



The Gujarat Cancer & Research Institute

(M. P. Shah Cancer Hospital)

STATE CANCER INSTITUTE

(Recognized by Ministry of Health & Family Welfare, Govt. of India)



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Govt. of Gujarat**

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Nominated by Govt. of India

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Purchase Committee Members

Shri Kshitish M. Shah
General Secretary, GCS
Chairman

Dr Shashank Pandya
Director, GCRI
Member

Shri Deevyesh Radia
Secretary, GCS
Special Invitee

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Shri Bipin Shah
Treasurer, GCS

Dr Nehal Gadhvi
Hospital Administrator, GCRI
Member Secretary



GCRI Annual Report 2023-24

‘JOINT VENTURE OF GOVERNMENT OF GUJARAT AND
THE GUJARAT CANCER SOCIETY’

THE GUJARAT CANCER & RESEARCH INSTITUTE

(M. P. SHAH CANCER HOSPITAL)
Affiliated to B J Medical College

STATE CANCER INSTITUTE

Recognised by Ministry of Health & Family Welfare,
Government of India

MEMBER OF UICC



**International Union Against Cancer
(UICC)**

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GCRI Annual Report 2023-24

OUR MISSION

The mission of the GCRI is to provide state-of-the-art diagnostic and therapeutic services to the patients of all types of origin and financial background suffering from cancer. Its scope also encompasses registering the tumor burden in the population, prevention

through awareness drives, solving local medical problems through research and training of medical students as well as imparting knowledge to the medical fraternity.

TO FULFIL THE MISSION, GCRI

- Conducts OPD and indoor activities for diagnosis, staging, treatment and monitoring disease progress.
- Renders free or subsidized treatment to needy patients without any distinction of caste, creed or religion.
- Provides training to new generation of doctors as well as practicing fraternity.
- Offers unique experimental and research-oriented diagnosis and treatment services to test new forms of diagnosis and therapy in order to improve quality of life and expected survival of those afflicted with cancer.
- Organizes public education programmes, the diagnostic and blood donation camps, conferences and other scientific meets.
- Displays a permanent Cancer Awareness and Anti-tobacco exhibition and arranges other preventive efforts.
- Runs instruction based Hospice Centre, Home-Hospice Services and Rehabilitation Service.



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OUR VISION

GCRI, with a multi-disciplinary close relationship between cancer care, research and education, intends to provide the greatest hope to the patients and the general population whose needs, we endeavour to cater to. It strives to see that fruits of modern science reach up to the last man. GCRI believes that the world class cancer research, state of art therapeutic efforts

and intensive and extensive educational efforts regarding prevention, detection, treatment and palliation in the field of cancer will improve the quality of life of all those who suffer from it. GCRI collaboration believes that with other cancer organisations, research laboratories and pharmaceutical establishments will bring a better tomorrow.

OUR CORE VALUES

GCRI IS DEDICATED TO

- Scientific attitude and humane approach to diagnosis and treatment of cancer.
- Inquisitiveness, innovation and creativity in the field of research and its translation into day-to-day clinical applications.
- Value oriented as well as information and skill-intensive educational programmes.
- Respect to all schools of thoughts and endeavours for free exchange of ideas with due acknowledgements of contributions by each member of GCRI.
- Simple, effective and targeted awareness programmes for prevention as well as early detection of cancer and anti-tobacco drive directed at the medical profession and population at large.
- Providing hope, sympathy and respect to all those who are terminally ill.

कवचिदर्थं क्वचिद्धर्मं क्वचित् मैत्रीपरायणम् ।
कर्माभ्यासं क्वचिच्चैति चिकित्सा नास्ति निष्फला ॥

“Sometimes money, sometimes wisdom, sometimes social support or sometimes work experience is obtained. One’s efforts to alleviate suffering never go un-rewarded.”



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GCRI PROFILE AT A GLANCE

GCRI - SPECIALITY HOSPITAL FOR CANCER STATE CANCER INSTITUTE

- 1000 Indoor Beds - Largest Cancer Hospital of the Country
- 25,524 New Cases
- 2,69,418 Outdoor patients
- 2,39,124 Indoor admissions
- 26,36,398 Laboratory tests
- 1,27,225 Imaging and Radiological investigations
- 16,686 Major and Minor Surgeries
- 44,134 Chemotherapy Treatment
- 23,744 Radiation Treatment

GCRI - SPECIALITY MEDICAL EDUCATION CENTRE

- DM - Medical Oncology, Oncopathology
- MCh - Surgical Oncology, Gynaecological Oncology
- MD - Anaesthesiology, Microbiology, Palliative Medicine, Radiodiagnosis, Radiation Oncology
- Postgraduate Students - 185 Students
- Post Graduate Diploma in Medical Laboratory Technology - 47 Students
- MSc in Cancer Biology - 22 Students
- MSc Medical Physics - 18 Students
- PhD - Life Sciences - 6 Students



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GCRI PROFILE AT A GLANCE

GCRI - RESEARCH ORGANISATION

- 5 well Equipped Research Labs
- 36 On-going Research Projects; 13 Clinical Trials
- Scientists are PhD Guides
- Additional support from - National Cancer Institute (NCI), USA / Germany / IARC / DST / DBT / CSIR / ICMR / DAE / GSBTM / DMER / GUJCOST / GCS / IACA
- Clinical Research Hub for National and International Drug Trials

GCRI - COMMUNITY COMMITMENTS

- National Registry Programme - ICMR
- Prevention of Cancer - Anti-tobacco Drive & Tobacco Cessation Centre
- Early Detection - Health Check-up & Cancer Detection Camps
- Cancer Awareness: Exhibition, Cancer Information Center
- Hospice Care; Home Care Services
- Poor Patient Support
- Telepathology and Telemedicine Projects
- Patient Care Evaluation Committee
- Sanskar Chowk
- (Entertainment and Education of Patients and their Relatives)
- Night Shelter for Patient's Relatives



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A. ANAESTHESIOLOGY

Professor & Head: Dr Jayshree Thakkar (upto 11.3.2024)

Dr Neeta Gosai (13.3.2024 onwards)

Associate Professors: Dr Dipika Patel (upto 31.7.2023)

Dr Damini Makwana, Dr Leena Patel,

Dr Bijal Shah, Dr Rekha Solanki

Assistant Professors: Dr Misha Agarwal, Dr Sheetal Baranda, Dr Kinjal Mistry,

Dr Drashti Dave, Dr Amita Jansari, Dr Vidhi Solanki,

Dr Ishita Thaker, Dr Dhara Kakadiya, Dr Dhvani Soni

Tutor: Dr Jenish Patel



Clinical Services: The department provides services of anaesthesia for oncosurgical patients. Anaesthesia services are provided during peri-operative period, which includes pre-anaesthetic check-up and anaesthesia fitness, intra-operative management and post-operative care of the patients. Our department provides anaesthesia or monitored anaesthesia care as per the requirement of the patient and surgeons. Different super specialties like Plastic surgery, Musculo-skeleton surgeries, Urology surgeries, Neuro Oncology; Gynaecological surgeries etc. are involved in the treatment of cancer. Treatment and care of critically ill patients in ICUs (Surgical, Medical & Neuro Oncology) is part of anaesthesia services. These services are provided for all major & minor surgical procedures, gynaecological surgeries, neurological surgeries and day stay surgeries. Anaesthesia department also gives services for either providing anaesthesia or providing only monitoring care for radiotherapy patients, patients undergoing radiological procedures, invasive procedures in IVTC or CT scan, PET Scan and MRI. Our department

takes the lead in peripheral venous access as well as central venous access as per requirement of the patient. All emergency calls for resuscitation, monitored anaesthesia and venous access are attended by the departmental staff. The department provides emergency services in all the wards for central/ peripheral venous access of the patient.

Academic Activities: Regular lectures and teaching programmes are conducted for PG students in the department by the faculty. Anaesthesia, Critical Care, NABH training: Bed side training, Lectures and seminars

Details of Work Done	Number of Patients
Major Operation Theatre (Main OT + Brachy OT)	4785
Neuro Operation Theatre	564
IVTC (GA+LA)	3910



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Details of Work Done	Number of Patients
Minor (GA+LA) (DSU + Brachy OT)	8366
CT SCAN + MRI + USG Guided Biopsy + PET SCAN	423
Radiotherapy in pediatric patients under anaesthesia	478

for PG students. Induction training (Monthly) - Cardiopulmonary Resuscitation training to GCRI regular staff and newly appointed GCRI staff. Dr Leena Patel Associate Professor is nominated for NMC cell.

Research Activities: All faculties and Resident Doctors attended **Good Clinical Practice** training during January & February 2023. **Dr Rekha Solanki**, Associate Professor successfully completed “**Scientific writing in Health Research**” (ICMR) course in October 2023.

Major Achievements: Gujarat Cancer and Research Institute, Department of Anaesthesiology, is included for

Supporting **World Record Holder Institute** for multiple times Compression Only Life Support (COLS - CPR) activity for nonmedical persons of Gujarat during 2023.

Dr Bijal Shah, Associate Professor and **Dr Vidhi Solanki**, Assistant Professor, awarded BCLS instructor certificate in April 2023.

Dr Rekha Solanki, Associate Professor, elected as Executive Committee Member for Ahmedabad City Branch, Indian Society of Anaesthesiologists for the year 2023-2024. She was awarded Excellence Certificate for peer reviewer for Indian Journal of Clinical Anaesthesia for the year 2023. She was awarded BCLS instructor Renewal certificate in August 2023.

Training/Workshop Organized: The department arranged Compression Only Life Support (COLS - CPR) activity for nonmedical persons of Gujarat on April 2, June 11, December 3 and 17, 2023.

Dr Rekha Solanki was Executive Committee Member, ISA (Ahmedabad City branch) organized National Advanced Airway workshop at Radison Blu Ahmedabad on February 11, 2024.





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B. COMMUNITY ONCOLOGY & MEDICAL RECORDS

Associate Professor and Head : Dr Anand Shah

Medical Officer: Dr Rohini Patel

Medical Record Officer: Mr Himanshu Patel



Clinical Services: New O.P.D. - During the year 2023-24, a total of 25,524 patients were registered. Documents under various schemes/categories such as Ayushman Bharat Pradhan Mantri Jan Arogya Yojana-Mukhyamantri Amrutam Yojana (PMJAY-MA), Pradhan Mantri Jan Arogya Yojana (PMJAY) for other states, Employees State Insurance Scheme (E.S.I.S.), State Government employees/pensioners, Lower Income Group category (L.I.G.), Indian Cancer Society (ICS) fund, Scheduled Castes (SC) & Scheduled Tribes (ST) categories, School Health Programme, etc., are verified. Additionally, special radiological, laboratory investigation cards, pathology reports, traveling passes (ST/Railway) and stickers are issued. Year-wise general statistics of the hospital are prepared.

Old O.P.D.- The department maintains records of newly registered cases as well as old (follow-up) cases. A total of 2,69,418 patients came for follow-up in the year 2023-24. For patient convenience, SMS software has been implemented. Patients can inform through SMS prior to their follow-up day so that their case files are prepared before their arrival. A helpline facility through phone calls has also been initiated for follow-ups. Patients can make appointments the day before their follow-up by calling the helpline number. Their appointments are registered, and

an SMS is sent to their mobile numbers. The MRD staff ensures these files are ready when patients come for follow-up. Doctors/researchers may access case files for research/dissertation study purposes after obtaining written permission from the Director, GCRI. Computerized medical certificates are issued, and forms for Medi-claim and Life Insurance policies of deceased patients are filled out here. Hospital death registration work is also conducted in this department

General Statistics: FY 2023-24

No.	Details of Work Done	FY 2023 - 24
1	Total new cases registered (Cancer & Non-cancer)	25524
	Adult Cases	24175
	Paediatric Cases	1349
2	Total number of Outdoor Patients visited	269418
3	Cancer Screening OPD Beneficiaries	12161
4	New Admission during the year	28029
5	Inpatient days	239124
6	Average inpatient stay	8.53



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No.	Details of Work Done	FY 2023 - 24
7	Strength of beds	1000
8	Death During the Year	1902
9	Haematological Investigations	400558
10	Biochemical Investigations	1827122
11	Bacteriology Investigations	15357
12	Serology Investigations	92892
13	Microbiology Other Tests	29699
14	Cytological Investigations	14764
15	Histological Examinations	172077
16	Bone Marrow Examinations	3579
17	Biopsy procedures (Other than Endoscopies & B.M.Bx.)	11687
18	HLA Typing	181
19	Immunohistochemistry Investigations	59658
20	Cytogenetics	3548
21	Molecular Lab I Investigations	155
22	Molecular Lab II Investigations	3542
23	Molecular Lab III Investigations	1579
24	Total B.T. given to the patients	19253
25	Total Plasma / PRP given to the patients	29775
26	Imaging & Radiological Investigations	
i)	MMR Barium Swallow & other X-rays	63484
ii)	Ultrasound (USG)	19703
iii)	CT Scan	30945
iv)	MRI	6230
v)	Mammograms	5536
vi)	OPG	-
vii)	Colour Doppler	1327

No.	Details of Work Done	FY 2023 - 24
27	Radiation Treatment	
i)	Brachy Therapy	1071
ii)	Cesium Teletherapy	-
iii)	Cobalt Teletherapy	-
iv)	Linear Accelerator	3440
v)	BHABHATRON	302
vi)	Tomotherapy	276
vii)	Truebeam	474
viii)	Cyber Knife	78
ix)	Mould prepared for Planning	3389
xi)	Simulator treatment Planning	6373
xii)	Physics Planning	8341
28	Surgical Operations	
i)	Major	4710
ii)	Minor	7502
III)	I.V.T.C	3910
iv)	Neurosurgical Operations	564
29	Nuclear Medicine	
i)	PET CT Scan	3395
ii)	Isotop Scan	2741
iii)	Iodine Therapy	114
30	Physiotherapy treatment	33892
31	Chemotherapeutic Procedures	44134
32	Bone Marrow Transplants	39
33	ECG	28789
34	Stoma Clinic Patients	3303
35	Prosthetic Patients	1648
36	Palliative Care OPD (New and Old cases)	24875
37	Patients of Special Investigations	3565



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Academic Activities: The department is a very important section of the Institute. It works largely in five different areas such as (a) Cancer Screening OPD (b) Cancer Registry Programme (c) Community Outreach Activity (d) Cancer Epidemiology and (e) HPV Vaccine Project.

(a) Cancer Screening OPD: The Cancer Screening OPD was initiated in October 2021 with the primary objective of promoting cancer awareness, conducting cancer screening, and facilitating early detection of cancer. In this OPD, we provide cancer screening services for asymptomatic individuals and for patients' relatives who come to GCRI.

In the year 2023-24, we registered 12,161 beneficiaries in this OPD. Self-breast examination was taught to 3,080 females, mammography was performed for 335 females, and 486 females underwent PAP smear tests/liquid-based cytology tests. Beneficiaries with a tobacco habit were also advised on tobacco cessation. Additionally, over 1,200 beneficiaries were identified to have pre-cancerous conditions such as leukoplakia, erythroplakia, cervical lesions, lumps, and others. In this OPD, we screened 45 confirmed cases of cancer. All these screened patients are being followed up to receive further treatment.

Colposcopy Test: In year 2022, we have started doing colposcopy test within our department. All female beneficiaries identified with suspected cervical lesions are screened through colposcopy and confirmed cases are then referred to Gynaecological oncology department for further treatment. In 2023-24, we have done more than 50 colposcopy check-up within Institute as well as in community outreach camps.

Auto fluorescence Device for Screening Oral Cancers: We have also procured auto fluorescence device through which we are screening oral cancer cases.

(b) Cancer Registry Programme: Cancer registry plays a major role in ensuring good quality cancer data which can be helpful in cancer care, planning of health service and cancer control programmes. The department has been maintaining both hospital based cancer registry and population based cancer registry under the network of

National Cancer Registry Programme (NCRP) - National Centre for Disease Informatics and Research (NCDIR) - Indian Council of Medical Research (ICMR), Bengaluru.

Rural Cancer Registry Ahmedabad District Project: It has been functioning since the year 2004 with the objective of assessing the magnitude and types of cancers in Ahmedabad rural areas and to calculate estimate of cancer incidence in Ahmedabad district.

Activities: Work of cancer data collection from various sources for the year 2022 and 2023 is in progress.

Population Based Cancer Registry Ahmedabad Urban Agglomeration Area: It has been functioning since the year 2007 with the objective of assessing the magnitude and types of cancers in Ahmedabad city and to calculate estimate of cancer incidence in Ahmedabad urban area.

