



GCRI Annual Report 2023-24

Q2. PUBLICATIONS APRIL 2023-MARCH 2024

Anaesthesiology

1	Sanobar Khokhar, Jayshree Thakkar, Rekha Solanki, Suman Fefar, Neel Patel, Jai Kishore, Leena Ramteke: Efficacy of ultrasound-guided transversus abdominis plane block versus epidural block for postoperative analgesia following lower abdominal cancer surgeries-A randomised clinical study. Journal of Clinical and Diagnostic Research. 2023; 17(5): 18-22.
2	Rekha Solanki, Jayshree Thakkar: Awake self-proning for COVID-19 non-intubated patients-A single-centered experience. Ain-Shams Journal of Anaesthesiology. 2023; 15: 87.
3	Suman Fefar, Rekha Solanki, Jayshree Thakkar, Shivratn Modi, Hiteshvani Patel, Arunkumar Kethavath, Yarric Vashi: Comparison of Nalbuphine hydrochloride and Fentanyl citrate for total intravenous anaesthesia in short surgical procedures: A randomised control study. Journal of Clinical and Diagnostic Research. 2023; 17(12): 29-33.
4	Misha Agarwal, Leena Patel, Rinkal Patel, Jayshree Thakkar: Effect of intraoperative intravenous infusion of magnesium sulphate during spinal anaesthesia on postoperative analgesia: A randomized study. International Journal of Pharmaceutical and Clinical Research. 2023; 15(9): 1465-1471.
5	Anupama Kisku, Leena Patel, Twinkal Chaudhari, Pinal Chaudhari, Dinkal Patel, Mohit Khatrikar: Intranasal dexmedetomidine vs midazolam for premedication in paediatric patients undergoing surgery. International Journal of Medical Science and Innovative Research. 2023; 8(4): 43-51.
6	Vidhi Solanki, Nita Gosai, Jayshree Thakkar, Urvi Bhakharia, Kiran Vaghela, Arathi C, Sagar Pithiya: Comparison of epidural morphine sulphate versus epidural morphine sulphate with bupivacaine hydrochloride for postoperative pain relief in patients undergoing lower abdominal surgery. International Journal of Medical Science and Advanced Clinical Research. 2023; 6(6): 87-97.
7	Bijal Shah, Parimal Bharai, Anjal Vasava: A Comparative study in the post-operative lumbar spine surgeries: Epidural Ropivacaine with dexmedetomidine and Epidural Ropivacaine with clonidine for post-operative analgesia. International Journal of Medical Science and Advanced Clinical Research. 2023; 6(3): 195-205.
8	Bijal Shah, Yash Modh, Payal Patel: Effects of epidural dexmedetomidine and low-volume bupivacaine on postoperative analgesia after orthopaedic lower-limb surgery. International Journal of Medical Science and Advanced Clinical Research. 2023; 6(3): 239-247.

Community Oncology & Medical Records

9	Anita Nath, Prashant Mathur, K. L. Sudarshan, Gurpreet Kaur Rajput, Leena Mascarenhas, Ramandeep Singh... Anand Shah , S. B. Singh, Varinder Singh, Pritanjali Singh, Deepak Sundriyal, R. Swaminathan, T. Avinash, T. Priya Kumari, Sopai Tawsik, Lokesh Tiwari: An assessment of childhood cancer care services in India-gaps, challenges and the way forward. The Lancet Regional Health-Southeast Asia. 2023; 16.
10	Anand Shah, Ratnakar Shrotriya, Shashank Pandya, Abhesinh Rathod, Vijay More, Sanjay Majethiya, Dhruvi Desai, Priti Sanghavi, Minesh Patel, Mona Darji: Optimizing execution of PM-JAY scheme for faster patient movement. A hospital based interventional study from Western India. 2023; http://dx.doi.org/10.21203/rs.3.rs-3130173/v1 .
11	Sathishkumar Krishnan, Jayasankar Pillai, Aleyamma Mathew, Rekha Nair, Nitin Gangane, Sushma Khuraijam... Anand Shah , Shiromani Debbarma, Shravani Koyande, Lalawmpuii Pachuau, Priya Pradhan, Gegong Jongkey, Meesha Chaturvedi, Priyanka Das, Prashant Mathur: Survival of patients with cervical cancer in India--findings from 11 population based cancer registries under National Cancer Registry Programme. The Lancet Regional Health-Southeast Asia. 2024; 24: 100296.



