

Research Publications (Last Three Years)
Department of Medicine

S. No.	Title
	Year : 2025
1	Nilesh Zinzala, Kamal Naik Reversible dilated cardiomyopathy in thyrotoxicosis, Indian journal of Applied Research, Volume15,issue 606- June 2025
2	Ankur Patel, Bhavesh Gaikwad, Asmita Rathod Association between proportional Pulse pressure and grades of heart failure based on left ventricular ejection fraction in echocardiography, European journal of cardiovascular Medicine 24.3.2025
3	Ankur Patel, Vivek Gurjar Prognostic and severity assessment of microalbuminuria in acute ischemic stroke patients, CME Journal of Geriatric Medicine29.3.2025
4	Smit Patel, Praful Kothari, Rajan Patel, Fenil Vaghasiya, Chintan Patel, Mahin Shah, Shreya Javiya Lupus Nephritis Masquerading as Abdominal Tuberculosis
5	Namrata Patel, Fenil Vaghasiya, Ashok Kumar Choudhary, Purvi Patel, Correlation between Red Cell Distribution Width and Severity of Ischemic Cerebrovascular Stroke, International Journal of Current Pharmaceutical Review and Research Issue 1 Volume 18, Page 318, 2026
6	Umang J. Shah, Khushal Peshivadia, Deepak Shukla, *Rakesh Raval EVALUATION OF ASPARTATE AMINO TRANSFERASE TO PLATELET RATIO INDEX (APRI) AS A NON-INVASIVE PREDICTOR OF ESOPHAGEAL VARICES IN CIRRHOTIC PATIENTS: A CROSS-SECTIONAL STUDY , International Journal of Medicine and Public Health (IJMEDPH) on Vol. 15, Issue 4, (2025)
7	Shah H, Vamja A, Patel A, Kalsara V. Epicardial fat thickness in patients with acute coronary syndrome, an echocardiographic assessment. EJCM, 2025; 15(11) : 540-545.
8	Shreya Javiya, Smit B. Patel, Praful Kothari, Mahin Shah , Devansh Patel, Saakshi Kothari. Restrictive Pattern of Pulmonary Function in Type 2 Diabetes Mellitus and Its Correlation with Glycemic Control. International Journal of Current Pharmaceutical Review and Research 2025 in volume 17, issue 11, Article 178 Dated : 21/10/2025
9	Mahin Shah, Chintan Patel, Praful Kothari, Shreya Javiya, Saakshi Kothari. To Study the Association between Aspartate Aminotransferase-to-Platelet Ratio Index (APRI) and Severity of Dengue Fever. International Journal of Current Pharmaceutical Review and Research 2025 in volume 17, issue 12, article 6 Dated 6-12-2025
10	Sanjaykumar Kachhad, Bhaveshkumar Gayakwad, Rakeshkumar Raval, Pragati Patel. Evaluating Serum Albumin as a Severity and Prognostic Marker in Dengue Fever Patients: Insights from a Tertiary Healthcare Study,International Journal of Medicine and Public Health, Volume 15, Issue 1,January–March 2025(accepted 20-02-2025).

Publications from the department during the past 3 years...contd...

Research Publications (Last Three Years)

Department of Medicine

S. No.	Title
	Year : 2024
1	Patel A, BavariyaD. Association between Tp-e/Q Tratioin 12 lead ECG and major adverse cardiac events during hospital stay among acute ST elevation myocardial infarction patients. (original article accepted in JIMA, not published yet)
2	Khambhala F, Parmar P, Dhangar V, Gayakwad B. A study to see effects of thyroid hormone replacement therapy on glycated hemoglobin levels in non-diabetic subjects with newly detected overt hypothyroidism in tertiary care hospital in south Gujarat. International journal of Medical science & current research(online)vol7,issue4,page 244-251.July-August 2024
3	Vaidya M, Patel K,Shah N. Study of VitaminB12 deficiency in vegetarian outpatients Presenting to a Tertiary Hospital. International journal of Medical science & current research (online) vol 7, issue 5, page 179-184. September-October 2024.
4	Bhimani S, Vaghasiya J, Choudhry A, Kothari P. A study of serum electrolytes in acute exacerbation of Chronic Obstructive Pulmonary Disease in Tertiary Care Hospital. International journal of Medical science & current research (online) vol7,issue3,page .394-445.May-June2024
5	Bijoy desai , vandana dhangar , mahipal chaudhary . A cross sectional study of association between serum calcium level and severity of dengue virus infection in a tertiary care hospital in western province of india . International journal of scientific research volume 13 issue 11 november 2024
	Year : 2023
1	PatelO, ShahH, GosaliaH, DoctorN. Study of Thyroid dysfunction in Metabolic Syndrome patients. JIMA, Journal of Indian Medical Association 2023.Vol 121,no.11:14-17
2	RathodA, NagochaS, GagiyaA, Patela, ShahH. Serum Uricacid level and its clinical outcome in patients with acute ST elevation myocardial infarction. JCDR, Journal of Cardiovascular Disease Research 2023.Vol14(Issue07):1651-63
3	GurjarV, PatelH, GagiaA, Patela, ChaudhryP .Correlation of the red cell distribution width value with severity of sepsis. EJCM, European Journal of Cardiovascular Medicine 2023.Vol13(Issue3): 1416-20
4	Kasundra A, Kakadiya C, Srivastav V, Patel D, Prajapati M, Naik K, Patel M, Kakadiya J, Patel P. A study correlating clinical severity & outcome in ischemic cerebrovascular stroke patients with blood sugar levels on admission. JIMI, Journal of Internal Medicine of India2023.