Activities: Case files abstraction and outside data collection for the year 2021 is completed. Outside data collection and case file abstraction for the year 2022 and 2023 is in progress. We have completed five year follow up data of breast, cervix and Head & Neck cancers for the year 2012 to 2017 and submitted to NCDIR-ICMR, Bengaluru.

Hospital Based Cancer Registry: The hospital based cancer registry has been functioning since long as per the standards and norms prescribed by the National Cancer Registry Programme (NCRP) of the Indian Council of Medical Research (ICMR). From January 2014, the National Cancer Registry Programme (NCRP)-National Centre for Disease Informatics and Research (NCDIR) - Indian Council of Medical Research (ICMR) sanctioned the project 'Hospital Based Cancer Registry and Patterns of Care and Survival Studies on Cancer Breast, Cancer Cervix and Head and Neck Cancers' at our Institute. The broad objectives of this study is to assess quality of hospital care and cancer services in covered area and to describe length and quality of survival in relation to anatomical site, clinical stage and aspects of types of treatment and to undertake epidemiological research through short term case control studies.



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Activities: Case file abstraction and online data entry work for the year 2022 is completed. Case file abstraction and quality checks for the year 2023 is in progress.

(c) Community Outreach Activity: Two types of Cancer Camps are conducted by the department.

Cancer Awareness Camps: The department organizes cancer awareness camps with the aim of promoting awareness about the risks of common cancers and the importance of early detection for effective treatment within the community. These camps serve as platforms to discuss common cancers, their natural progression, warning signs, and symptoms. Visitors are educated on self-examination methods, particularly for the oral cavity, emphasizing the necessity of quitting tobacco. Additionally, women visitors are instructed on breast self-examination techniques. Awareness about cancer is disseminated through various means such as distributing pamphlets, posters, flip charts, organizing exhibitions, and conducting audio-visual programs.

Cancer Screening Camps: The objective of the detection camp is to identify cancers in their early stages, particularly oral cancers in men and breast and cervical cancers in women. Suspicious cases are referred to GCRI for further diagnostic and therapeutic care. In 2009 and February 2024, two high-tech cancer screening mobile vans (Sanjeevani Rath) were launched to detect cancer patients early, particularly in rural areas. The GCRI expert team identifies suspected cases of possible cancer and referring them to GCRI for further evaluation if needed. Equipped with advanced mammography machines, these mobile cancer screening vans are instrumental in detecting breast cancer, the most common cancer among women, at its earliest stage.

(d) Cancer Epidemiology: The statisticians in the department assist doctors and researchers with statistical analysis for their studies. They provide various data to doctors and researchers for their dissertation/research work after obtaining written permission from the Director, GCRI. Additionally, various statistical data and reports are provided to the GCRI Administration and Government as required. This year, a total of 91 GCRI staff requested data

retrieval, and 22 GCRI staff were assisted with their statistical analysis work.

(e) HPV Vaccine Project: The Gujarat Cancer and Research Institute is having a collaborative research agreement with International Agency for Research on Cancer (IARC), Lyon, France and working on a project named 'Implementation plan for extended follow-up of the participants of IARC- Indian HPV vaccination study to evaluate the effectiveness of one, two and three doses of Quadrivalent HPV vaccine in preventing cervical neoplasias'.

Activities: As the project enters its extended follow-up phase, all activities outlined in the protocol continue without interruption. This includes obtaining extended follow-up consent, collecting cervical cells for HPV infection testing and conducting HC-II genotyping as per standard procedures. Participants who test positive for HPV DNA are either scheduled for colposcopy at GCRI or managed with field colposcopy. Additionally, participants are regularly followed up to update their information, including changes in marital status, vital status, migration status, pregnancy data and any medical illnesses they may have experienced. Furthermore, this study holds significant importance as a reference point. The World Health Organization (WHO) has shared an article titled 'One dose of Cervical vaccine provides solid protection' on behalf of this study. This finding could potentially revolutionize cervical cancer prevention efforts, especially in countries like India, where implementing a single-dose cervical vaccine into the national vaccination schedule could have a profound impact.

Our Population Based Cancer Registry - Ahmedabad Urban Agglomeration Area dataset is accepted and included by the Editorial Board for Volume XII of Cancer Incidence in Five Continents, IARC, Lyon, France.

Major Achievements: Department has Received Vimla Agrawal Trophy for maximum research publications for the year 2023 during Hospital Week Celebration on April 6, 2024.



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Public Services: As per the guidelines of National Cancer Control Programmes, the department is actively involved in cancer control activities and reaches to the community which addresses primary prevention and early detection of cancer within the community.

Cancer Awareness Camps: The department organizes cancer awareness camps with the aim of fostering awareness about the risks of common cancers and highlighting their potential for cure if detected early within the community. These camps serve as educational platforms where information on cancer, including its causes, natural progression, warning signs, and symptoms, is explained to the attendees. Emphasis is placed on self-examination methods, particularly for the oral cavity, with an emphasis on the importance of quitting tobacco. Additionally, women visitors are educated on the method of breast self-examination.

Awareness about cancer is disseminated through various channels, including the distribution of publicity materials such as pamphlets, posters, flip charts, exhibitions, and audio-visual programs. These efforts collectively contribute to increase knowledge and understanding of cancer among the community members, empowering them to take proactive steps towards prevention and early detection.

Number of Cancer Education Camps (Cancer Exhibition) organized during April 2023 to March 2024 are as follows.

No. of Education Camps during April 2023 – March 2024	21
Number of Visitors	4600

Cancer Screening Camp with Sanjeevani Rath (Mobile Cancer Screening Van) GCRI: A high-tech cancer screening mobile van (Sanjeevani Rath) was launched in 2009 to detect cancer patients in the early stages of the ailment with a particular focus on rural areas. In addition, a second high-tech cancer screening mobile van was launched in February 2024 to further expand outreach efforts. The expert team identifies suspected cases of cancer and if necessary, refers them to GCRI for further evaluation.

Equipped with advanced mammography machines, these mobile cancer screening vans play a crucial role in detecting breast cancer, which is the most common cancer found in women, especially in its early stages. This technology enables early detection and timely intervention, ultimately improving the prognosis and outcomes for patients.

Total 91 Cancer Screening camps were organized between April 2023 to March 2024. Following table shows summary report of Sanjeevani Rath camp activities.

No. of Cancer Screening Camps during April 2023 -March 2024	91
Number of beneficiaries attended	6980
Head and Neck Examinations	3045
Breast Examinations	6106
Cervix Examinations	4759
Other Sites Examinations	00
Suspicious cases referred to GCRI	199
Head and Neck	42
Breast	86
Cervix	63
Other sites	8

Total Pap Test: 4759, Total Mammography: 766

During this period total 91 camps were organized across the state. District wise distribution is mentioned in following table

Sr. No	District	No. of Camps
1	Ahmedabad	27
2	Aravalli	01
3	Banaskantha	02
4	Bharuch	02
5	Bhavnagar	04
6	Gandhinagar	09



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Sr. No	District	No. of Camps
7	Godhara	01
8	Jamnagar	01
9	Kheda	02
10	Mahisagar	01
11	Mehsana	20
12	Narmada	01
13	Sabarkantha	13
14	Surat	5
15	Surendranagar	1
16	Vadodara	1
Total		91

Follow-up of camp patients: Community Oncology department is doing regular follow-up of patients who are referred to GCRI during camp for further management. During this year, 7 patients were diagnosed with cancer and they have started treatment.

Day Celebration:

• **May 31, 2023 - World No Tobacco Day:** On May 31, 2023, World No Tobacco Day was celebrated at GCRI by distributing cancer awareness materials and pamphlets in the hospital premises and civil hospital campus. This year WHO theme for the day was: Grow Food No Tobacco. There was a talk conducted on tobacco hazards and cancer awareness by Dr. Anand Shah for patients and patient's relatives at auditorium hall, GCRI and more than 200 beneficiaries have attended the event. GCRI Director Dr. Shashank Pandya addressed the crowd and stressed all the beneficiaries to avoid the use of tobacco. There was a cancer screening camp conducted at CLASP, Himatnagar and doctors from GCRI attending the camp gave a speech on cancer awareness and the importance of screening. There was an exhibition arranged for information regarding cancer awareness. Around 150 people were present and explained about tobacco hazards and to quit tobacco by social worker staff from community oncology department.

- **October 2023 Breast Cancer Awareness Month:** The Gujarat Cancer & Research Institute initiated a comprehensive cancer screening drive for female police staff during Breast Cancer Awareness Month, focusing on Police Zone-4. The aim was to promote early detection and raise awareness about breast cancer among police staff. The project included Cancer Awareness Seminar on October 2, 2023, which was attended by dignitaries such as the Commissioner of Police - Ahmedabad Shri G. S. Malik (IPS), Joint Commissioner of Police - Ahmedabad Shri Ajay Choudhary (IPS), and DCP Shri Kanan Desai (IPS). The seminar provided informative sessions on various cancers and featured an interactive Q&A session. Subsequently, screening of all these police staff.
- **November 7, 2023 - National Cancer Awareness Day:**
 - Cancer Awareness lecture at mega medical camp, Visnagar in which more than 150 beneficiaries have participated.
 - NGOs Felicitation by GCRI: All NGOs working directly and indirectly were felicitated by GCRI.
 - As a part of National cancer awareness day, screening of CID Crime Branch Female staff, Gandhinagar was organized. The Gujarat Cancer & Research Institute organized a comprehensive screening drive for female employees of CID Crime Branch, Gandhinagar, aimed at early detection and prevention of cervical and breast cancers. As a part of National cancer awareness day this event was started, and 98 female employees participated in this.
- **January 2024 - Cervical Cancer Awareness Month:** The Gujarat Cancer & Research Institute has organized a comprehensive series of cervical cancer awareness lectures throughout the month of January, coinciding with the international observance of Cervical Cancer Awareness Month. Recognizing the pivotal role of frontline healthcare workers, particularly nurses, the lectures were strategically conducted at various nursing colleges across Ahmedabad to equip them with essential knowledge regarding the symptoms, signs, and screening tests for cervical cancer.



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- **February 4, 2024 - World Cancer Day:** Female Cancer Screening, and Cervical Vaccination Drive in Bhandu Village, Mehsana was organized by The Gujarat Cancer & Research Institute on February 4, 2024 at Bhandu Primary Girls School. During this camp, cancer

awareness talk was addressed by Dr. Shashank Pandya, Director, GCRI. More than 201 individuals underwent comprehensive screenings for breast cancer as well as cervical cancer. More than 160 adolescent girls were vaccinated with HPV vaccine.





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C. GYNAECOLOGICAL ONCOLOGY

Professor & Head: Dr Shilpa Patel (upto 8.7.2023), Dr Pariseema Dave (9.7.2023 onwards)

Professors: Dr Bijal Patel, Dr Ruchi Arora, Dr Chetana Parekh

Assistant Professors: Dr Kaustubh Burde, Dr Abhilash V, Dr Rubi Gupta,
Dr Piyanka Vemanamandhi, Dr Remi Shukur



Clinical Services: The department offers services in following areas (1) Well Woman Clinic for early detection of gynaecological malignancies (2) Colposcopy Clinic: The Colposcopy clinic is run with the help of a state-of-the-art Zeiss colposcope with teaching aid. Colposcopies are performed and Colposcopic directed biopsies were taken. Total 122 Colposcopies were performed. (3) Conservative management of pre-invasive cervical cancer by Large Loop Excision of the Transformation Zone (LLETZ). It is one of the first centers in India to have established the facilities of LLETZ, which is considered the best method for the diagnosis and treatment of premalignant cervical lesions. During the year, 25 Large Loop Excision of the Transformation Zones were performed (4) Referral Center for diagnosis and management of all premalignant and invasive gynaecological malignancies such as cervical cancer, endometrial cancer, trophoblastic disease, ovarian tumors, vulvar carcinoma. Hysteroscopy: Institute has Stryker hysteroscope with monitor for diagnosis and hysteroscopic guided biopsy.

Details of Work Done	Total
OPD patient	New cases: 2192 Old cases: 17996
Pap smear	Pap smear: 596 LBC: 1397 Camp smear: 5784 (Pap - 1594, LBC - 4190)
Cervical Biopsy	1760
Vulval Biopsy	70
Endometrial Aspiration	409
Colposcopy	139

Details of Work Done	Total
Radical Hysterectomy + BPLND	18
Laparotomy for Ovarian Tumors	326
Staging Laparotomy for Endometrial	52
Radical Vulvectomy + Groin Dissection Cancer	15
Other Major Surgeries	84
Laparoscopy	25
Hysteroscopy	16
Major Surgeries	536
Minor Surgical procedures	166



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Academic Activities: Regular lectures, case presentation, journal presentation, and tumor board discussion conducted for resident doctors in the department.

Honours and Achievements: **Dr Pariseema Dave** has served as Associate Editor and peer reviewer of Indian Journal of Gynaecological Oncology. She has also served as Chief Editor of Gujarat Cancer Society Research Journal.

Dr Bijal Patel has served as peer reviewer of Indian Journal of Gynaecological Oncology.

Dr Shiva, Resident Doctor has received Second Prize for Poster presentation at AOGIN INDIA 2023 held at AIIMS, Rishikesh.

Dr Ashikav, Resident Doctor was selected as one among 24 posters (out of 200 posters) for Commented poster presentation at ESGO 2024 Congress at Barcelona, Spain. She was the only candidate selected in this category from the country.

Public Services: The department conducts a well woman clinic daily at the hospital especially for early detection of pre-invasive and invasive cervical malignancy. Pap smear (conventional / liquid based cytology) and Colposcopy are performed free of charge. Biopsies are taken at nominal charge.

Camp Activities: Camps for early detection are conducted at various places in Gujarat including organizations such as Air force Vadsar and Chiloda, ISRO, Gujarat High court etc. Total **114 camps** were organized at various places in this year. Total Pap smear and LBC taken in camps are 5784.



परस्परं भावयन्तः श्रेयः परमवाप्स्य ॥ ३ : ११ ॥

श्रीमद्भगवद्गीता
परस्परं भावयन्तः कार्यो करतां रहीते परमं कल्याणं प्राप्तं करुणो.
श्रीमद् भगवद् गीता



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D. MEDICAL AND PAEDIATRIC ONCOLOGY

Professor & Head, Chief of Medical Oncology Unit - I: Dr Harsha Panchal

Professor Emeritus : Dr Pankaj Shah

Professor, Chief of Medical Oncology Unit II (Practicing): Dr Apurva Patel

Professor, Chief of Medical Oncology Unit III: Dr Sonia Parikh

Associate Professor, In charge of BMT (Part time practicing): Dr Sandip Shah

Assistant Professors: Dr Nitin Joshi (Till 9th January, 2024), Dr Kajal Shah,
Dr Maharshi Trivedi, Dr Rajan Yadav

Junior Lecturer - Paediatrician: Dr Chinmay Doctor

Medical Officer - BMT Services: Dr Kamlesh Shah

Consultant IVTC Gastroenterologist (Full Time): Dr Dhruv Shah

Visiting Gastro Oncologist (Visiting Gastroenterologist & Endoscopist): Dr Aniket Bardhwaj
(Wednesday & Friday)

Consultant Pulmonologist (Full Time): Dr Nanditha Ramsingh

Consultant Pulmonologist (Wednesday): Dr Asif Mansuri

Consultant Pulmonologist (Thursday): Dr Jaymin Patel

Consultant Psychiatrist: Dr Gopal Bhatia



Clinical Services: The department of Medical and Paediatric oncology provides comprehensive care for adult and paediatric patients with solid tumours and haematological malignancies.

Indoor Beds: Adult 92, Paediatric 90, Leukemia 26, BMT 4, Medical ICU 12, with a total 224 beds

Every year approximately 1003 new adult patients are registered under the medical department and 110006 old and referred cases attended outdoor departments. There are approximately 50806 patients received curative or palliative chemotherapy either as indoor (224 beds) or in day care center (56 beds).

The number of new paediatric cancer patients registered at pediatric center annually was approximately 1278. Approximately 13216 children received chemotherapy either indoor or in day care center. About 13512 minor procedures were performed annually. The center also has special OPD for care of central line catheters like PICC and Hickman catheter.

Indumati Kinariwala paediatric oncology center was established in 1992 and it was first of its kind in India to give care to paediatric patients in an ambient environment.