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12	Neerja Bhatla, Richard Muwonge, Sylla Malvi, Smita Joshi, Usha Rani Reddy Polie, Eric Lucas, Pulikkottil Esmy, Yogesh Verma, Anand Shah , Eric Zomawiai, Sharmila Pimplej, Kasturi Jayant,... Partha Basu: Impact of age at vaccination and cervical HPV infection status on binding and neutralizing antibody titers at 10 years after receiving single or higher doses of quadrivalent HPV vaccine. Human Vaccine & Immunotherapeutics. 2023; 19(3): 2289242.
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Cytogenetics

13	Pina Trivedi, Dharmesh Patel, Mahnaz Kazi, Priya Varma: Cytogenetic heterogeneity in chronic lymphocytic leukemia. Journal of Association of the Genetic Technologist. 2023; 49(1): 4-7.
14	Nidhi Mandaliya, Pina Trivedi, Dharmesh Patel, Mahnaz Kazi, Priti Trivedi, Priya Varma: Significance of molecular markers and deletion of 1p/19q in oligodendroglioma patients by fluorescence in situ hybridization technique-An institutional study. Journal of Clinical Reviews and Case Reports. 2023; 2(5): 1-6.
15	Mahnaz Kazi, Pina Trivedi, Dharmesh Patel, Priya Varma, Archana Patel: Her2 gene amplification by FISH technique in ovarian cancer patients. Journal of Clinical & Medical Images Case Reports. 2023; 3(4): 1520.
16	Pina Trivedi, Dharmesh Patel, Mahnaz Kazi, Priya Varma, Archana Patel: Paediatric acute megakaryoblast leukemia and down syndrome-An experience of a single institute. Medical & Clinical Case Reports. 2023; 1(2): 24-28.

Gynaecological Oncology

17	Asha Kumari, Chetana Parekh, Vishakha Tyagi, Shilpa Patel, Ruchi Arora, Ashika Padival: Vulvar Leiomyoma: A rare clinical entity. Gujarat Cancer Society Research Journal. 2023; 25 (1): 13-15.
18	Faraz Vali, Pariseema Dave, Bijal Patel: Case of dysgerminoma with partial deletion of X chromosome. Gujarat Cancer Society Research Journal. 2023; 25(1): 16-18.
19	Asha Kumari, Chetana Parekh, Shilpa Patel, Ruchi Arora, Vishakha Tyagi, Ashika Padival: Effect of time interval from completion of neoadjuvant chemotherapy to starting of adjuvant chemotherapy after interval debulking surgery on survival of patients with advanced ovarian cancer. International Journal of Reproduction, Contraception, Obstetrics and Gynaecology. 2023; 12(5): 1326-1331.
20	Amol Bhardwaj, Priyanka Vemanamandhi, Chetna Parekh, Ruchi Arora, Shilpa Patel: Paraduodenal hernia during surgery for carcinoma of ovary: An intra-operative surprise. International Journal of Gynaecological Cancer. 2023; 1-2.
21	Priyanka Vemanamandhi, Ruchi Arora, Shilpa Patel, Chetna Parekh: Amebic cervicitis: A rare cervical cancer mimic. Indian Journal of Gynaecologic Oncology. 2023; 21(3): 60
22	Rubi Gupta, Pariseema Dave, Bijal Patel, Remi Shukur: A rare occurrence of solid gynaecological malignancy synchronous with hematological malignancy: Rare case and review of literature. Indian Journal of Medical and Paediatric Oncology. 2023; 1-4.
23	Remi Shukur, Bijal Patel, Pariseema Dave, Shilpa Patel: A retrospective observational study on clinicopathological features, optimal management and recurrence patterns in low-grade endometrial stromal sarcoma. Indian Journal of Gynaecologic Oncology. 2023; 21: 77.
24	Abhilash Vasanth, Shilpa Patel, Ruchi Arora, Chetana Parekh, Pariseema Dave, Bijal Patel, Priyanka Vemanamandhi: Study of neoadjuvant chemotherapy in advanced malignant ovarian germ cell tumors at a tertiary center in Western India. Journal of Gynaecologic Oncology. 2024; 35(2): e19.



