



GCRI Annual Report 2021-2022
Q2. PUBLICATIONS
APRIL 2021-MARCH 2022

Anaesthesiology	
1	Kinna Shah, Jayshree Thakkar: Tracheal intubation using a video laryngoscope assisted by transtracheal illumination with an LED vein finder. <i>Airway</i> . 2021; 4: 98-103.
2	Dhaval Chavda, Rekha Solanki, Suman Fefar, Jayshree Thakkar: Comparison between intraperitoneal instillation of bupivacaine HCL and bupivacaine HCL plus tramadol for pain relief after laparoscopic surgeries. <i>Int J Sci Res</i> . 2022; 11: 76-78.
3	Rekha Solanki, Amita Jansari, Jayshree Thakkar: Comparison of short axis and oblique axis approaches for ultrasound guided internal jugular vein cannulation. <i>Int J Dent Med Sci</i> . 2021; 3: 402-408.
4	Rekha Solanki, Jayshree Thakkar: Perioperative anaesthetic management of onco-surgeries during COVID-19 pandemic. <i>Essentials of COVID-19 for Anaesthesiologists</i> . 2022; 13: 137-154.
Cytogenetics Lab	
5	Pina Trivedi, Dharmesh Patel, Priya Varma, Mahnaz Kazi: Identification of a novel unbalanced t(4;8) (q12;q24) in paediatric acute myeloid leukemia M2 with AML-ETO negative patient by fluorescence in situ hybridization technique. <i>J Clinical and Laboratory Research</i> . 2022; 5: 74-78.
6	Dharmesh Patel, Pina Trivedi, Priya Varma, Mahnaz Kazi, Prabhudas Patel: A novel case of sole constitutional non-homologous robertsonian translocation rob (14;15) (q10;q10) in B-cell acute lymphoblastic leukemia. <i>J Clinical and Laboratory Research</i> . 2022; 5: 71-75.
7	Hiral Mandalia, Dharmesh Patel, Pina Trivedi, Prabhudas Patel: Clinical significance of HER 2 gene expression in gastric cancer patients-A retrospective study. <i>Int J Sci Res Rev</i> . 2021; 10: 9-18.
Gynaecological Oncology	
8	Bijoy Kar, Pariseema Dave, Bijal Patel, Chetna Parekh: Ultra-high risk gestational trophoblastic neoplasia (GTN) with lung, liver and brain metastasis: A case study depicting diagnostic dilemma and clinical challenges of management. <i>GCS Res J</i> . 2021; 23: 28-29.
9	Remi Abdul Shukur, Bijal Patel, Pariseema Dave, Chetna Parekh, Bijoy Kar: Steroid cell tumour ovary: An unusual presentation. <i>GCS Res J</i> . 2021; 23: 30-31.
10	Nishu, Pariseema Dave, Bijal Patel, Chetna Parekh: Endometrial intraepithelial neoplasia in a treated case of carcinoma colon: A case report. <i>GCS Res J</i> . 2021; 23: 32-33.
11	Rubi Gupta, Chetna Parekh, Pariseema Dave, Bijal Patel, Bijoy Kar: Mixed endometrial carcinoma rare histological type. <i>GCS Res J</i> . 2021; 23: 34-35.
Immunohematology Lab	
12	Nidhi Trivedi, Nupur Patel, Hemangini Vora: Evaluation of the expression of estrogen receptor, progesterone receptor and Her-2/ neu in ovarian cancer. <i>GCS Res J</i> . 2021; 23: 3-8.
Molecular Diagnostics and Research Lab I	
13	Kinjal Gajjar, Toral Kobawala, Hemangini Vora, Nandita Ghosh: Prognostic and predictive value of ERCC1, ERCC2 and XRCC1 protein expression in colorectal cancer patients. <i>Int J All Res Education and Scientific Methods</i> , 2021; 9: 868-878.
14	Toral Mandalia, Pariseema Dave, Ahuti Sinha, Kinjal Gajjar, Nandita Ghosh: Potential role of KRAS and BRAF in epithelial ovarian cancer. <i>Ind J Gynecologic Oncology</i> . 2021; 19: 1-8.
15	Toral Mandalia, Kinjal Gajjar, Nandita Ghosh: Significance of GSTP1 protein expression in invasive ductal carcinoma of breast. <i>GCS Res Journal</i> . 2021; 23: 9-18.