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Details of Work Done	Adult	Pediatric	Total
Clinical Cases: Total	119540	19562	139102
Outdoor: New	1003	1278	2281
Outdoor: Old+ referred	1,10,006	13572	123578
Indoor	8531	4712	13243
Procedures: Total	8496	5016	13561
Bone marrow aspiration/trephine bone biopsy	4849	1534	06432
Intrathecal CSF studies	2233	2868	05101
Others (pleural & ascitic fluid aspiration)	1414	614	02028
Chemotherapy: Total	50806	13216	64022
Day care chemo – Room No. 7	40155	3979	44134
Day care chemo special/semi special ward	00489	-	00489
Chemotherapy in wards	10162	9237	19399
Bone marrow transplant: Total	37		37
Allogeneic	20		20
Autologous	17		17

Academic Activities: We run academic sessions for DM students during grand rounds which include case presentation, and other oncology topics under guidance of faculties. They actively participate in clinical meetings, regularly participate in CMEs and webinar on oncology for post graduate students. We invite faculties for guest lectures, conduct trainings of medical officers and physicians for chemotherapy administration and toxicities.

The department runs DM medical oncology super-specialty course affiliated to BJ medical college and Gujarat University. The course started in 1991 with an intake of 4 students per year which has increased to 10 students per year from 2010-2019 and 9 students per year 2020 onwards.

There are 27 resident doctors, 9 students are enrolled every year. They actively participate in outdoor services, chemotherapy planning, chemotherapy administration, day care procedures, indoor services, emergency services, documentation – data entry, case discussions, oral/poster presentation of clinical topics and publications under guidance and supervision of the teachers and faculties. They prepare dissertations under guidance of their teachers. They also participate in clinical trials, BMT services, care of paediatric cancer patients and education programs for the rotators, undergraduates and newcomers.

Research Activities: The department has a dedicated clinical trial wing. It was established in 1996. The department has undertaken research projects supported by GCS, ICMR and pharmaceutical companies. There are more than 150

international, national and GCS clinical trials have been conducted and more than 1500 patients have been treated. All faculties and clinical research staff are ICH-GCP trained. The department works to ensure that opportunities for collaborative research are maximized and that research is rapidly and efficiently translated into cutting-edge clinical treatment for cancer patients. The department conducts regular training for its staff on Good Clinical Practice (GCP) workshop, regulatory guidelines etc. The clinical trial wing has one clinical research assistant, two clinical research coordinators and one social worker.

Honours and Achievements:

CME Organized: CME organized by the department were as follows:

- Virtual preceptorship on Precision Oncology in clinical practice on 27/04/2023 and 02/05/2023
- Symposium on Hepatocellular Carcinoma on 28/05/2023
- Role of Dual Blockade in HER 2+ve Breast Cancer by Prof. Dr. Susana Sousa on 12/06/2023
- Evolving treatment landscape of DLBCL by Dr. M. B. Agarwal on 20/10/2023
- Training program on IV iron on 01/11/2023
- Educational program on Breast Cancer and Emerging evidence of Abemaciclib on 16/03/2024

Staff Training: Training of Medical Officers and Physician for Day Care Chemotherapy conducted on December 19, 2023.



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E. PALLIATIVE MEDICINE

I/c Deputy Director, Professor & HOD: Dr Priti Sanghavi

Associate Professor: Dr Bhavna Patel

Assistant Professor: Dr Ravi Umrana



Clinical Services: OPD, IPD, Home Care, Emergency services, Hospice Care.

Details of Work Done	Number
Number of patients in OPD	24875
Number of patients admitted (IPD)	2473
Total number of patients assessed in Emergency Department	243
Home care visits	353
Referrals to Hospice	362
Number of Procedures	517

Academic Activities: Training / Courses offered

- 1) Certificate course of Essential Palliative Care Part A and Part B.
- 2) Training of Doctors & Nurses under National Program for Palliative Care.
- 3) Training for 'Medical Use of Essential Narcotics Drugs' under NDPS act.

Research Activities:

- Identifying the need of palliative care in emergency department at the state cancer care centre.

- Impact of early palliative care in patient having brain tumor.
- Estimation of prevalence and identification of risk factors of constipation in head and neck cancer patients and management at specialist palliative care centre.
- Estimation of symptom burden in advance pancreatic cancer patient and impact of palliative care intervention on it.
- Identifying the need of palliative care and symptom burden in paediatric oncology patient.
- Prevalence of various symptoms in adult patients with haematological malignancy and outcome after palliative care intervention.
- Usefulness of the Palliative Prognostic Index (PPI) in Indian patients with advanced malignancy.
- A Study to identify prevalence of collusion and impact of breaking collusion in cancer patient visiting Palliative Medicine department.

Major Achievements: Dr Priti Sanghavi, Deputy Director (I/C), Professor and Head was the Organising Secretary of 31st International Conference of Indian Association of Palliative Care (IAPCON 2024) held at GCRI, Ahmedabad.



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Dr Dipesh Dave, Resident received Dr. T. B. Patel Gold Medal for oral paper presentation during Hospital Day Celebration on April 6, 2024.

Conference organized: Department has organised 31st International Conference of Indian Association of Palliative care (IAPCON 2024) during February 9-II, 2024 at GCRI Ahmedabad. Total National delegates were 440 and International delegates were 32. Department has also organised following six Pre-conference workshops on February 8, 2024.

1. Building Grief and Bereavement programs
2. Palliative Care Physiotherapy for cancer patients
3. CBT Approaches in Palliative Care
4. Symptom Assessment and Management in Palliative Care: Empowering Nurses for optimal Patient comfort
5. Extending the reach of Paediatric Palliative Care to improve the quality of life of children with life limiting conditions.
6. Point of care USG in Palliative Care





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F. ONCOPATHOLOGY

Head & Professor (Practising): Dr Priti Trivedi

Associate Professors: Dr Dhaval Jetly, Dr Biren Parikh, Dr Beena Brahmhatt

Assistant Professors: Dr Majal Shah, Dr Ashini Shah, Dr Jyoti Sawhney,
Dr Vibha Vyas, Dr Jahnvi Gandhi, Dr Nainesh Menat,
Dr Shailee Mehta, Dr Rujuta Shah, Dr Satarupa Samanta



Clinical Services: Oncopathology Department is Heart of our Cancer Hospital. Oncopathology Department is NABL Accredited. Department is well equipped with highly sophisticated and state of the art instruments. Department provides services like Histopathology intraoperative Frozen Section, Haematology, Biochemistry, Cytology, Immunohistochemistry & Flowcytometry. The DM Oncopathology Course has been started from the year 2019 with 08 seats, out of total 15 seats all over India. Department participates in two different EQAS Programmes regularly.

Academic Activities: Post - Graduate Diploma Medical Laboratory Technology (PGDMLT) Course and Two - year fellowship programme in Oncopathology are conducted by the department.

Research Activities: Department is involved in research work, dissertation of students and publications.

Central Laboratory - Haematology

Details of Work Done	Number of Patients
CBC + DC	191818
DC Manually	78849
ESR	4003
Urine Test	10580
Urine BSBP	10580
PS / Indices	6568
PT	40624
APTT Test	34913
Plasma Fibrinogen	1501
FDP	958
G6PD	486
Fetal Hb	4
LE Cell	0



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Details of Work Done	Number of Patients
Sickle Test	22
Sucrose Lysis	9
Osmotic Fragility	14
RC	2335
CSF	346
Pleural Fluid	376
Ascitic Fluid	248
Other Fluid	45
Stool	1029
B.J. Protein	17
Bone Marrow	3852
Bone Biopsy	2811
Pas Stain	669
Sudan Stain	731
Iron Stain	3541
Retic Stain - BM	2492
D - Dimer	1137
Total	400558

Central Laboratory - Biochemistry

Details of Work Done	Number of Patients
Blood Sugar	61989
S. Acetone	60
BUN	156158
S. Creatinine	174063
S. Electrolytes	166289
S. Alk. Phosphatase	90012
S.G.O.T (AST)	141028
S.G.P.T (ALT)	141110
S. Total Protein	93768

Details of Work Done	Number of Patients
S. Albumin	92357
S. Bilirubin Total	141020
S. Bilirubin Direct	141020
S. Uric Acid	46652
S. Calcium Total	67874
S. Megnesium	56584
S. Inorganic Phosphorus (PHOS)	47336
S. Lactate Dehydrogenase (LDH)	81631
S. Amylase	2069
S. Lipase	773
S. Iron (Fe)	2247
S. UIBC	2099
S. Cholesterol	1896
Triglyceride	2033
HDL	1869
HbA1C	6123
ADA	184
Fluids	1016
24 Hrs. Urinary Protein	50
S. Protein Electrophoresis (SPE)	899
S. Immunofixation (IFX)	836
S. IgG	767
S. IgA	758
S. IgM	759
S. Light Chain Kappa, Total	785
S. Light Chain Lamda, Total	774
Methotraxate (MTX)	1445
Cyclosporin (CYCLO)	1105
Total	1727438



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Endocrinology - Immuno Assay Tests

Details of Work Done	Number of Patients
Alpha Fetoprotein (AFP)	3695
Carcinoembryogenic Antigen (CEA)	6013
CA - 125	5239
Prostate Specific Antigen (PSA)	2232
CA - 19.9	4353
CA - 15.3	466
Human Epididymal Protein 4 (HE4)	3169
Human Chronic Gonadotropin (B - HCG)	2575
Follicle Stimulating Hormone (FSH)	1073
Leutinizing Hormone (LH)	838
Prolactin (PRL)	315
Estradiol (E2)	868
Testosterone (T)	569
Cortisol	744
Groth Hormones (GH)	221
Thyroid Stimulating Hormone (TSH)	10351
Total T3	9899
Total T4	9899
Free T3 (FT3)	5589
Free T4 (FT4)	5673
Parathyroid Hormone (PTH)	883
Thyroglobulin (TG)	1046
Vitamin B-12	3049
Vitamin D	2085
S. Ferritin	2311
S. Folate	2091
New Tests	
Procalciton (PCT)	13151

Details of Work Done	Number of Patients
B2MG	567
Total - IM	7552
Total - CHE	1727438
TOTAL	1826402

Histopathology Laboratory

Details of Work Done	Number of Tests
Biopsies	17862
Slides of Biopsies	22472
Operative Specimens	3963
Slides of Operative Specimens	84143
Biopsies & Specimens for Review	6803
Slides of Review Specimens and Biopsies	23322
Frozen Specimens	2817
Slides of Frozen Specimens	12879
Special Stain + Cyto Block + Extra Bits	29306
Total Number of Biopsies and Specimens	31445
Total Number of Slides	1,58,762

Cytopathology Laboratory

Details of Work Done	Number of Tests
Pap Smear + LBC	2509
FNAC	1756
Fluid Cytology + Cyto Block + CSF	4532
Outside / Camp Pap Smears	862
HR HPV DNA	5104
Total	14763



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Honors and Achievements: Dr Henisha Tahiliani, first year DM Resident received First Prize for poster presentation at CME on lymphoma Update, M.K. Shah Medical College, Ahmedabad on March 30, 2024.

Dr Samrat Bordoloi, first year DM Resident received Third Prize for poster presentation at CME on lymphoma Update, M.K. Shah Medical College, Ahmedabad on March 30, 2024.

Dr Sabrish Krishnan, second year DM Resident received Second Prize for poster presentation at CME on lymphoma Update, M.K. Shah Medical College, Ahmedabad on March 30, 2024.

Dr Tara Nair, second year DM Resident received Second Prize for poster presentation at Diagnostic Updates & Molecular Advances in Cancer at AIIMS, Mangalgi during November 4 - 5, 2023.

Dr Vinamrata Soni, second year DM Resident received First Prize for poster presentation at GCS Medical College, Ahmedabad on August 12, 2023, and Rank 25 for poster presentation at 29th AIPNA ICP International CME in Pathology, Chandigarh, during February 9 - 11, 2024, .

Dr Shayatan De, second year DM Resident received Second Prize for poster presentation at National CME on Neuropathology, GCRI, Ahmedabad on February 3, 2024.

Dr T. Rama Devi, second year DM Resident received First Prize for poster presentation at National CME on Neuropathology, GCRI, Ahmedabad on February 3, 2024.

Dr Saurabh Goswami, third year DM Resident received Second Prize for poster presentation at National CME on Neuropathology, GCRI, Ahmedabad on February 3, 2024.

Dr Udaya S, third year DM Resident received First Prize for poster presentation at GCS Medical College, Ahmedabad on August 12, 2023, and Third Prize for poster presentation at National CME on Neuropathology, GCRI, Ahmedabad in February 3, 2024

Dr Kumar S, third year DM Resident received First Prize for poster presentation at National CME on Neuropathology, GCRI, Ahmedabad on February 3, 2024.

CME Organized: CME on Neurooncopathology organized by Department of Oncopathology, The Gujarat Cancer & Research Institute & Neuropathology Society of India (NPSI) on February 3, 2024. Pre CME workshop on Next generation sequencing was organized on February 3, 2024.





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F2. BLOOD BANK

Incharge, Blood Bank: Dr Nainesh Menat

Medical Officer: Dr Bhargav Pandya



Clinical Services: Blood Bank collects blood from voluntary and replacement donors in the hospital and outside the hospital by arranging the outdoor blood donation camps, collecting more than 17,000 blood bags per year. Blood grouping of the donors and patients is done by automated grouping machine and blood is supplied to the patients after cross - matching with latest technology. The blood bank is well equipped with all the modern equipment like Fully automated blood grouping and antibody screening machine, column agglutination [Gel - technology] for cross matching, electrochemiluminescence immunoassay for testing of transfusion transmitted disease testing, apheresis machines, blood irradiator, fully automatic component separation machine for leukoreduction of components which prevents blood transfusion reactions. In apheresis procedures plateletpheresis, therapeutic apheresis and peripheral blood stem cell collection are done routinely.

Details of Work Done	Number
Donor Area	
Blood Tapping	17145
Replacement Donors	14357
Voluntary Donors	3603
Single Donor Platelet + other apheresis	2052

Details of Work Done	Number
Outdoor Camps	32
Transfusion	
Whole Blood + PCV (Packed Red Cell)	19253
PC (Platelet Concentrate)	26818
FFP (Fresh Frozen Plasma) + Stored Plasma	6129
Single Donor Platelet	1966
Autologus & Allogenic B.M. Collection & Therapeutic Apheresis	52

Tests	Patients	Donors
Blood Groups (automation + manual)	43930	50360
Coomb's Test (IAT + DAT)		1354
Du Test for weak antigen		1236
Cross Match		23571
HbsAg		18664
HIV		19040
HCV		18675
VDRL		20444
Malarial Parasaites		18933



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Academic Activities: MD (Transfusion Medicine) students from all Medical Colleges of Gujarat, as well as doctors and technicians from all over Gujarat are coming for training of component separation and apheresis procedures. As a rotational curriculum, DMLT students get one-month training of each section of blood bank e.g.

donor screening, blood collection, blood component separation, apheresis procedure, cross matching and transfusion transmitting infection testing.

Public Services: Blood bank organizes blood donation camps.





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F3. MICROBIOLOGY

Professor & Head: Dr Purav Patel



Clinical Services: It includes diagnostic services and infection control services. Diagnostic services include Bacteriology, Mycology, Serology, Immunology, Molecular diagnosis, and inhouse media preparation. Infection control activities include training and education on infection control. Surveillance of infection control indicators, advisory on cleaning & disinfection, management of post exposure prophylaxis and CSSD - sterilization and disinfection of regular instruments and items on daily use infections.

Research Activities: Ongoing research includes Hepatitis B viral seromarkers in cancer patients, identification of prevalence of infection among bone marrow transplant recipients in regional cancer centre, and Quality System, Standards and Performance Indicators, for Prevention and Control of Hospital Acquired Infections.

Achievements: Dr Hardik Chaudhary, third year Resident received Second Prize in poster presentation in GAPM Conference held at Vadodara, Gujarat during December 16-17, 2023.

Public Services: Surveillance activities conducted for Sadbhav Trust.

Details of Work Done	Number
Diagnostic Services	
Culture and Sensitivity Tests	14500
Serology and Immunology Tests	98420
Molecular Diagnosis Tests	2175
Infection Control Services	
Infection Control Training	185
Surveillance of Hospital Areas	1182





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G. RADIO-DIAGNOSIS

GI. IMAGING SERVICES

Professor & Incharge: Dr Hitesh Rajpura

Professor: Dr Himanshu Soni

Associate Professors: Dr Saumil Desai, Dr Drashty Chauhan, Dr Sanjeev Patel

Assistant Professors: Dr Sapna Patel, Dr Deepti Makhija

Visiting Interventional Radiologist: Dr Milan Jolapara, Dr Trupti Mehta, Dr Nisarg Thakker



Clinical Services: The department is fully equipped with QRAD 50 Shimadzu X-ray units, Mammomat-Mammography machine, Two Doppler machines of GE-Logic P5, Fuji CR system, Medsynapse-Department networking and data storage system, USG-High end Siemens USG S3000, Portable GE Ultrasonography, Digital Radiofluorcopy High-end Ultrasonography-Epic5 (2) and affinity 70 (1), CT Somatom 16 Slice, CT Scan 128 Slice, Digital Mammography, Specimen Radiography System, Digital Radiography, Portable Digital Radiography system and 3T MRI Machine.