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Immunohematology

- 25 Hemangini Vora, Mansi Desai, Ghanshyam Patel, Nupur Patel, Prabhudas Patel: Comparative genomic hybridization and transcriptome microarray analysis in triple negative breast cancer: An Indian study. *Advance Cancer Biological Metastasis*. 2023; 9: 100-109.
- 26 Hemangini Vora, Misba Gavali, Nupur Patel: A study of COL2A1 expression in triple-negative breast cancer patients. *Global Journal of Clinical Medicine and Medical Research*. 2023; 1(4): 1-5.
- 27 Bhoomi Vaniya, Nupur Patel, Hemangini Vora: A study of MMP7 expression in triple negative breast cancer patients. *International Association of Biological and Computational Digest*. 2023; 2(2): 1-6.
- 28 Bhaumik Prajapati, Birva Raiya, Hemangini Vora: Expression of CD123 in B-acute lymphoblastic leukemia as a predictor of BCR/ABL rearrangement and disease relapse. *Asian Hematology Research Journal*. 2023; 6(4): 277-285.
- 29 Khushbu Patel, Kruti Rajvik, Hemangini Vora: A study of Stat-6 expression in triple negative breast cancer patients. *Cancer Therapy and Oncology*. 2023; 25(4): 1-6.

Medical and Paediatric Oncology

- 30 Kajal Shah, Harsha Panchal, Apurva Patel, Kushboo Jain, Sandeep Ramavat, Abhijeet Kokate: Adult mixed phenotype acute leukaemia in a Western India. *International Journal of Scientific Research*. 2024; 13(2): 53-56.
- 31 Abhijeet Kokate, Harsha Panchal, Apurva Patel, Sonia Parikh, Kajal Shah, Sandeep Shah, Khushboo Jain: A case of primary extraskeletal osteosarcoma of the breast: A rare case report and literature review. *International Journal of Scientific Research*. 2023; 12(4): 49-50.
- 32 Debanti Banerjee, Sonia Parikh, Harsha Panchal, Apurva Patel: Extensively metastatic lung carcinoma without any actionable mutation in a 20 year old non-smoker adolescent male-A case report. *International Journal of Science and Research*. 2023; 12(6): 1225-1228.

Molecular Diagnostics & Research Lab-I

- 33 Dhruva Trivedi, Trupti Trivedi: Brain tumor autophagy: A new breakthrough in cancer research. *Journal of Cancer Research and Cellular Therapeutics*. 2023; 7(2): 1-5.
- 34 Dhruva Trivedi, Trupti Trivedi: Autophagy intervened by microRNAs causes gliomas. *Journal of Neuro and Oncology Research*. 2023; 3(3): 1-8.
- 35 Nikul Gohil, Neha Bhalala, Mittal Mistry, Priti Trivedi, Trupti Trivedi: Mutations in IDH1/2 genes predict better disease outcome of glioma patients-A study from Western India. *Basic and Clinical Cancer Research*. 2023; 14(4): 202-212.

Molecular Diagnostics & Research Lab-II

- 36 Kinjal Gajjar, Toral Mandalia, Disha Jethva, Jayendra Patel, Nandita Ghosh, Hemangini Vora: Potency of thymidylate synthase in predicting prognosis and therapeutic response in colorectal cancer patients. *International Journal of Innovative Science and Research Technology*. 2023; 8(7): 2469-2479.

Molecular Diagnostics & Research Lab-III

- 37 Jigna Joshi, Apexa Pandit, Bhoomi Tarapara, Hitarth Patel, Hunayna Bhavnagari, Harsha Panchal, Franky Shah: An association of epidermal growth factor receptor mutation subtypes with prognostic prediction and site-specific recurrence in advanced stage lung cancer patients. *Molecular Biology Reports*. 2023; 50(6): 5105-5115.
- 38 Hitarth Patel, Jigna Joshi, Franky Shah: A clinicopathological exploration of hedgehog signaling: Implications in oral carcinogenesis. *Journal of Cancer Research & Clinical Oncology*. 2023; 149(18): 16525-16535.
- 39 Jigna Joshi, Apexa Pandit, Franky Shah: Nicotine mediated epithelial modulations: An *In-vitro* evidence. *Journal of Oral Biology & Craniofacial Research*. 2023; 13(6): 796-800.