GCRI Annual Report 2021-2022

Molecular Diagnostics and Research Lab II

- | | |
|----|--|
| 16 | Shruti Patel, Neha Bhalala, Kinjal Panchal, Priti Trivedi, Trupti Trivedi: MGMT promoter methylation status using droplet digital PCR in glioma patients: Association with Treatment Response and Survival. <i>Int J All Res Education and Scientific Methods</i> . 2021; 9: 324-333. |
| 17 | Trupti Trivedi, Kinjal Panchal, Neha Bhalala, Priti Trivedi, Harsha Panchal: Combined detection of copy number variations of MYCN and ALK using droplet digital polymerase chain reaction to identify high-risk patients with neuroblastoma. <i>World Neurosurgery</i> . 2022; 156: 48-57. |

Molecular Diagnostic and Research Lab III

- | | |
|----|---|
| 18 | Kinjal Patel, Maitri De, Disha Jethva, Bharati Rathod, Prabhudas Patel: Alterations in sialylation patterns are significantly associated with Imatinib Mesylate resistance in chronic myeloid leukemia. <i>Arch Med Res</i> . 2022; 53: 51-58. |
| 19 | Kinjal Patel, Hemangini Vora, Prabhudas Patel: Transcriptional biomarkers in oral cancer: An integrative analysis and the cancer genome atlas validation. <i>Asian Pac J Cancer Prev</i> . 2021; 22: 371. |
| 20 | Disha Jethva, Bharati Rathod, Ashi Thobias, Jayendra Patel: Clinical relevance of cotinine and nicotine levels as tobacco exposure biomarkers in oral cancer patients. <i>Int J Res and Rev</i> . 2022; 9: 247-253. |
| 21 | Helly Khatri, Disha Jethva, Ashi Thobias, Bharati Rathod, Jayendra Patel: Clinical correlation of lactate dehydrogenase activity with JAK2V617F and FLT3 mutations in myeloproliferative disorders and acute myeloid leukemia: Indian Population, <i>GCSMC J Med Sci</i> . 2021; 74-78. |

Molecular Diagnostic and Research Lab IV

- | | |
|----|---|
| 22 | Apexa Raval, Jigna Joshi, Franky Shah: Significance of metastatic miR-10b in breast cancer therapeutics. <i>J Egypt Natl Canc Inst</i> . 2022; 19. |
| 23 | Bhoomi Tarapara, Franky Shah: An in-silico analysis to identify structural, functional, and regulatory role of SNPs in hMRE11. <i>J. Biomol. Struct</i> . 2022; 1-15. |
| 24 | Hitarth Patel, Jigna Joshi, Apexa Raval Franky Shah: Identification of Natural Compounds to Inhibit Sonic Hedgehog Pathway in Oral Cancer. <i>Anticancer Agents Med Chem</i> . 2021; 9 pages. |

Oncopathology

- | | |
|----|---|
| 25 | Sanjiban Patra, Priti Trivedi, Kanwalpreet Kaur: Histiocytic and follicular dendritic cell sarcoma: Diagnostically challenging rare entities. <i>Indian J Pathol Microbiol</i> . 2021; 64: 316-322. |
| 26 | Kanwalpreet Kaur, Trupti Patel, Sanjiban Patra, Priti Trivedi: Cytomorphology, immunophenotype, and cytogenetic profile of leukemic serous effusions. <i>Diagn Cytopathol</i> . 2021; 49: 948-958. |
| 27 | Sanjiban Patra, Priti Trivedi, Anand Shah: Primary sarcoma of the head and neck: Three years' experience in a tertiary care cancer center. <i>Asian J Oncol</i> . 2021; 5-6. |
| 28 | Sunitha Shankaralingappa, Hemangi Joshi, Jayendra Patel, Prabhudas Patel, Jyoti Sawhney: FLT3 gene mutation in acute myeloid leukemia: Correlation with hematological, immunophenotypic, and cytogenetic characteristics. <i>Asian J Oncol</i> . 2021. |
| 29 | Sangita Vanik, Shailee Mehta, Rujuta Shah, Priti Trivedi, Priyank Rathod, Supreet Bhatt: Giant cutaneous horn: Is it a tip of an iceberg? two case reports and a review of literature. <i>Int J Otorhinolaryngol Head Neck Surg</i> . 2021; 1-4. |
| 30 | Sanjiban Patra, Priti Trivedi: Isolated cutaneous Langerhans cell histiocytosis in circumcised preputial skin. <i>J Hematology and Allied Sciences</i> . 2021; 1. 84. |
| 31 | Jagdish Prajapati, Biren Parikh: Intraoperative frozen section analysis - A study of tertiary care centre. <i>Int J Cur Res Rev</i> . 2021; 13. |
| 32 | Nagarjun B.R., Kalaharaghini, Jyoti Sawhney, Pina Trivedi, Karthik Dhandapani, Biren Parikh: A retrospective observational study of progression of myelodysplastic syndrome to acute leukemia: Should we look beyond revised international prognostic scoring system. <i>Indian J Med Paediatric Oncol</i> . 2021; 42: 431-438. |