Department also supports imaging services for various camps and health checkup programmes conducted by institute. The department is also performing the Executive Health Check up for IAS / IPS / IFS officers. The department also participates in GCRI academic meetings.

Details of Work Done	Number
X-Ray	48227
Portable X-Ray	15222
USG	18770

Details of Work Done	Number
Portable USG	625
CT scan	30960
MRI	6230
Mammography	5536
Color Doppler	1327
USG Guided Biopsy	2453
CT RT Planning	78
CT Guided FNAC / Biopsies	953
CT Angiography	267
PTBD	27
CT RFA	25
Various procedures Barium, IVP, Loopogram	13
a) Contrast Radiology (Barium / IVP)	19
b) Loopogram	19
c) CT STB	0



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Academic Activities: Regular lectures, case presentations, journal presentations, interesting case discussion conducted for resident doctors in the department. We conduct preliminary exams for exam going students.

Research Activities: Department is maintaining patient's data and images. We are generating statistical data and studies which is published in national and international conferences.

Major Achievement: Dr Himanshu Soni, Professor was invited Faculty at BRIIT 2024, TMH, Mumbai during February 24-25, 2024.

Conference Organized: CME in Radiology was organized jointly by Radiology Department, GCRI & Radiology Department, Civil Hospital, Ahmedabad in 2023.

Public Services: We actively participate in Health Check up Programme - Mammography organized at various parts of Gujarat State organized by GCRI. We also participate in Executive Health Check up programme.

G2. NUCLEAR MEDICINE

Assistant Professor and HOD of Nuclear Medicine: Dr Ritesh Suthar
Junior lecturer of Nuclear Medicine: Dr Pravin Pareek (Till September 2, 2023)
Medical Officer: Dr Gopal Bavaliya
Nuclear Health Physicist / RSO: Mr Om Prakash

Clinical Services: Gamma scintigraphy, FDG-PET/CT scan, PSMA PET scan, Low dose and high dose iodine therapy and Nuclear medicine clinic for follow up of Carcinoma thyroid patients.



Details of Work Done	Number
PET CT SCAN	3395
PSMA PETCT	100
I-131 Therapy - High Dose A	89
I-131 Therapy - Low Dose T	13

Details of Work Done	Number
Bone Scan	1695
DTPA SCAN	192
DMSA SCAN	212
EC SCAN	-



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Details of Work Done	Number
Thyroid Scan	122
Parathyroid Scan	52
I-131 Whole Body/ Iodine scan	185
HIDA SCAN	7
Gastro-Esophageal Reflux/ Milk Scan	172
Sentinel Node Mapping	61
MIBG SCAN	-
Sialography	-
Myocardial Viability	-

Details of Work Done	Number
Myocardial Stress Study	-
DMSA-V SCAN	-
Gastric Emptying Time Scan	1
Liver Colloid Scan	-
MUGA SCAN	3
DRCG	-
HYNIC-TOC SCAN	34
MECKEL's SCAN	1
Lymphoscintigraphy	4

Major Achievement: Dr Ritesh Suthar received Fellowship in FANMB (Fellow of the Asian Nuclear Medicine Board) 2-23", ANMB education and examination the 22nd Annual General Meeting of ARCCNM and the 62nd Annual meeting of KSNM conference held in Seoul, South Korea.

The department received Best Service Award - First Prize as technical service provider during Hospital Week Celebration in April 2024.





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H. RADIATION ONCOLOGY

Professor & Head: Dr Ankita Parikh

Professor: Dr Maitrik Mehta, Dr Sonal Patel Shah

Associate Professor: Dr Vinay Shivhare

Assistant Professor: Dr Jayesh Singh, Dr Niranjan Dash, Dr Akash Pandya, Dr Krishna Prajapati



Clinical Services: The department conducts Daily OPD between 9am to 5pm. Treatment facility includes four Linear Accelerators including Truebeam equipped with conformal facilities like 3DCRT, IMRT, VMAT, IGRT, Extra Corporeal Radiotherapy, SRS, SRT, SBRT, Adaptive radiotherapy, DIBH (Deep inspiration breath hold), Respiratory Gated treatment, TBI, TMI, TMLI; One Cobalt 60 (Bhabhatron II) teletherapy machine under installation; One Tomotherapy (Radixact); One Cyberknife; Microselectron HDR Brachytherapy machine; Flexitron HDR brachytherapy machine (Elekta); One conventional simulator (Varian) and One CT simulator (Siemens). The department is treating patients from nearby cities and also from Rajasthan, Madhya Pradesh, Maharashtra and Uttar Pradesh

Details of Work Done	Number
OPD New and refereed cases	7753
Linear accelerator	2561
Linear accelerator (precision therapy)	1387
Cobalt	302

Details of Work Done	Number
Tomotherapy	242
Cyberknife	78
Brachytherapy	1071
Conventional simulator	3541
CT simulator	2834

Academic Activities: It includes regular lectures, seminars and journal club presentations on every Wednesday and Friday participated by all MD resident doctors and faculties, daily Bed side case presentations and discussion, and mass rounds every Tuesday and Friday. Apart from MD Radiation Oncology, CMRT course and Msc Medical Physics course are offered by department.

Public Service: PM Yojana audit visit at various hospital in the state.



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I. SURGICAL ONCOLOGY

There are six Surgical Oncology Units (II), and six Super speciality Oncology Units (12-17), which are Reconstructive (Plastic) Surgery (12), Urosurgery

Oncology (13), Musculoskeletal Oncosurgery (14), Paediatric Oncosurgery (15), Interventional Therapeutic Centre (IVTC) (16), Ophthalmic Oncosurgery (17).



Details of Work Done	Number
Major	4710
Minor	7502
IVTC	3910

Details of Work Done	Number
Paediatric Surgery	17
Neurosurgery	564

II. GENERAL SURGICAL ONCOLOGY

Director & Professor: Dr Shashank J Pandya

Professor & Head: Dr Mohit Sharma

Associate Professors : Dr Vikas Warikoo, Dr Umank Tripathi, Dr Ketul Puj, Dr Shailesh Patel

Assistant Professors: Dr Abhijeet Salunke, Dr Jakiyuddin Joeb

Clinical Services: The department offers services in diagnosis, treatment and palliative care of the patients in the field of Head and Neck, Thoracic, Gastro-intestinal & Colorectal, Hepato-pancreato-biliary, breast and others. In the last year total 5874 major surgeries were performed by general surgical oncology. Different surgical teams occupy eight major surgical operation theatres. Day stay unit facilities are provided for biopsy, endoscopic procedure and evaluation of lesion before planning of surgery. The department is involved in diagnostic perioperative care, follow up and care of terminally ill patients.

Public Services: Camps for early detection of cancer are conducted at various places in Gujarat and in the neighbouring states, including organizations such as ONGC, Air Force and Armed Forces etc.

Academic Activities: Regular lectures and teaching programmes are conducted for M.Ch Resident Doctors and Fellows in the department in the form of case presentation, seminar, journal reading & region wise topic presentations. The department also participates in GCRI academic meetings.



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Research Activities: Maintenance of patient's records and statistical data analysis is done. The data is presented

in national level conferences and published in national / international journals.

12. RECONSTRUCTIVE (PLASTIC) SURGERY

Visiting Plastic Surgeons: Dr Hemant Saraiya, Dr Parag Kothari

Clinical Services: Apart from attending OPD once a week, reconstructive surgeries are done in main operation theatre twice per week. Reconstructive surgeries for head and neck cancer patients and CFRs with the help of neurosurgeons are done. Screening of patients requiring prosthesis is done in OPD and they are guided about the artificial limbs and body parts. The department offers services to the patients from all over Gujarat who require

reconstruction of lost body parts and guides them about prosthesis.

Academic Activities: The department is also actively involved in teaching programme of M.Ch students including dissertation submission and internally case presentations in the Institutional clinical meetings.

13. UROSURGERY ONCOLOGY

Visiting Urologist: Dr Keval Patel

Clinical Services: The department offers services in OPD, operation theatre and day stay unit. They examine, investigate and treat patients of urogenital cancer.

Academic Activities: The department is also actively involved in teaching programme of M.Ch students including dissertation submission and internally case presentations in the Institutional clinical meetings.

14. MUSCULOSKELETAL ONCO SURGERY

Assistant Professor: Dr Abhijeet Salunke

Clinical Services: It has two OPD days in a week. The operation theatre of Musculoskeletal Oncology is well equipped with ultra-modern instruments like oscillating saw, oscillating drill, universal assimilating drill, laminar air flow, radiolucent operation theatre table with all necessary attachments, Image Intensifier Television (IITV) etc.

Academic Activities: The department is also actively involved in teaching programme of M.Ch students including dissertation submission and internally case presentations in the Institutional clinical meetings.

15. PAEDIATRIC ONCOSURGERY

Clinical Services: The department offers its services to paediatric OPD, Day stay Unit and operation theatre for treatment of paediatric cancer patients. The department does the procedure of Hickman catheterization, a very important central catheter, for paediatric patients. The procedure is done under radiological guidance.

Academic Activities: The department is also actively involved in teaching programme of M.Ch students including dissertation submission and internally case presentations in the Institutional clinical meetings.



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16. INTERVENTIONAL THERAPEUTIC CENTRE (IVTC)

Full Time Gastroenterologist: Dr Dhruv Shah

Full Time Gastroenterologist (Super Speciality): Dr Kunal Bharadwaj

Visiting Gastroenterologist and Endoscopist: Dr Aniket Bharadwaj, Dr Gautam Tamboliya

Visiting Gastroenterologist: Dr Ruchir Gohil, Dr Radhika Chavan, Dr Vivek Joshi,
Dr Chaiti Gandhi, Dr Rushil Solanki

Visiting Pulmo-Onco Critical Care Specialist: Dr Asif Mansuri, Dr Jaimin Patel, Dr Vipul Sengal

Full Time Pulmo-Onco Critical Care Specialist: Dr Nanditha Ramsing

Clinical Services: The IVTC department under Surgical Oncology department is high volume center for endoscopy services and includes advanced endoscopy like ERCP & Pleuroscopy. It conducted around 3910 procedures in period from April 2023 to March 2024 which includes more than 2951 diagnostic endoscopy and 527 therapeutic

endoscopy as well as more than 432 advanced endoscopy procedure including ERCP. It covers many therapeutic procedures like dilatation, EVL, sclerotherapy, balloon dilations, polypectomy and endoprosthesis deployment. The department is also being imparting training programme for those interested in learning endoscopy.

Details of Work Done	Number
UGI scopy	1315
Colonoscopy	798
RT Insertion/I.L.R.T/NJ	279
Dilatation	142
PEG	0
BANDING	27
Glue/Scleotherapy	2
Endoprosthesis	8
ERCP	302
Stent Removal	6

Details of Work Done	Number
Bronchoscopy	799
Pleuroscopy	33
EUS	130
SVE	39
Achalasia Bal.dil	6
Only biopsy	16
Block	1
Polypectomy	3
CRE balloon	4
TOTAL	3910

17. OPHTHALMIC SURGERY

Visiting Ophthalmic Surgeon: Dr Kaushal Agarwal

Clinical Services: The Department offers services in OPD, Operation Theatre and Day Stay, thrice per week. They examine, investigate and treat patients.

Conference Organized: 11th ABSICON (Annual Congress of the Association of Breast Surgeons of India) was organized under the Chairmanship of Dr Shashank J. Pandya. The Organizing Secretaries were Dr Mohit Sharma and Dr Ketul Puj. The conference was organized in collaboration with HCG Hospital from July 28-30, 2023. 4th ONCO-ORTHCON (1st Ahmedabad Orthopaedic Oncology Course) organized by Dr Abhijeet Salunke on June 24-25, 2023.



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J. NEURO-ONCOLOGY AND NEUROSURGERY

Full-Time Neurosurgeon: Dr Nikhil Modi

Medical Officers: Dr K. G. Patel, Dr Durgesh Kalal, Dr Jayesh Chavda



Clinical Services: Department is well equipped with two operation theatres. The operation theatre is well equipped with Laminar Air Flow and state of the art anaesthesia system, Microscope with C.C.T.V. by Zeiss, Ultrasonic Surgical Aspiration by Valley Lab, IITV, Stereotactic Apparatus, Radio Frequency Lesion Generator, Intensive Care facilities with state of the art cardiorespiratory monitoring system, advanced ventilators and its own dedicated Central Sterile Supply Department.

The Department is running OPD on Monday and Thursday every week where new patients are examined and the follow up patients are regularly attended in the OPD. The Indoor references are regularly attended. The services to the poor patients for neurosurgical diseases are offered. The department also provides emergency services to the patients. The regular teaching to the Medical Officers and Research Fellow is carried out during the ward round and operation. The clinical meeting of the Institute is being regularly attended by all the medical staff and the presentations are made in the clinical meeting as

per the schedule. All the medical staff remains update with reading of the standard neurosurgical text books and journals at the library. The department is also having interactions with other departments of the hospital, e.g. Surgical Oncology, Plastic Surgery, Medical Oncology, Pathology, Radiation Oncology, Radiology and Physiotherapy. The medical staff is regularly presenting the clinical research paper at the national and international conferences. There is also potential to start DNB courses in the specialty of Neurosurgery at Gujarat Cancer & Research Institute.

Details of Work Done	Number of Patients
Selective	3
Supramajor	405
Major	94
Minor	62
Total	564



K. SUPPORT SERVICES

KI. GENERAL ADMINISTRATION AND HUMAN RESOURCES



**Director
GCRI**



**I/C Deputy Director
GCRI**

This department looks after two important key activities of the Institute. General Administration looks after the day to day general administration aspects related to hospital's administrative procedures like conducting meetings of various committees, executing the decisions taken by the committees, streamlining the administrative processes etc. General Administration also supports various events arranged by the Institute for different purposes like Cancer Detection Camps, Cancer Awareness Exhibitions, Workshops, Seminars, Lectures, and Conferences etc.

Major initiatives taken up by this department is implementing Computerized Grievance and Feedback Management Portal to resolve patients and their relatives' complaints as well as internal maintenance issues of the staff for engineering and computer services. System is interactive and complainant gets immediate response through SMS as well as concern department's Head / Officer or doctor or Matrons, also get SMS alert about the complaint. On redressal of the complaints, the same is being updated in the system and the whole process is being closely monitored by the General Administration for effective use.

General Administration also closely works with the computer section for successful implementation of various modules of software for hospital operations as well as administration. Ultimately goal of the General Administration is to provide seamless services to the patients as well as employees for efficient delivery of patient care.

Outsourcing Services: Human Resource Department looks after the Out Sourcing Services, it includes Security Staff, Housekeeping Staff, Utility Service Staff, Canteen Facilities, Diet for patients and Biomedical Waste Collection. Department also manages Outsourcing Services of other Centers of GCRI (Saurashtra Cancer Care Centre, Rajkot & Siddhpur Cancer Care Center, Siddhpur). Department also looks after the process of tendering, evaluation, billing process of outsourcing services and regular monitoring of outsourcing services.



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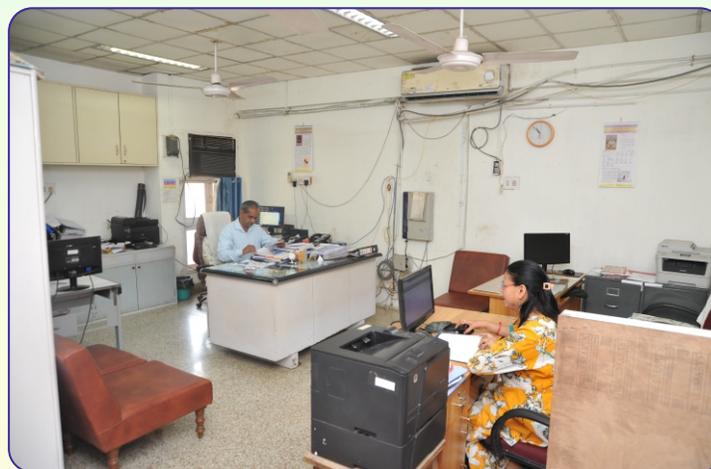
HUMAN RESOURCES SECTION



Human Resources Section looks after the process of recruitment of new human resources, promotion, disciplinary action, training, maintenance of human resources' records, retirement process etc. Human Resources Section also identifies different training programmes for capacity building of human resources in the Institute and appropriate staff members are deputed to

attend training outside the Institute. As a continuous effort of capacity building of staff, regular training programmes of nurses and other staff are also being arranged internally with the help of NGOs and other organizations. Human Resources Section aims at recruiting and retaining best of talents for the Institute's day to day operations.