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40	Hunayna Bhavnagari, Apexa Raval, Franky Shah: Deciphering potential role of hippo signaling pathway in breast cancer: A comprehensive Review. <i>Current Pharmaceutical Design</i> . 2023; 29(44): 3505-3518.
41	Hunayna Bhavnagari, Franky Shah: In silico analysis of hippo signaling pathway associated microRNAs in breast cancer. <i>Human Gene</i> . 2024; 39: 201269.

Oncopathology

42	Majal Dharaiya, Shaini Shah, Bidyut Gogoi, Priti Trivedi: Cytohistopathological correlation of abnormal Papanicolaou smears: study at a tertiary care center. <i>International Journal of Scientific Research</i> . 2023; 12(8): 36-37.
43	Jyoti Sawhney: Monoclonal gammopathy of clinical significance. Book Chapter-Hematology Pearls. 2023: 123-133.
44	Shailee Mehta, Jahnvi Gandhi, Bangalore Reddy Nagarjun, Priti Trivedi: When to settle for SETTLE! A lesson learned from our cases. <i>Journal of Thyroid Research</i> . 2024; 17(6).
45	Varnika Rai, Poornima Manimaran, Anurag Saha, Vikas Kailahiya, Jyoti Sawhney, Sandeep Ramawat, Sneha Kakoty: Untangling the strands of hairy cell leukemia: The clinicopathological spectrum over eleven years at a tertiary care center. <i>Discoveries (Craiova)</i> . 2023; 11(2): e166.
46	Varnika Rai, Anurag Saha, Shweta Gondha, Poornima Manimaran, Jyoti Sawhney: Splenic B-cell lymphoma/leukemia with prominent nucleoli: A three-case series of the newly named old entity and review of literature. <i>Journal of Cancer Research and Therapeutics</i> . 2023; 20(1): 315-321.
47	Varnika Rai, Anurag Saha, Shailee Mehta, Rujuta Shah, Priti Trivedi, Satarupa Samanta, Priyank Rathod, Poornima Manimaran: International medullary thyroid carcinoma grading system: An Indian tertiary care center experience. <i>European Archives of Oto-Rhino-Laryngology</i> . 2023; 281: 1571-1579.
48	Varnika Rai, Beena Brahmbhatt, Anurag Saha, Immanuel Paul Thayakaran: Clinico hematological and immunophenotypic profile of acute leukemia of ambiguous lineage: A four-year experience from a single tertiary care centre of West India. <i>Indian J of Pathology and Microbiology</i> . 2023; 67(1): 1-7.
49	Sneha Kakoty, Dhaval Jetly, Paheli Maru, Anurag Saha, Varnika Rai: Pure foamy gland carcinoma of prostate-A series of rare cases. <i>Journal of Medical Sciences and Health</i> . 2023; 9(2): 229-232.
50	Sneha Kakoty, Anurag Saha, Torsha Jana, Paheli Maru, Jyoti Sawhney: Clinicopathological profile of Myelodysplastic Syndrome (MDS) with monosomy 7 and deletion 7q: An institutional experience. <i>Asian Journal of Oncology</i> . 2023; 9: 15.
51	Prajitha P, Udaya Sundarajan, Majal Dharaiya: Diagnostic value of CSF cytology in hematolymphoid and solid tumors: A tertiary care centre experience. <i>International Journal of Scientific Research</i> . 2023; 12(8): 1-3.
52	Karthik Dhandapani, Sunitha Shankaralingappa, Trupti Patel, Sangita Vanik, Bangalore Reddy Nagarjun, Udaya Sundarajan: Reporting breast fine needle aspiration cytology using the international academy of cytology Yokohama system. <i>IP Archives of Cytology and Histopathology Research</i> . 2023; 8(3): 169-179.
53	Karthik Dhandapani, Ashini Shah, Shilpa Kapoor, Jahnvi Gandhi, Immanuel Paul Thayakaran, Priti Trivedi: Cystic hyper-secretory carcinoma of the breast: A rare case report with review of literature and emphasis on differential diagnosis. <i>South Asian Journal of Cancer</i> . 2023; 12(3): 297-302.
54	Karthik Dhandapani, Shankaralingappa Sunitha, Udaya Sundarajan, Biren Parikh, Jayendrakumar Patel, Disha Jethva: C-Kit and FLT3 mutation status in acute myeloid leukemia with cytogenetic correlation and prognosis: A series of 75 cases. <i>IP Journal of Diagnostic Pathology and Oncology</i> . 2023; 8(4): 217-222.
55	Poornima Manimaran, Varnika Rai, Rahul Ranka, Jyoti Sawhney: Plasma cell leukemia clinicopathological profile from a tertiary care center in Western India. <i>South Asian Journal of Cancer</i> . 2023; 12(3): 280-285.



