongst patients visiting ophthalmology out patient department in a tertiary care centre in Ahmedabad	Dr. Disha Jariwala Dr. Hemaxi Desai
To evaluate the changes in refraction following pterygium surgery	Dr.Naina Chaturvedi Dr. Hemaxi Desai Dr. Aarti dave
Effect of digital devices on ocular surface and tear film of eye	Dr.Disha Jariwala Dr.Hemaxi Desai Dr.Surohi Shah
Clinical study of ocular manifestations in thyroid diseases	Dr.Khyati Sharma Dr.Bharat Ghodadra
Correlation of structural and functional changes in glaucoma patients based on visual field and ocular coherence tomography	Dr.Ronak Bhanat Dr. Hemaxi Desai

#### **Department of Otorhinolaryngology**

1. A study on incidence and types of Otomycosis in patients clinically diagnosed with CSOM - Dr. YB Chattbar / Dr. Vaibhav Patel
2. Anatomical variations in Thyroid surgery – Dr. Vishal Dave / Dr. Drashty Bavarva
3. Efficacy of Autologous platelet rich fibrin graft in healing of small dry central tympanic membrane perforation – Dr. Suktara Sharma / Dr Prachi Patel