SECRETARIAL SERVICES SECTION



General Administration Department is also supported by the Secretarial Services. Secretarial staff which provides support for all general administrative activities like organization of workshops, seminars, conferences, publication of various materials, preparing agenda and

minutes of meeting, circulars, maintenance of important office records, correspondence and public relations with the visitors visiting Institute to meet higher officials as well as Institute's other activities.



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STORE AND PURCHASE SECTION



This section provides efficient services for supply chain management of consumable items required for day to day hospital operations. This section also conducts process of inviting e-tenders and fixing up the contracts as well as efficient management of the contracts. Timely supply and inventory management in any hospital not only smoothen

the day to day operations but also prevents unnecessary stocking of various items. This section continuously strives to improve day to day supply chain management. A new software has been procured to improve the efficiency of inventory management.

ACCOUNT SECTION



The functions of Account Department in organization is very vital. It shows a financial picture, health and stability of the entity. The role and duties of the department includes the following:

Planning: Prepare, implement and evaluate Budget. Liaison with Government for budget and their allied matters.

Money Out: Making payment to all parties / staff with in due date which convert into credit building of the organization.

Money In: Processing incoming payments and placement of fund for wealth maximization of the organization.



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Reporting: Prepare financial data and reports to comply with applicable laws. Make internal and external reporting in various forms.

Controls: To implement financial controls which avoids error, fraud, theft etc and run the organization as per approved policies.

BIOMEDICAL ENGINEERING SECTION

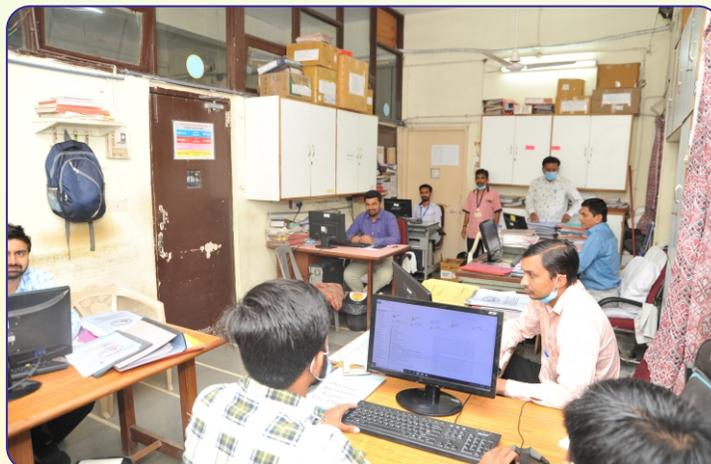


Biomedical Engineering Section looks after the e-tender process for procuring new equipments, arranging technical committee, tender committee and purchase committee's meetings, contract management for procurement of new equipments, maintaining the schedule for maintenance of different high-tech medical equipments etc.

Efficient management of maintenance schedule helps Institute in keeping down time of the different equipments' negligible. The section also supports hospital's different departments in maintenance and troubleshooting of their equipments. This section is also responsible for providing efficient services in day to day

management of operation theatres' equipments. They are also responsible for providing services at Siddhpur Cancer Care Centre, Siddhpur managed by Gujarat Cancer & Research Institute under an agreement with Govt. of Gujarat and Rajkot Cancer Care Centre. This section also provides training to Bio-medical engineering students, Diploma Biomedical Engineering students and I.T.I. students coming from different institutes. They also look after the work of AMC/CMC of various equipments for proper functioning of medical equipments. They also maintain records and check list of AMC/CMC for preventive maintenance.

ENGINEERING AND MAINTENANCE SECTION





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Institute's buildings are old and some of the buildings are more than 50 years old which requires continuous maintenance for civil, electrical, electronics and communication, air conditioning works etc. This section looks after the day to day maintenance of civil work, interior decoration, electrical installations, air

conditioning, lift maintenance etc. This section also helps Institute in procurement of maintenance services as well as new construction work, electrical installations, air conditioning, communication, CCTV etc. This section also provides efficient services for estate management. Maintenance of Rajkot and Siddhpur Cancer Care Centre.

INFORMATION TECHNOLOGY SECTION

IT Head: Mr Navnit Jethava

Jr. Data Entry Operator: Mr Arpit Raval

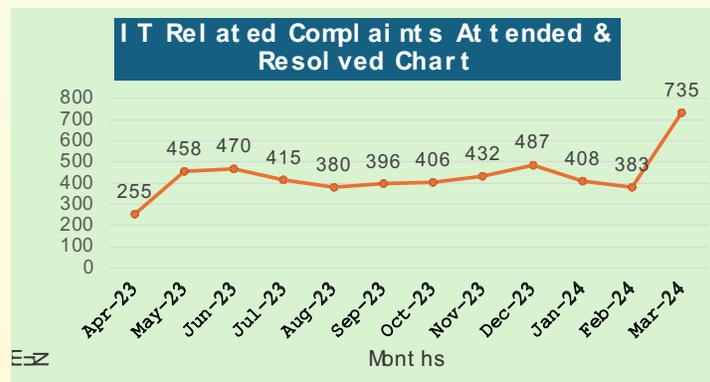


The Information Technology (IT) section is enabler for better patient services. IT team develops an IT strategy that supports the organization's objectives and helps build a strong competitive advantage. IT Team also ensures that the right level of IT resource is available to meet changing levels of demand. IT team is focused on adaption of latest technologies, infusing new and cost effective ideas for ease of operations and patient centric facilities. Our road map is

to move towards cloud based computing to minimize on premises IT infrastructure. Business Continuity Planning (BCP) and Disaster Recovery (DR) Planning, Network security, Data Security, Data Protection, License compliance, Cloud based email system, Hospital Information Management System are the daily activity of Information Technology section.

Total number of complaints attended and resolved

Apr - 23	May - 23	Jun - 23	Jul - 23	Aug - 23	Sep - 23	Oct - 23	Nov - 23	Dec - 23	Jan - 24	Feb - 24	Mar - 24	Total
255	458	470	415	380	396	406	432	487	408	383	735	5225





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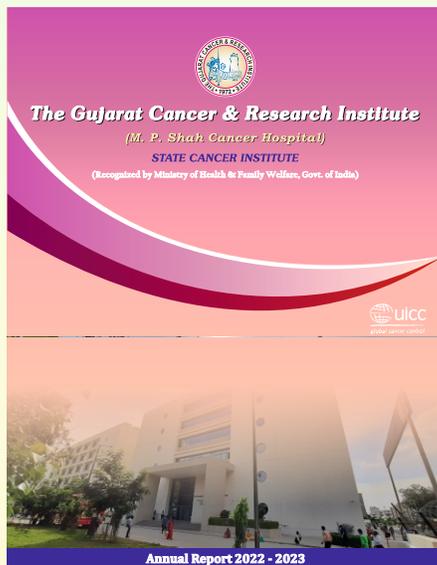
K2. EDUCATIONAL GRAPHICS & MEDICAL PHOTOGRAPHY

Chief Photography & Publicity: Mr Rushi Patel



Services: The department plays an important role in catering all the needs of Photography and Graphic work of the institute for the purpose of clinical, educational and public awareness activities. The department has digital in-house production facility of educational material. The annual department workload includes more than 3200+ clinical and various institutional activities photographs. Besides this the technical manpower is contributing their expertise in designing institutional publication and printing materials e.g. designing Annual Reports, GCS Research Journal, Certificates of various courses run by the

Institute, Various Forms, Registers and other Stationaries, Hospital Website Photos & Graphic updates, staff Identity Cards, Institutional Circulars and Cancer Awareness Posters for mobile exhibition. The department is also involved in facilitating preparation of presentation materials and handouts for scientific meetings. The department also participates in all the GCRI / GCS public awareness campaigns. Department staff also involves in designing community awareness material and make it understandable for lay people.



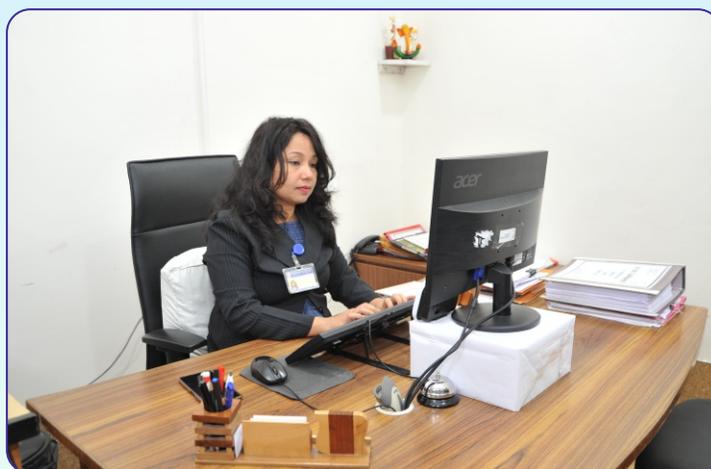


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K3. LIBRARY & INFORMATION SERVICES

Librarian: Dr Nuri Kalita

Assistant Librarian: Mr Jagdish Gohel



Services: Library & Information services, GCRI provides value added services by providing the right information in the right way to the right user. Library and Information Service division work with mission to set high standards of excellence in the preservation of knowledge. It is comprehensively the scientific, evidence, academic syllabus materials and other information to help medical super speciality academic degree, PG program and other academic courses. This department serves resources to the faculty members, Resident Doctors, Students, Clinicians, Paramedical staff, Research Scientists, and other staff. The Library and Information Service department not only helps in supporting the Institute running academic programs, but also evolves the horizon of knowledge regarding the different research programs carried out by the Institute.

Library & Information services is fully automated Library SOUL 3.0 software with barcoding facility. All hard copies of books are laminated with plastic covers. Books & other Library materials arranged in an open access user-friendly system. DDC classification is used for classified all the library books. Library housekeeping operation is managed through library automation SOUL 3.0 software with Web OPAC facility. The Library and Information services department is situated on the ground floor of GCRI C- Block. Room No C-51 is designed for the Central

Library, Room No C-52 using as Digital Library, Room No C-53 for Student Reading Room, and Room No C-54 is dedicated to Faculty reading room.

The main purpose of GCRI library is to support medical education, including teaching and research with special focus on academic credit and improving patient care. To fulfil all the expectation of user groups, GCRI Library is providing various services are Digital library service, Online databases, E-Books, E-Journals, Digital notice board, Question paper bank, Audio-Video facility, Computer Lab with High speed Internet facility, E-mail service, Borrowing facility, Current awareness service, reprography service, SDI, Alert services, Staff Library of non-medical books, Individual reading room for faculty & Students, Reference Service, Article on request and Literature search service, Plagiarism Check, Dissertation, thesis, logbook, Publication archives, Old bound Volume Archives etc. The GCRI Library is under CCTV surveillance. There are 23 Computers with high-speed board band internet facility available in the library. Apart from a good collection of Physical books & Journals GCRI Library is continue subscription UpToDate online medical database from 2015 onwards. UpToDate online medical database can be accessed through Institute IP and User ID/Password facility.



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Collection Building: During the FY 2023-2024 report major collection of GCRI library and Information services added 84 new Oncology international and national book titles and 49 international & national Journals 2024. Continue subscription of online medical database UpToDate for the year 2023-2024. Renewed Union for International Cancer Control Institutional membership (UICC) for the year 2024. Online access facility to OVID, Clinical Key and Akshara Discovery tool through Hospital static IP by forming part of NCG available to users. For promotion of academic integrity GCRI Library supports checking plagiarism activity through use of anti-plagiarism software 'iThenticate' NCG platform

Academic Activities: Dr Nuri Kalita, Librarian conducted GCRI induction training program and gave 9 presentations in a year to newly joined GCRI staff members.

Details of Work Done	Number
Database uses statistics for UpToDate Medical Database	51778
New Member Registration & Renewal UpToDate Medical Database	160
Reprography services for Xerox, Print and Scanning record	17161
Digital Library Users statistics	17777
Issue/Return of books	651
Email Services: Circulated office circular and other academic information	480
Visiting register record for reading, reference, and other activities	431
Collection of Scientific published research articles	99
Archived hardcopy & softcopy Dissertation and Logbook	81
Library new Membership	41
Research Help: Plagiarism report	73
Article on request for full text service	98
Subscription of International and National Journals	49
New Oncology book titles added	84





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K4. NURSING SERVICES

Deputy Nursing Superintendent: Mrs Mona Darji

I/C Matron Grade II: Mrs Manisha Katara



Clinical Services: It is provided at CVC Care Center, PICC, Hickman, Central line Dressing Care and Management, as well as Port Needle Insertion and Dressing. Also explain patients to maintain hygiene.

Seminar Organized: Paediatric Oncology Seminar was held on November 30, 2023 for nursing professionals with an objective to build best skilled professionals to care for child health group. The program was facilitated by faculties from Tata Memorial Hospital, Mumbai. About 68 participants participated in this seminar. There were discussions about various topics like CVAD care and maintenance, advanced therapies, and role of infection control in Paediatric Oncology and innovative strategies in paediatric palliative care. Importance of nutrition and nutritional assessment, surgical innovation and challenges in paediatric pain management, selection, preparation, and supportive care of paediatric patients during HSCT were also discussed.

CVC Care Center	
Details of Work Done	Number
Total Dressing	7982
PICC insertion	348
Certofix Insertion	363
Hickman Catheter Insertion	110
Port Catheter Insertion	71
Port Needle Insertion	1635
CVAD Removal	324

Chemotherapy, Blood Transfusion & Other Procedure Data	
Procedure	Number
Total Chemotherapy (Adult + Pediatric)	44134
Total Procedure (Adult + Pediatric)	15277
Blood Transfusion (Adult + Pediatric)	4687



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Chemotherapy Day Care Paediatric & Adult OPD Data		
Plural Fluid Tapping	286	644
Ascitic Fluid Tapping	292	709
Collection for tumor markers,	253	635
Total	5359	9918
MINOR O.T.	Paediatric	Adult
New Cases	1381	-
Chemotherapy	3979	40155
Blood Transfusion	975	3712
Procedures and Sample Collection		
BMBX	924	2655
BBX	606	2115
IT	2269	1319
CSF Tapping	660	864
Immunophenotyping	34	320
Cytogenetics	35	657





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K5. STOMA CLINIC

Staff Nurses: Zinikakarlin Christian, Nishita Patel



Clinical Services: The services offered by the department include: (1) Giving pre-operative counseling to the patients and their relatives (2) Doing stoma site marking before surgery to prevent future problem (3) Selecting the stoma bags according to stoma and applying on ostomy patients as well as on Drain site, midline stitches leakage site (4) Giving detail instruction and teaching about application of stoma bags and stoma management to patients and their relatives (5) Giving post-operative counseling and home going instructions like diet, bathing, clothing & travelling kit (6) Managing stoma complications like Prolapse, mucocutaneous separation, skin excoriation (7) Managing Fistula with application of wound manager (8) Keeping detail record of Indoor and Outdoor Patients (9) Providing stoma bags & its accessories & Keeping detail record of bags & its accessories for Indoor and Outdoor Patients (10) Giving distal loop wash & stoma irrigation as per doctor's order (11) Teaching nursing students, District nursing staffs, GCRI nursing staffs regarding stoma care & management (12) Keeping record of nursing student & sanjeevni students (13) Attending patients which are referred from outside hospitals

Clinical Services:

	New Patients	Old Patients
Colostomy	202	1506
Ileostomy	124	806
Ilealconduit	55	376
Drain / Fecal fistula	151	84
Total	532	2772

Total Bags	Total number of Bags given paid	Total number of Bags given free
29146	9676	19470



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K6. PHARMACY

Chief Pharmacist & Store Officer: Mr Rakesh Patel



Services: About 585 medicines are dispensed from pharmacy. The Pharmacy Computers are linked with all bill collection counters to know the day - to - day stock availability of medicines in pharmacy. Only outdoors patients (with Rx of Tablet / capsules) are supplied Medicines from ground floor Room No. A - 4; ground Floor A - Wing of new building which is just near to Gynec OPD. Indoor Patients (admitted in wards of old building) are dispensed medicines from second floor (Dispensing Pharmacy for Indoor Patients) near to New B.M.T. ward Room No. 210. Day care patients and patients admitted at new building are dispensed chemotherapy and its supporting drugs near to Chemotherapy ward Room No. 413, 4th Floor C - Wing of New Building defined as Chemotherapy Pharmacy which remain opened from 8:00 a.m. to 9:00 p.m. Online Pharmacy Management System has been implemented successfully for the pharmacy requirement of Siddhpur Cancer Care Centre, Saurashtra Cancer Care Center, Rajkot & Bhavnagar Cancer Care Centre, Bhavnagar. Online Ward Indents system is implemented successfully and are supplied from Indoor Pharmacy located at Main Pharmacy, above Annapurna Canteen. All Departments as well as wards for

their Medicines requirement indents are supplied from Main Store - first floor above Annapurna canteen. Management of Pharmacy - procurement, storage, distribution and control of all pharmaceuticals used within the institution and for management of personnel within the pharmacy department is controlled by Main Pharmacy Store - first floor above Annapurna Canteen. Patients of PMJAY Yojana, School Health Program and SC / ST category & other Post - Paid Category patients are supplied costly drugs as well as surgical items / ortho - surgical items free of cost as per the policy of Institute.