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56	Shilpa Kapoor, Shailee Mehta, Satarupa Samanta, Priti Trivedi: Misdiagnosis of peritoneal mesothelioma as ovarian carcinoma in a young female: Who is gatecrashing your masquerade party?' Journal of Gynecological Oncology. 2023; 21(16): 1-5.
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58	Paheli Maru, Beena Brahmabhatt, Sangita Vanik, Sneha Kakoty: Tertiary care center experience: An overview of primary mediastinal lymphomas. Indian Journal of Pathology and Microbiology. 2024; 67(3): 569-575.
Palliative Medicine	
60	Dipesh Dave, Priti Sanghavi, Bhavna Patel, Ravi Umrana, Himanshu Patel, Nisha Ajmeri: Impact of palliative care intervention on knowledge, attitude and practice regarding nursing care issues in caregivers of head and neck cancer patients at hospice. International Journal of Oncological Nursing and Practices. 2023; 1(2): 27-35.
61	Chishi Kikato, Bhavna Patel, Ravi Umrana, Priti Sanghavi, Varun Yadav, Lekha Raval: Prevalence of delirium in advance cancer patients admitted in hospice centre and outcome after palliative intervention. Indian Journal of Palliative Care. 2023; 29: 82-88.
Radiation Oncology	
62	J Bhuvana, Vinay Shivhare, Satyajeet Rath, Ankita Parikh, U Suryanarayan: The current role of adjuvant radiotherapy in management of medullary thyroid carcinoma: A single institute analysis. Journal of Cancer Research and Therapeutics. 2024 (In press).
63	Vinay Shivhare, Satyajeet Rath, Isha Shah, Niranjana Dash, Ankita Parikh, U Suryanarayana: Survival outcomes and failure patterns for oropharyngeal cancers treated with simultaneous integrated boost in intensity modulated radiotherapy (SIB-IMRT) and concurrent chemotherapy. Clinical Oncology, 2024; 38(3): 202-208.
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65	Mohamed Taher Mithi, Mohit Sharma, Ketul Puj, Jahnvi Gandhi, Ankita Parikh, Shivang Shukla: Neoadjuvant chemoradiation followed by surgery for locally advanced squamous cell carcinoma of oesophagus: Demographics and evaluation of prognostic factors at a tertiary care center in India. Indian Journal of Surgical Oncology. 2024; 15(1): 129-135.
Surgical Oncology	
66	Shivang Shukla, Priyank Rathod, Shashank Pandya, Mohit Sharma, Shailesh Patel, Vikas Warikoo, Abhijeet Salunke, Ketul Puj, Shivam Pandya: Secretory carcinoma of salivary glands: A case series and review of literature. 2023; Indian Journal of Otolaryngology & Head Neck Surgery. 75(3): 2645-2649.
67	Kanika Kapur, Mohit Sharma, Ketul Puj, Vivek Bande, Shashank Pandya: Solitary endobronchial plasmacytoma- A rare differential of an endobronchial mass. Indian Journal of Thoracic and Cardiovascular Surgery. 2023; 39: 629-631.
68	Shivang Shukla, Satyadeep Bikkina, Shivam Pandya, Priyank Rathod, Shashank Pandya, Mohit Sharma, Shailesh Patel: Combined pectoralis major and deltopectoral flap for reconstruction in head and neck cancer: Revisiting the historic flap. Operative Techniques in Otolaryngology-Head & Neck Surgery. 2023; 34(3): e36-e41.
69	Mohamed Taher Mithi, Mohit Sharma Ketul Puj, Jebin Aaron Devarajan, Nilang Joshi, Shashank Pandya, Shailesh Patel, Vikas Warikoo, Priyank Rathod, Shivam Pandya: Surgery for lung cancer: Insight from a state cancer center in India. Indian Journal of Thoracic and Cardiovascular Surgery. 2024; 50-57.