Surat Municipal Institute of Medical Education and Research
(SMIMER), Surat
Department of Medicine

Research Publication during the year 2023.

S. No.	Research	Investigators
1.	Assessment of foot care awareness among Diabetic patients in a tertiary care hospital	Mrunalini Jadav Dr Ankur Patel
2.	A study of complications and factors associated with outcomes of Mucormycosis in a Tertiary care hospital of South Gujarat during the covid Pandemic of 2021-22	Dr Pritesh Patel Dr Vipul Srivastav
3.	A study of Clinical Manifestations of Post Covid Mucormycosis Cases admitted in a Tertiary care center of South Gujarat during the Covid Pandemic of 2021-2022	Dr Chintan Kakadiya Dr Vipul Srivastav
4.	A Study of Serum Electrolytes In Acute Exacerbation of COPD in a tertiary care Hospital	Dr Kaushik Hadiya Dr Ashok Choudhary
5.	A study of an association between serum Calcium level and severity of Dengue Virus Infection In a Tertiary Care Hospital	Dr Mahipal Chaudhary Dr Ashok Choudhary
6.	Association between the Tpe/Qt ration in 12 lead ECG And In Hospital prognosis in acute ST elevation Myocardial Infarction Patients	Dr Deep Bavaria Dr Ankur Patel
7.	A study of D- Dimer as a prognostic Marker in patients with Covid 19 infection in a tertiary care hospital in South Gujarat	Dr Dhaval Korat Dr Deepak Shukla
8	Risk factors for development of Acute kidney injury in Covid 19 Patients in a Tertiary Care Hospital	Dr Meet Ladani Dr Deepak Shukla
9	A study of Correlation between 2D Echo findings in a patient of COPD in a Tertiary Care Hospital	Dr Kunal Patel Dr Vinod Dandge
10	A study of association between Hypothyroidism and HbA1C levels in a Tertiary Care Hospital	Dr Priyank Parmar Dr Vandana Dhangar

11	Role of Serum Uric Acid as a prognostic marker in Acute Myocardial Infarction	Dr Suresh Nagocha Dr Ashok Gagiya
12	Study of an elevated Red blood cell distribution width as a prognostic marker in sepsis in patients admitted to A tertiary care Hospital of South Gujarat	Dr Harshil Patel Dr Ashok Gagiya
13	A study of correlation of mean platelet volume as a severity predictor marker in patients with Ischemic Cerebrovascular Stroke in a tertiary care Hospital of South Gujarat	Dr Om Patel Dr Nilesh Doctor
14	A study of Interleukin -6 as prognostic Marker in confirmed Covid- 19 infection in a tertiary care hospital of South Gujarat	Dr HarshilGosaliaDrNilesh Doctor
15	A study of serum lipid profile as a prognostic marker in patients with cirrhosis of liver admitted in a tertiary care hospital.	Dr MaulikPrajapati Dr Kamal Naik
16	A study of serum ferritin as a prognostic marker in patients with COVID-19 infection in a tertiary care hospital in South Gujarat	Dr Ruchik Patel Dr Naimesh Shah
17	Association between proportional pulse pressure and grades of heart failure based on left ventricular ejection fraction in echocardiography.	Dr Asmita Rathod Dr Ankur Patel
18	Study of Thyroid dysfunction in Metabolic Syndrome patients. JIMA, Journal of Indian Medical Association 2023.Vol 121, no.11:14-17	Patel O, Shah H, Gosalia H, Doctor N
19	Serum Uric acid level and its clinical outcome in patients with acute ST elevation myocardial infarction. JCDR, Journal of cardiovascular Disease Research 2023.Vol14 (Issue 07):1651-63	Rathod A, Nagocha S, Gagiya A, Patel A, Shah H
20	Correlation of the red cell distribution width value with severity of sepsis. EJCM, European Journal of Cardiovascular Medicine 2023.Vol13(Issue3): 1416-20	Gurjar V, Patel H, Gagia A, Patel A, Chaudhry P
21	A study correlating clinical severity & outcome in ischemic cerebrovascular stroke patients with blood sugar levels on admission.JIMI, Journal of Internal Medicine of India2023.	Kasundra A, Kakadiya C, Srivastav V, Patel D, Prajapati M, Naik K, Patel M, Kakadiya J, Patel P