To provide better services to patients, the pharmacy services hours are remain open from 8:00 am. to 9:00 pm.

Details of Work Done	Number
Number of Patients dispensed Medicines	388600

Major Achievements: Pharmacy Department has received Second Prize among Best Administration Support / Technical Service Provider category during Hospital Week Celebrations 2023.



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K7. PHYSIOTHERAPY

Senior Physiotherapist: Dr Manali Shah

Physiotherapist: Dr Jasmin Khoja, Dr Shwetak Vasava



Clinical Services: The department renders services to both indoor and outdoor patients of all age groups. Indoor services are mainly for postoperative phase who had undergone surgery or for patients who are on ventilators or tracheotomy patients. Outdoor services mainly consist of preoperative chest physiotherapy, pain relief and rehabilitation. All patients undergoing for major operation are referred to this department. Electrotherapy has various pain relief modalities. Rehabilitation of paraplegics, quadriplegics, amputees, orthopedic condition like total knee replacement, hip replacement, rotationplasty and peripheral nerve injury. The department also treat paediatric group of patients having above problems by giving them quality of treatment which helps them to live near normal life. The patients of trismus, radiation mucositis, undergoing for BMT and lymph edema are treated by certified lymphedema therapist over here. Intraoperative neuro monitoring is also being handled by physiotherapist during surgery. Physiotherapist is also one of the team member of multidisciplinary team for giving palliative physiotherapy treatment for palliation of symptoms. Physiotherapists provides maximum support to the patients who needs functional independence. They match patients exercise as per the need, safety and formulate same to benefit patient in an effective way. The skills of therapist help individuals to gain functional mobility. Physical activity has shown

tremendous improvement in cancer survivors. Higher the physical activity means lower the mortality rate in cancer patients. Generally, these patients show low levels of physical activity due to prolonged bedridden illness. Early physical activity leads to early movement of the patient. It also helps increasing the participation of the patient in the daily routine activities with decreased dependency on the care takers. It also helps to reduce functional difficulties related to work.

Details of Work Done	Number
Indoor patients	4511
Outdoor patients	29779

Academic Activities: Clinical teaching to B. Physiotherapy students of different self-finance colleges. Dissertation for students of Master in Physiotherapy in cancer rehabilitation under the guidance of Dr. Manali Shah is carried out.

Workshop Organized: Dr Manali Shah was the coordinator for preconference workshop on palliative care physiotherapy for cancer patients at IAPCON 2024.

Public Service: Dr Manali Shah delivered lectures to students who are doing cancer caregiver course.



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K8. PROSTHESIS & REHABILITATION

Assistant Medical Sculpture: Mr Dipan Soni



Clinical Services: The department prepares artificial limbs and organs, part of face and other prosthesis. The prosthesis mentioned in table are made from silicone and Acrylic.

Academic Activities: Total 25 MDS students attended the department for one-month training for external prosthesis of Maxillofacial. Total 3553 MSc, BSc, and GNM Nursing students & tutors also came to learn about External Prosthesis as it is one of the subject of their curriculum. Patients are also given training of how to use the prosthesis and are rehabilitated.



Details of Work Done	Number of Patients
New Patients	663
Follow Up Patients	989
Total Patients	1652
Prosthesis Name	Number of Prosthesis
Eye	11
Cheek	40
Nose	2
Vaginal Dilator	21
Breast	1181
Total Number Prosthesis	1255



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L. CANCER BIOLOGY DEPARTMENT

Cancer Biology Department was established in 1980 with primary research focus area on Translational Cancer Research. The department has now metamorphosed into 5

state of the art research laboratories involved in basic and applied research in cancer biology and caters advanced diagnostic services for cancer patients.



Research Activities: Since its inception, the department is actively engaged in clinically oriented research projects and has contributed significant data having clinical implications for cancer patients. The major areas of research are Cancer aetiology, Signal transduction, Genomics, Cytogenetics, Pharmacogenomics, Proteomics, Stem cell biology etc. Based on our previous findings and our internationally published data, major ongoing research projects of the department are aimed to explore cancer biology (molecular signatures) with following major objectives:

- Identification of novel mutations / polymorphisms in Indian patient population
- Geographic variation in aetiological factors, genetic profile and proteomics / glycoproteomics profile between patients within India
- Identification of newer drug targets and drug discovery to develop saliva omics approach as Non-Invasive tool for early detection of oral cancer, Role of cancer biology to help cancer screening programmes at molecular level which is the need of the day in India.

Clinical Services: More than 200 clinical investigations are done using advanced diagnostics and molecular techniques such as: Real Time PCR, Immunohistochemistry, Flow Cytometry, HLA Typing, Conventional Cytogenetics, FISH, Multi-color FISH, etc.

In September 2022, fully automated Next Generation Sequencing (NGS) platform was installed in this department. It is a Genexus™ Integrated Sequencer, that automates the specimen-to-report workflow and can deliver results in a single day. This platform is CE-IVD Marked NGS Instrument for use in Clinical Labs.

All diagnostics tests of 5 laboratories of the department has received NABL Accreditation for diagnostic testing.

Educational Activities: The department runs Post - Graduate Degree Courses such as M.Sc. (Cancer Biology) and Ph. D. (Life Science) in affiliation with Gujarat University. Training / Lectures to DM Students/Faculties of Oncopathology department.



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LI. IMMUNOHEMATOLOGY LAB

Professor and Head of Cancer Biology: Dr Hemangini Vora

Junior Scientific Officer: Dr Kruti Rajvik

Research Assistants: Dr Birva Raiya, Dr Nupur Patel



Clinical Activities: The laboratory is well equipped with three Ventana Benchmark XT and two Benchmark Ultra automated stainer for immunohistochemistry work and FACS Canto 10 colour flow cytometer for leukemia / lymphoma immunophenotyping. Evaluation of immunohistochemical markers for differential histopathological diagnosis and predictive markers such as ER, PR and Her - 2 - neu have been carried out. Immunophenotyping of leukemia / lymphoma has also been performed along with PNH and CD34 evaluation.

Details of Work Done	Number of Tests	Number of Patients
Immunohistochemistry		
Immunohistochemistry Markers	40761	6042
Estrogen and Progesterone receptors (ER / PR)	3085	1477
Her-2-neu	1477	1477
Total	45323	8996
Flowcytometry		
Immunophenotyping	13661	1184
CD 34 percentage	100	50

Details of Work Done	Number of Tests	Number of Patients
PNH	640	128
MRD in B - ALL	1680	108
Total	16081	1470
Research Work		
Immunohistochemical Markers (Dissertation work of DM Oncopathology & MSc Cancer Biology)	434	217
Markers by Flowcytometry	110	55

Academic Activities: The division is involved in teaching of MSc Cancer Biology and PhD students. The division enrolls MSc, MDS and MD students as observers.

Research Activities: The lab is involved in translational cancer research and seeks to accelerate the application of discoveries in the laboratory to clinical practice. It is based on identification of cellular and molecular changes that occur during pathogenesis of the cancer and during cancer progression which cause therapeutic resistance. The current research focus on detection of Mismatch repair



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deficiency in endometrial and colon cancer by immunohistochemistry. Further, PDL1 expression studied by immunohistochemistry for their prognostic and therapeutic significance in different malignancy including TNBC, Lung cancer and Oral cancer. Furthermore, the laboratory assesses the detection of minimal residual disease (MRD) in acute leukemia patients using flow cytometry.

Major Achievements: The lab received **Vibha Mehta Runner - up Trophy** for research publications for the year 2023.

Ms Bhoomi Vaniya, Junior Research Fellow, received Dr. T. B. Patel Gold Medal for oral paper presentation during Hospital Day Celebration on April 6, 2024.

Workshop Participation Organised by GBRC: Dr Kruti Rajvik and Dr Birva Raiya conducted workshop for Animal Cell Culture and Flowcytometry jointly organized by Gujarat Biotechnology Research Centre, Gandhinagar and GCRI as part of KAUSHALYA (Knowledge Advancement Using Skill on High end Applied Life technology for Aspirants).

L2. MOLECULAR DIAGNOSTICS AND RESEARCH LAB - I

Assistant Professor & In-charge: Dr Trupti Trivedi

Junior Research Assistant: Ms Mittal Mistry



Clinical Services: Diagnostic test of Oncomine Precision Assay (DNA + RNA) for Solid tumors by Next Generation Sequencing (Genexus™ Integrated Sequencer), IDH1/2 mutations, IDH1 R132H mutation and MGMT Promoter Methylation by Real Time PCR for glioma patients.

Details of Work Done	Number of Tests
Clinical Work	
IDH1 / 2 mutations by Real Time PCR	17
IDH1 R132H mutation by Real Time PCR	11

Details of Work Done	Number of Tests
MGMT Promoter Methylation	11
Oncomine Precision Assay Test by Next Generation Sequencing	126
Research Work	
NPR3 gene expression - Medulloblastoma	33
Notch - 1, 2, 3, and 4 gene expression - Medulloblastoma	145
DLL 1, 3 and 4 gene expression - Medulloblastoma	281



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Details of Work Done	Number of Tests
IL - 6 gene expression - GBM patients	31
GAPDH Gene Expression - Autophagy Patients	131
mTOR Gene Expression - Autophagy Patients	80
ULK1 Gene Expression - Autophagy Patients	80
BECLIN1 Gene Expression - Autophagy Patients	80

Academic Activities: The laboratory is involved in various academic activities including CME / Conference presentations, and weekly seminars conducted by the department. Theoretical and practical demonstration of molecular biology techniques for M.Sc. Cancer Biology

students, dissertation students, and observers from various Universities.

Research Activities: The research focus is based on study of various Autophagy regulating genes like mTOR, ULK1, BECLIN1 and their pathways, STAT - EGFR - IL signaling, and Notch signaling pathway for patients with CNS tumors including gliomas, neuroblastoma, medulloblastoma.

Major Achievement: Lab Received **Vibha Mehta Rotating Trophy for Maximum Publications** for the year 2023, during Hospital Week Celebration on April 06, 2024

Ms Nidhi Mandaliya, Junior Research Fellow, received Dr. T. B. Patel Bronze Medal for oral paper presentation during Hospital Week Celebration on April 06, 2024.

L3. MOLECULAR DIAGNOSTICS AND RESEARCH LAB - II

Senior Scientific Officer & In-charge: Dr Jayendra Patel

Research Assistants: Dr Toral Mandalia, Dr Kinjal Gajjar



Clinical Services: Quantitative / Qualitative analysis of major and minor BCR - ABL fusion genes, PML - RARA Fusion gene, JAK - 2 V617F mutation, FLT - 3 mutation and c - kit are performed by Real-Time Polymerase Chain Reaction. Oncomine Myeloid Assay Gx V2 (DNA + RNA)

for detection of relevant DNA mutations and fusion transcripts associated with myeloid disorders and HLA - typing of A, B, C, DRB1, DQB1 and DPB1 genes are performed by Next Generation Sequencing.



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Details of Work Done	Number of Tests
Diagnostic Work	
Major and minor BCR - ABL Fusion Genes	2981
PML - RARA Fusion Gene	121
JAK - 2 V617F Mutation	96
HLA Typing by NGS	18
Oncomine Myeloid Assay Gx V2 by NGS	44
FLT3 (ITD / D835) Mutation	216
C - KIT D816 Mutation	96
HLA Typing Tests - PCR - SSCP	206
HPV-16 and HPV-18 Genotyping	07
Total	3785
Research Work	
Real time PCR for Research work	850

Academic Activities: The laboratory participates in various academic activities of the institute. They comprise of seminars of the department, enrollment of M.Sc Dissertation students, hands-on training to students, etc. The laboratory is actively involved in M.Sc. Cancer Biology course. Theoretical and practical demonstration of various molecular biology and biomedical techniques are carried out for the students who come as observers from various universities / institutes and DM Oncopathologists of our institute for their Course-work.

Research Activities: The laboratory is actively involved in studying tobacco carcinogenesis and other molecular

mechanisms of tobacco related cancers, mainly oral cancer. Research in other solid malignancies such as oropharyngeal cancer, involves detection of HPV infection prevalence and its association with p16 expression in West Indian population. Research focus also involves study of KRAS, BRAF, PTEN, PIK3CA, ERCC1, IGF - 1R and p53 expression and elucidate the potential value of these markers at diagnosis and prognosis in epithelial ovarian cancer patients. Research in colorectal cancer involves study of mRNA expression profiling of tumor DNA mismatch repair genes (hMLH1, hMSH2, hMSH6, and PMS2) and inflammatory cytokines (TNF α , IL - 6 and IL - 1 β) as well as MLH1 gene promoter methylation status. In hematological malignancies, study of clinical significance of JAK2 V617F mutation and its validation by droplet digital PCR method for myeloproliferative disease is ongoing. Another research includes estimation of normalized copy numbers (NCN) of the major BCR-ABL transcripts and comparison with the respective normalized copy number on the international scale (IS - NCN) values and their impact on prognosis of CML patients. Moreover, comparative analysis of PCR / RFLP and Real time PCR techniques to detect FLT3 ITD and TKD (D835) mutations in AML patients has been undertaken. Further, research on Next generation sequencing (NGS) based human leukocyte antigen (HLA) typing testing would provide a broad - coverage and ultra - high - resolution to detect match between patients and donors for bone marrow transplantation. Genetic and molecular biomarkers associated with prognosis and treatment response in AML are identified by Oncomine Myeloid assay on next generation sequencer. This would aid in developing treatment stratification algorithm integrating NGS findings with clinical parameters for personalized therapy selection in AML patients. Moreover, mutation profile in BCR-ABL1 negative myeloproliferative neoplasm is also analyzed using next generation sequencing.

L4. MOLECULAR DIAGNOSTICS AND RESEARCH LAB - III

Senior Scientific Officer & In-charge: Dr Franky Shah

Research Assistant: Dr Apexa Pandit

Junior Research Assistant: Dr Jigna Joshi



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Clinical Services: Lab is actively involved in molecular diagnostic testing of (i) EGFR exon mutation analysis and (ii) Oncomine-BRCA Assay Gx (DNA) by germline / somatic from clinical samples.

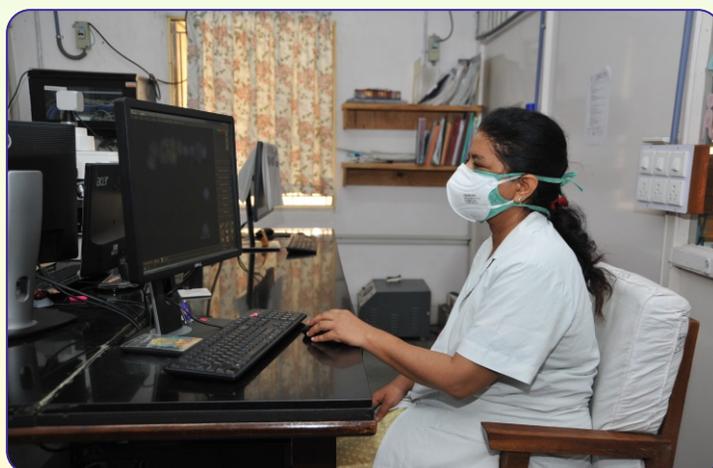
Details of Work Done	Number of Patients
EGFR Exon study	202
Oncomine-BRCA Assay (BRCA1/BRCA2)	125

Academic Activities: Lab staff is involved in teaching of M.Sc. in Cancer Biology course started from 2013. Theoretical and practical demonstration of various molecular biology and tissue culture-based techniques to the observers coming from various universities.