GCRI Annual Report 2021-2022

33	Hemangi Joshi, Biren Parikh: Analysis of various automated reticulocyte parameters in oncology patients. <i>Int J Cur Res Rev.</i> 2021; 13: 8-12.
34	Ashini Shah, Amisha Gami, Neeta Desai, Jahnvi Gandhi, Priti Trivedi: Tumor budding as a prognostic indicator in colorectal carcinoma: A retrospective study of primary colorectal carcinoma cases in a tertiary care center. <i>Indian J Surg Oncol.</i> 2022; doi.org/10.1007/s13193-022-01498-7.
35	Sangita Vanik, Dhaval Jetly: Clinicopathological and immunohistochemical analysis of 72 cases of extragonadal germ cell tumors-Single institutional experience. <i>Int J Sci Res.</i> 2022; 11(2).
36	Kanwalpreet Kaur, Ashini Shah, Jahnvi Gandhi, Priti Trivedi: Mucinous cystadenocarcinoma of breast: A new entity with broad differentials- A case report. <i>J Egypt Natl Cancer Inst.</i> 2022; 34:9.
37	Sanjiban Patra, Priti Trivedi, Chirag Jhaveri: Phosphaturic mesenchymal tumor: An under diagnosed rare entity. <i>Indian J Pathol Microbiol.</i> 2022; 65: 181-183.
38	Kanwalpreet Kaur, Shailee Mehta, Sangita Vanik, Priti Trivedi, Nirmalya Banerjee, Harsh Dhar, Sourav Datt, Subhadeep Karanjai: The evolving role of molecular pathology in the diagnosis of salivary gland tumours with potential pitfalls. <i>Eur Arch Oto-Rhino-Laryngol.</i> 2022; DOI: 10.1007/s00405-022-07326-6.

Pain and Palliative Medicine

39	Ravi Umrانيا, Dwija Patel, Bhavna Patel, Manisha Singh, Priti Sanghavi, Himanshu Patel: Survey of psychosocial issues of nasogastric tube feeding in head-and-neck cancer patients. <i>Indian J Palliat Care.</i> 2021; 27: 113-117.
40	Lekha Raval, Ravi Umrانيا, Bhavna Patel, Priti Sanghavi: Various tools for assessment of pain. <i>Int. J. Evidence Based Nursing.</i> 2021; 4: 61-69.
41	Shrenik Ostwal, Richa Singh, Priti Sanghavi, Himanshu Patel, Queenjal Anandi: Correlation between symptom burden and perceived distress in advanced head and neck cancer: A prospective observational study. <i>Indian J Palliat Care.</i> 2021; 27: 419-425.

Radiotherapy

42	Maitrik Mehta, Aastha Shah, Isha Shah, U. Suryanarayan: Solitary plasmacytoma of the breast. <i>J Radiat Cancer Res.</i> 2021; 12: 33-35.
43	Jayesh Singh, Astha Shah, Ankita Parikh, Isha Shah, Dinesh Anand, Himanshi Jain, U Suryanarayana. High dose rate brachytherapy boost following external radiotherapy in a case of carcinoma external ear. <i>Ind J Otolaryngol.</i> 2022; 1: 80-83.
44	Maitrik Mehta, Isha Shah, Ankita Parikh, U. Suryanarayan, Harsha Panchal, Jayesh Singh, Arun T: Assessment of cranial radiotherapy treatment in T-cell lymphoblastic lymphoma: Retrospective study from tertiary care center. <i>Ind J Med Paediatr Oncol</i> 2022; 43: 177-184.
45	Isha Shah, Siddharth Malukar, Jayesh Singh, Ankita Parikh, U. Suryanarayan: Temporal bone rhabdomyosarcoma mimicking chronic supportive otitis media. <i>Indian J Otol</i> 2022; 28: 88-90.