Major Achievement: Lab Received **Vibha Mehta Rotating Trophy** for maximum publications for the year 2023, during Hospital Week Celebration on April 06, 2024

L5. CYTOGENETIC LABORATORY

Senior Scientific Officer and In-Charge: Dr Pina Trivedi
Research Assistant: Dr Dharmesh Patel





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Clinical Services: Cytogenetics Lab is equipped with the state of art set up for clinical cytogenetics and NABL accreditation for cytogenetics tests. The lab is equipped with Metafer, Automatic Metaphase and Interphase Scanning, and Capturing System for Karyotyping and FISH (Fluorescence In Situ Hybridization) assays. It has a fully motorized epi-fluorescence microscope (Imager.Z2) from Zeiss, Germany with special filter sets for FISH and multicolor FISH (M- FISH). It has IKAROS software for Karyotyping and ISIS software for FISH from Metasystems, Germany. The system also has facility of automatic spot counting for FISH analysis for hematological malignancies and solid tumor using Metacyte software. It has 7 review stations. For FISH automation, hybridization and, denaturation chamber (Thermobrite, Vysis, USA) helps in rapid and consistent FISH assays.

Details of the Work Done	Number
Conventional Cytogenetic study of leukemia from bone marrow / peripheral blood	1295
FISH Tests for following genetic rearrangements:	
Translocation 9;22	763
Translocation 8;21	258
Translocation 15;17	123
Translocation 16; 16 / inversion 16	272
Rearrangements of 5q	69
Rearrangements of 7q	71
Copy number of X & / or Y	71
11q MLL	251
Translocation 12; 21	219
Solid Tumor FISH	
Her-2 Neu FISH	155
Total	3547

Academic Activities: Lab staff is involved in teaching of M.Sc. Cancer Biology. The lab enrolled post-graduate students from various universities for observer ship and conduct training of DM Onco-Pathology, and MDS students.

Research Activities: The main research thrust of the laboratory is chromosome analysis of leukemia patients. Chromosomal anomalies are documented at diagnosis and during later stages of the disease, which aids in prognostication and clinical research. Metaphase chromosomes are obtained following short-term cultures of peripheral blood lymphocytes and bone marrow. The novel chromosomal anomalies as per the leukemia subtypes are contributed to existing pool of databases of chromosomal aberrations in leukemia by publishing in national and international journals. Karyotype analysis by GTG banded metaphases is substantiated by locus specific and / or whole chromosome FISH in leukemia and solid tumor for increased sensitivity of chromosome anomaly detection. Currently, laboratory is involved in identification of chromosomal abnormalities in Ewing Sarcoma, Lymphoma and Oligodendroglioma.

Workshop Paricipation Organised by GBRC: Dr. Pina Trivedi and Dr. Dharmesh Patel delivered lecture in workshop for Animal cell culture and Flowcytometry jointly organized by Gujarat Biotechnology Research Centre, Gandhinagar and GCRI as part of KAUSHALYA (Knowledge Advancement Using Skill on High end Applied Life technology for Aspirants).



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M. EDUCATIONAL ACTIVITIES

The Institute is engaged in various types of educational and training programmes, like (M1) Activities of the Scientific Review Committee & Ethics Committee, (M2) Clinical and Research Meetings, (M3) Complementary Training Programme to Formal

Education, (M4) Formal Educational Courses, (M5) GCS Research Journal, (M6) Hospital Day Celebration, (M7) Professional Training to Doctors and Scientists, (M8) Professional Training to Paramedics, and (M9) Staff Training-Intramural and Extramural.

(M1) ACTIVITIES OF THE SCIENTIFIC REVIEW COMMITTEE & ETHICS COMMITTEE



The Scientific Review Committee (SRC) functions throughout the year to promote, facilitate and maintain the basic and applied research in the field of cancer under the chairmanship of Dr Shashank Pandya, Director. All the research activities are scrutinised, approved and monitored by the SRC and also by the Ethics Committee, both of which met regularly every three months or earlier, if needed. At the SRC meeting, scientific details and other routine issues are discussed. During the meeting, in presence of invited experts, all the new proposals are discussed and are approved with budgetary recommendations. The office bearers of SRC also met in the year several times as and when required. As a part of the SRC, last year, 4 scientific meetings (June 19, 2023,

September 18, 2023, December 04, 2023, and March 12, 2024) were held in Hybrid mode.

Last year, 4 Ethics Committee Meetings (June 24, 2023, October 07, 2023, December 09, 2023 and March 23, 2024) were held at GCRI under the Chairmanship of Hon'ble Justice Shri Bankim Mehta, Vice-chairman, Shri Milanbhai Patel, Member-Secretary, Clinician, Dr Pariseema Dave and Alternate Member Secretary, Scientific Member, Dr Hemangini Vora. During these meetings, invited members Shri Kshitish Madanmohan Shah, Dr R. K. Dikshit, Dr Amar Vyas, Dr Sonia Parikh, Dr Vishal Mishra, Mrs Ila Vora, Dr Nuri Kalita and Dr Trupti Trivedi were remained present.



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(M2) CLINICAL AND RESEARCH MEETINGS

Regular bimonthly Clinical and Research meetings are arranged at C-Wing, New Building, GCRI. Dr Franky Shah, Senior Scientific Officer and Dr Sonal Patel Shah, Professor are the coordinators of this activity.

During the year, number of clinical and research subjects were discussed. Total 16 presentations were discussed during the Clinical and Research Meetings from April 2023 to March 2024.

(M3) COMPLEMENTARY TRAINING PROGRAMME TO FORMAL EDUCATION

GCRI allows its infrastructural facilities and educative talent to be used by other educational Institutions to give professional training to their students, who come for observership, fellowship, project work,

dissertation work, PhD work, apprenticeship, etc. Last year, total 185 students from 140 institutions had taken benefit of learning and training facilities and opportunity provided by us.

(M4) FORMAL EDUCATIONAL COURSES

The institute is affiliated to the BJ Medical College and Gujarat University, Ahmedabad, for subspecialty teaching in the subjects of Medical Oncology, Oncopathology, Gynaecological Oncology and Surgical Oncology (DM and MCh courses) as well as postgraduate teaching in subjects like Microbiology, Radiodiagnosis,

Anaesthesiology and Radiation Oncology (MD, DCP, DMRE, DA courses). The Institute is also recognized for MSc in Cancer Biology, MSc in Medical Physics and PhD (Life Sciences) degree courses affiliated to Gujarat University.

(M5) GCS RESEARCH JOURNAL

GCS Research Journal, a compilation of academic and research work of Research Laboratories and Clinical Departments of the Gujarat Cancer & Research Institute,

regularly published by Gujarat Cancer Society. Dr Pariseema Dave, Dr Abhijeet Salunke and Dr Toral Mandalia are the editors of the Journal.





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(M6) HOSPITAL WEEK CELEBRATION

The Hospital Week celebrated from April 01-06, 2024 with a festive and jubilant mood. **Shri Pankajbhai R. Patel**, Executive Chairman of GCRI was the Chief Guest at Hospital Day Function on April 06, 2024.

The main events included scientific awards, oration awards, elocution competition, mehndi competition, rangoli competition and various cultural activities by the staff members of GCRI.

Dr T. B. Patel Oration Award conferred to **Dr Sushama Bhatnagar**, Chief, Dr. B. R. A. Institute Rotary Cancer Hospital, Professor and Head, Department of Onco-Anaesthesia, Pain and Palliative Care, All India Institute of Medical Sciences, New Delhi.

Shri Ramniklal J. Kinarivala Cancer Research Award conferred to **Dr Varsha Gandhi**, Professor, Department of Experimental Therapeutics, Division of Cancer Medicine, The University of Texas, M D Anderson Cancer Center, Huston, Texas, USA.

Shri Madanmohan Ramanlal GCRI Luminary Oration Award conferred to **Dr Kiran Kothari**, Former Deputy Director, Former Professor of Surgical Oncology, GCRI.

Dr Shilin N. Shukla Medical Oncology Oration Award conferred to **Dr Chirag Desai**, Medical Oncologist, Founder Director, Hemato-Oncology Clinic Vedanta, Ahmedabad.



Shri Pankajbhai R. Patel, Executive Chairman, Inaugrated Hospital Week Function



Hospital Day Function, April 6, 2024



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Dr T. B. Patel Oration awarded to Dr Sushama Bhatnagar, All India Institute of Medical Sciences, New Delhi



Shri Ramniklal J. Kinarivala Cancer Research Award Conferred to Dr Varsha Gandhi, M D Anderson Cancer Center, USA



Shri Madanmohan Ramanlal GCRI Luminary Award conferred to Dr Kiran Kothari, Former Deputy Director, Former Professor of Surgical Oncology, GCRI



Dr Shilin N. Shukla Medical Oncology Oration Award conferred to Dr Chirag Desai, Founder Director, Hemato-Oncology Clinic Vedanta, Ahmedabad.





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Vimla Agrawal Rotating Trophy for Clinical Departments

Trophy for maximum Publications	Department
Rotating Trophy	Community Oncology
Runner-up Trophy	Gynaecological Oncology



Community Oncology
Vimla Agrawal Rotating Trophy



Gynaecological Oncology
Vimla Agrawal Runner up Trophy

Vibha Mehta Rotating Trophy for Cancer Biology Department

Trophy for maximum Publications	Laboratory
Rotating Trophy	Molecular Diagnostics & Research Lab-1 Molecular Diagnostics & Research Lab-3
Runner-up Trophy	Immunohematology Lab



Molecular Diagnostics & Research Lab-1 &
Molecular Diagnostics & Research Lab-3
Vibha Mehta Rotating Trophy



Immunohematology Lab
Vibha Mehta Runner up Trophy



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Dr T. B. Patel Young Scientists Medals

Name of Winner	Department	Medal
Clinical Department		
Dr Dipesh Dave	Palliative Medicine	Gold
Dr Abhilash Vasanth	Gynaecological Oncology	Silver
Dr Kaustubh Barade	Gynaecological Oncology	Bronze
Cancer Biology Department		
Ms Bhoomi Vaniya	Immunohematology Lab	Gold
Ms Disha Jethva	Molecular Diagnostics & Research Lab II	Silver
Ms Nidhi Mandaliya	Molecular Diagnostics & Research Lab I	Bronze



Gold Medal - Palliative Medicine Department



Gold Medal - Immunohematology Lab



Silver Medal - Gynaecological Oncology Department



Silver Medal - Molecular Diagnostics & Research Lab-II



Bronze Medal - Gynaecological Oncology Department



Bronze Medal - Molecular Diagnostics & Research Lab-I



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(M7) PROFESSIONAL TRAINING TO DOCTORS AND SCIENTISTS (CONFERENCES, WORKSHOPS)

No	Conference / Training / CME	Organizers	Date
1	31 st International Conference of Indian Association of Palliative Care - IAPCON 2024	Dr Priti Sanghavi Palliative Medicine Department - GCRI	Feb 9-11, 2024
2	Pre-conference workshop on Palliative Care Physiotherapy for cancer patients at IAPCON 2024	Dr Manali Shah Physiotherapy Department - GCRI	Feb 8, 2024
3	Compression Only Life Support (COLS-CPR) activity for nonmedical persons of Gujarat	Anaesthesiology Department - GCRI	April 2, June 11, Dec 3 and 17, 2023
4	Continuing Medical Education (CME) in Radiology	Dr Hitesh Rajpura Jointly organized by Radiology Department, GCRI & Radiology Department, Civil Hospital, Ahmedabad	April 2, 2023
5	One Day Symposium on Hepatocellular Carcinoma	Dr Rajan Yadav, Medical and Paediatric Oncology, GCRI	May 28, 2023
6	Workshop for Animal cell culture and Flowcytometry part of KAUSHALYA (Knowledge Advancement Using Skill on High end Applied Life technology for Aspirants)	Dr Kruti Rajvik and Dr Birva Raiya Jointly organized by Immunohaematology Lab, Cancer Biology Department, GCRI and Gujarat Biotechnology Research Centre, Gandhinagar	June 13 - 16, 2023
7	4 th ONCO-ORTHCON (1 st Ahmedabad Orthopaedic Oncology Course)	Dr Abhijeet Salunke, Surgical Oncology, GCRI	June 24 - 25, 2023
8	11 th ABSICON (Annual Congress of the Association of Breast Surgeons of India)	Organized by Dr Mohit Sharma and Dr Ketul Puj, Surgical Oncology, GCRI in collaboration with HCG Hospital	July 28 - 30, 2023
9	CME-Evolving treatment landscape of Diffuse Large B-Cell Lymphoma	Dr Harsha Panchal, Medical and Paediatric Oncology, GCRI	October 20, 2023
10	CME-Training program on Intra venous iron	Dr Harsha Panchal, Medical and Paediatric Oncology, GCRI	November 01, 2023

(M8) PROFESSIONAL TRAINING TO PARAMEDICS (TECHNOLOGICAL COURSE)

Medical laboratory technology is one of the most important professions that provide allied healthcare. The Technicians are skilled health professionals who perform test that aid in the diagnosis and treatment of diseases. As vital member of the health care team, they assist physician during diagnosis and treatment of patients. The main objective of the course is to train technologists and help them to get ample opportunities in a variety of laboratory setting. As there is a healthy demand of well qualified medical laboratory technologists, they can get placements in hospitals and laboratory settings, public health

facilities, industrial laboratory and in colleges.

Post Graduate Diploma in Medical Laboratory Technology (PGDMLT) course is a one year training course conducted at Oncopathology Department, GCRI. Dr Priti Trivedi is a Professor & Head of Oncopathology Department and Dr Beena Brahmabhatt, Associate Professor, Oncopathology is the Coordinator of the course. All the doctors of the Pathology, Microbiology and Blood Bank are involved in the teaching activities. All junior and senior technologists are involved in the practical training of the students. It is one year full time



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course. BSc Microbiology, Biochemistry and Chemistry students are eligible for the course. Total 47 students were selected for this course on the basis of final year marks of BSc results. PGDMLT course training is divided into two parts: Theory and Practicals. Last year, total 80 lectures were taken by the teaching staff doctors to cover the subjects. So far practicals are concerned, each student has two months rotation in each subspecialty like Blood Bank, Haematology, Biochemistry, Microbiology (clinical microbiology and immunology), Cytology and Histology. Each student has to work with a technologist on each table in the course of each single rotation where they are given adequate technical knowledge. Students are also expected

to complete all the practicals and prepare a journal which at the end of the rotation must be signed by a senior doctor. They have to submit feedback form which includes their work efficiency, sincerity and regularity. This form is filled up by technologist and in-charge doctor at end of each rotation. There are two types of assessment of the students, day to day assessment and regular assessment at the end of the year in form of theory and practical examination. All the teaching activities, such as course exam schedules and other course related activities are monitored by the course coordinator and, the coordinator then reports all the activities to Head of the department, regularly.

(M9) STAFF TRAINING - INTRAMURAL AND EXTRAMURAL

No.	Name	Designation	Division / Department	Subject of Training	Date and Place
1	Dr Nita Gosai	Professor & Head	Anaesthesiology	CPR Awareness Programme from National Board of Examinations Medical Sciences, Government of India	6 Dec 2023, GCRI, Ahmedabad
2	Dr Rekha Solanki	Associate Professor			
3	Dr Rekha Solanki	Associate Professor	Anaesthesiology	Regional Cadaveric & USG guided Workshop	2 July 2023, GCSMCH & RC, Ahmedabad
4	Dr Vidhi Solanki	Assistant Professor			
5	Dr Rekha Solanki	Associate Professor	Anaesthesiology	Structured Training Faculty Course on Flexible Endoscopic Intubation, Training for Teachers	25 Feb 2024 Narayani Hospital, Ahmedabad
6	Dr Sheetal Baranda	Assistant Professor			
7	Dr Kinjal Mistry	Assistant Professor			
8	Dr Drishti Dave	Assistant Professor			
9	Dr Rekha Solanki	Associate Professor	Anaesthesiology	Comprehensive Cardiac Life Support Provider (Advanced CPR)	19-20 Aug 2023, GCSMCH & RC, Ahmedabad
10	Dr Kinjal Mistry	Assistant Professor	Anaesthesiology	ACLS/BLS Provider Course	26 Dec 2023 haivam Chest Clinic, Thaltej, Ahmedabad
11	Dr Dhara Kakadiya	Assistant Professor			



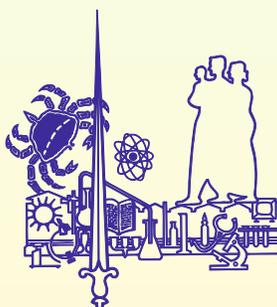
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No.	Name	Designation	Division / Department	Subject of Training	Date and Place
12	Dr Dhvani Soni	Assistant Professor	Anaesthesiology	ACLS/BLS Provider Course	9 June 2023, Pramukh Swami Medical College, Karamsad
13	Dr Dhvani Soni	Assistant Professor	Anaesthesiology	Critical Care Ultrasound Workshop	23 July 2023, Pramukh Swami Medical College, Karamsad
14	Dr Vidhi Solanki	Assistant Professor	Anaesthesiology	Labour Analgesia Workshop	22 Sept 2023, BJMC, Ahmedabad
15	Jasvant, Dipal, Asif, Selina, Rahul, Bhavna, Mayur	Clerks, Technicians & Nurses	Community Oncology Center (COC) staff and Hospice Nurses	Prevention of Sexual Harassment-POSH	28-29 Nov 2023, GCSMCH&RC Ahmedabad
16	Ms Vaishakhi Soni	Data Entry Operator	Community Oncology & Medical Records	Training Workshop for Hospital Based Cancer Registry Staff	30 Nov to 1 Dec 2023, Bengaluru
17	Ms Hiralben Devda	Data Entry Operator			
18	Dr Bhanuprasad Kotadia	Research Scientist (Medical)	Community Oncology & Medical Records	Training Workshop for Population Based Cancer Registry Staff	22 & 23 Feb 2024, Bengaluru
19	Ms Prachi Kaloliya	Biostatistician			
21	Dr Pariseema Dave	Professor & Head of Unit and Head of Department	Gynecological Oncology	Good Clinical Practice, NDCT (New drugs and clinical trial)	23 March 2024, GCRI, Ahmedabad
22	Dr Bijal Patel	Professor & Head of Unit			
23	Dr Chetana Parekh	Professor			
24	Dr Purav Patel	Professor & Head	Microbiology	NABL ISO 15189-2022	8-II Feb 2024, Red Cross Society, Ahmedabad
25	Dr Kruti Rajvik	Jr. Scientific Officer	Cancer Biology		
26	Dr Trupti Trivedi	Assistant Professor			
27	Dr Jayendra Patel	Sr. Scientific Officer			
20	Dr Pina Trivedi	Sr. Scientific Officer			
28	Dr Beena Brahmabhatt	Associate Professor	Oncopathology		
29	Dr Jyoti Sawhney	Assistant Professor			
30	Dr Ashini Shah	Assistant Professor			
31	Dr Jahnvi Gandhi	Assistant Professor			
32	Dr Satrupa Samanta	Assistant Professor			



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No.	Name	Designation	Division / Department	Subject of Training	Date and Place
33	Ms Rachana Shah	Quality Manager	Oncopathology	NABL ISO 15189-2022	8-11 Feb 2024, Red Cross Society, Ahmedabad
34	Mrs Falguni Acharya	Biochemist			
35	Mrs Trupti Panchal	Senior Technician			
36	Mrs Janki Patel	Senior Technician			
37	Mrs Uma Chauhan	Senior Technician			
38	Mrs Falguni Patwa	Senior Technician			
39	Mrs Nasrin Sheikh	Senior Technician			
40	Dr Ravi Umrana	Assistant Professor	Palliative Medicine	Good Clinical Practice	23 March 2024, GCRI, Ahmedabad
41	Dr Ajinkya Pawar	Resident	Surgical Oncology	International Society for Study of Pleura and Peritoneum-ISSPP certified PIPAC training course and workshop- National Cancer Centre, Singapore	10-12 July, 2023
42				Peritoneal Malignancy	11 Sept to 3 Oct, 2023
43				Peritoneal Surface Malignancy and GI Oncosurgery-Lyon Sud hospital France	12 Feb to 13 March, 2024
44				Workshop on Advanced Management of CRS and HIPEC, Hanover, Germany	14-16 March 2024





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N. LION BHARAT KSHATRIYA COMMUNITY ONCOLOGY CENTRE, VASNA

Chief Executive Officer: Dr Geeta Joshi

Public Relation Officer: Mrs Darshana Butala

Visiting Physician: Dr Darshan Parikh, Dr Mustufa Rangwala, Dr Venil Shah

Visiting Radiologist: Dr Parag Sheth

Visiting Nephrologist: Dr Rutul Dave, Dr Ravi Bhadania

Visiting Medical Oncologist: Dr Akash Patel, Dr Bhavesh Parekh

Visiting Gynaecologist: Dr Suman Patel, Dr Shuchi Shah

Physiotherapist: Dr Meera Davda



Clinical Services:

- Health Checkup: Each health checkup plans includes basic screening tests for common cancers. It is aimed at early detection of cancer.
- OPD Consultation: A special consultation services of Physician, Gynaecologist, Paediatrician, Cancer Surgeon, Medical Oncologist and Palliative Care Physician has started since March 01, 2021.
- Physiotherapy Centre: We have well equipped Physiotherapy Centre for patients needing rehabilitation following trauma, injury or surgery.
- We have started Chemotherapy services at COC from April 07, 2022. Patients are given chemotherapy following consultation by visiting Medical Oncologists.
- We have upgraded our USG machine for doing ECHO. We have started 2D ECHO services at COC from August 01, 2022. Health Checkup Visitors and Chemotherapy patients will be benefited with these services.
- Nephrology OPD has been started every Friday morning from 9 am to 11 am. Dr Hitesh Desai is visiting Nephrologist, who attends dialysis patients as well.

- Special Rooms for Hospice facility –Hospice services are upgraded with provision of 4 special rooms with ultramodern facility. The aim is to provide more comfort to patients & family.
- Home Care Services: The Home Care services are provided by a Nursing Staff, Social Worker and Doctor to home bound cancer patients
- Dialysis Services: We have five beds for Dialysis of CKD patients. We have Ayushman Bharat PMJAY approval to serve PMJAY beneficiaries.

Details of Work Done	Number
Health Check Up Visitors	3670
Hospice Admission	362
Physiotherapy attendees	1566
Dialysis Patients (Total Dialysis)	529
Home Visits by COC staff	47
Exhibition Visitors	6248



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Academic Activities: AB HWC – Elderly & Palliative Care MNS Training was organized between 13/09/23 and 11/10/23 at State Health and Family Institute, Vadodara Hospital. During the training the trainees were given information about palliative care. Following other students and faculties from various institutes took training at COC, Vasna

Institute	Students / Faculty	Date of Training
Department of Space Design, Anant National University	6	
Bhaikaka University Karamsad	6 students & 2 faculty	12/7/2023
All India Institute of Local Self – Government	200 students	18/04/23 to 21/04/23
General Duty Assistant Training - The course is supported by Sadvichar Parivar & Vagh Bakri Foundation	19 01	15/11/22 to 05/12/22 20/07/23 to 20/09/23
Manguben Ishwarlal Patel and Latikaben Vithalbhai Patel Institute from of Social Work (MIPLVP) Gandhinagar	03 MSW students	1/7/2023 to 14/8/2023

Research Activities: Dr Dipesh Dave, Jr Resident, Department of Palliative Medicine, GCRI, conducted a study on 'Impact of Palliative Care Interventions on Attitude, Knowledge & Practice regarding nursing care issues in caregivers Head & Neck Cancer Patients at Hospice'.

Major Achievement: Dr Geeta Joshi, CEO, was Scientific Committee Chair for International Conference of NAPCAIM at Kochi in October 2023.

Conference Organized: Dr Geeta Joshi, CEO, Palliative Care Physician was Organising Chairperson of 31st International Conference of Indian Association of Palliative Care, organised by The Department of Palliative Medicine, GCRI, on February 9-11 2024.

Public Services:

- **World No Tobacco Day - 31 May 2023**

The program was organized by The Gujarat Cancer Society, Community Oncology Centre. In which Amitbhai Shah, MLA, Ellise Bridge, and Mehul Shah, Corporator, Vasna, participated. The posters were made by students of nursing colleges. A play was presented by the students. Prizes were given to the students who got the first three numbers among the poster making students.

- **World Environment Day - 05 June 2023**

A tree plantation program was held at the Community Oncology Centre. Tree plantation was done by Mr Amitbhai Shah, Mr Himanshu Wala and Sonalben Thakor. Tree plantation was done by Shri Kaushik Patel, Dr Geeta Joshi and COC staff members. Hospice patients and their relatives also planted trees.

- **International Yoga Day 21 June 2023**

We arrange first time 'International Yoga Day' at Community Oncology center. All staff members of Community Oncology Center were involved in this programme and enjoying this session. Various yogas were taught by Rashmika Rajput, Yoga Trainer.

- **Cancer Awareness Talk**

Lecture on 'Common Cancer in Women' was delivered on April 16, April 29, May 3, and June 4, 2023 by Dr Geeta Joshi, CEO, COC. Attendees were Agakhan Group Members.

- **Friendship Day - 6 August 2023**

Friends of 'Spread happiness spread smile Group' are celebrating Friendship Day in a unique way since last 8 years. On Friendship Day, these friends distributed essential items to terminally ill cancer fighters at Community Oncology Center in Vasna and tried to ease their pain by spending time with them.

- **Independence Day - 15 August 2023**

76th Independence Day was celebrated at Community Oncology Centre. The event was organized as a joint initiative of Creative Group of Cultural Activities and Community Oncology Centre. Tree plantation was



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done at the end of the program. Mathematical games of Dr Vikram Sarabhai Community Centre were played by school children. Gifts were given to school children.

- **Raxabandhan Celebration – 30 August 2023**

On the occasion of Raksha-Bandhan, patients admitted to the hospice were tied with rakhis by the nursing staff and sweets were distributed. Raksha Bandhan was also celebrated by the relatives of the patients.

- **World Hospice & Palliative Care Day – 14 October 2023**

World Hospice & Palliative Care Day was Organized by Community Oncology Centre, Vasna. Nursing Students of Parul University, Vadodara participated in the program. Beautiful pictures were drawn by the students on the theme of palliative care on this day. A training program on “How to take care of patients in Hospice” was held at Community Oncology Centre, Vasna.

- **Kite Festival – 06 January 2024**

Patang Mohotsav is organized by Gujarat Cancer Society every year in the month of January. Kite festival is celebrated with children suffering from cancer. Children spread awareness about cancer in the society by flying kites. At the end of the program, arrangements were made to give chikki and breakfast to the children.

- **Cancer Day - 3 February 2023**

This drawing competition was organized by Gujarat Cancer Society at Community Oncology Center Vasana. Cancer Awareness Play, Cancer Poster Exhibition and Cancer Debate were organized by Navkar Institute of Nursing. At the end of the competition, prizes were given to the students. All participating children were given consolation prizes.

- **Laughter Yoga – 12 February 2024**

We arranged ‘Laughter yoga’ program for Third time at Community Oncology Center. All members of B.K. Parikh Foundation were involved in this program and enjoyed this session. Hospice patients & Parkinson’s Patients, Caregivers and Staff at Hospital were taught various Laughter Yoga by Archana Rao.

- **Free Health Checkup Camp**

Ahmedabad Menopause Society with IMS CSR committee has conducted a free health checkup camp of Women in Midlife & Menopausal Women on April 23, 2023 at Community Oncology Centre, Vasna, Ahmedabad with Shri Sanjay Sai Seva Sangathan. Along with general health check-up, BP, weight measurements, PS, PV, pap test, mammography, assessment of bone health, hemoglobin and TSH were done. Around 50 women are benefitted from Camp. Free Blood Sugar Testing was done for all.





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O. OUTREACH ACTIVITIES

Cancer Screening Camps: 91 Camps 76 Places

Lions Club, Narol, Ahmedabad (02/04/2023); CHC Sayla, Surendranagar (09/04/2023); Jotana, Mehsana (16/04/2023, 20/06/2023); Sadvichar Parivar, Satellite, Ahmedabad (21/04/2023); GIDC Ankleshwar, Bharuch (23/04/2023); Old Civil Hospital, Rajpipla, Narmada (26/04/2023); Unjha, Mehsana (29/04/2023); Nandeshri, Vadodara (29/04/2023); Palitana, Bhavnagar (30/04/2023); Shree Ambaji Temple, Banaskantha (30/04/2023); GIDC Sanand, Ahmedabad (06/05/2023); Triquench India Private Limited (07/05/2023); ECHS Hospital, Ahmedabad (10/05/2023); Kadi, Mehsana (13/05/2023); SMVS Swaminarayan Mandir, Himmatnagar (14/05/2023); Arjun Clinic, Tana, Sihor (21/05/2023); S.J. Patel Hospital, Paliyad, Gandhinagar (27/05/2023); Jaga Swami Bhavan Near SMVS, Himmatnagar (28/05/2023); Jyoti Mahila Mandal, Gandhinagar (04/06/2023); Jilla Panchayat, Becharaji, Mehsana (06/06/2023); Kadva Patidar Samaj, Badoli, Idar, Sabarkantha (11/06/2023); Chanakyapuri, Ahmedabad (25/06/2023); Dholka, Ahmedabad (27/06/2023); Air force, Vadsar (28/06/2023); Satlasna, Mehsana (01/07/2023); Alang, Bhavnagar (01/07/2023); General Hospital, Gozariya, Mehsana (02/07/2023); Vasai, Vijapur, Mehsana (10/07/2023); Adajan, Muktanagar, Surat (15/07/2023, 16/07/2023); Prantij, Sabarkantha (23/07/2023); Badoli, Idar, Sabarkantha (30/07/2023); Vikramnagar Dispensary Space Applications Centre (ISRO), Ambawadi, Ahmedabad (03/08/2023, 04/08/2023, 09/08/2023, 10/08/2023, 23/08/2023, 24/08/2023, 27/09/2023); Sarvoday Vidhalaya, Ambasan, Mehsana (06/08/2023); Dindyal Town Hall, Mehsana (07/08/2023); Sindhu Hospital, Kurnagar, Ahmedabad (13/08/2023); Kathlal, Kheda (20/08/2023); Hathab PHC, Bhavnagar (26/08/2023); Shree Swaminarayan Gurukul, Nikol, Ahmedabad (01/09/2023); Bhogat PHC, Soda Ash Plant, Kuranga, Devbhumi Dwarka (03/09/2023); Ashirwad Eye Hospital, Dahegam (10/09/2023); Vishram Gruh, Bhiloda,

Sabarkantha (17/09/2023); APMC, Visnagar, Mehsana (22/09/2023); CHC, Kukarwada, Mehsana (24/09/2023); Amit Superstall Mall, Godawn, Mehsana (01/10/2023); Catholic Church Hall, Gandhinagar (08/10/2023); Ramsikampa Bayad, Arvalli (15/10/2023); Shree Swaminarayan Mandir, Varachha, Surat (22/10/2023, 05/11/2023, 24/12/2023); Old Market Yard, Khedbrahma, Sabarkantha (29/10/2023); Air Force, Chiloda, Gandhinagar (02/11/2023); Tirupati Natural Park, Basna, Visnagar, Mehsana (05/11/2023); Delvada, Mansa, Gandhinagar (16/11/2023); Vardan Women's Hospital, Kalol, Gandhinagar (19/11/2023); Khushboo Senior Citizen Charitable Trust, Bopal, Ahmedabad (25/11/2023); PT Virani Hospital, Godhra (26/11/2023); GMERS General Hospital, Himmatnagar (03/12/2023); Sir Pratap High School, Idar (10/12/2023); Civil Hospital, Unjha, Mehsana (17/12/2023); Arts & Commerce Collage, Tharad, Banaskantha (25/12/2023); GMERS Medical College and Hospital, Vadnagar, Mehsana (31/12/2023); Shree Swaminarayan Mandir Sector 2 Gandhinagar (6/1/2024); Umiya Parivar Vadi, Girl's Hostel, Himatnagar (7/1/2024); C.J. High School, Vadali, Sabarkantha (21/1/2024); Bhandu PHC, Visnagar, Mehsana (4/2/2024); Pritampura, Ahmedabad (7/2/2024); Sadhu Vaswani High School, Sardarnagar, Ahmedabad (11/2/2024); Amit Superstore Mall Godawn, Mehsana (11/2/2024); Urban Health Centre, Gomtipur, Ahmedabad (17/2/2024); Patidar Educations & Social Organization, Lunawada (25/2/2024); Shelter House, Shardakunj Society, Himmatnagar (03/03/2024); Wings women's hospital, Bodakdev, Ahmedabad (10/03/2024); Kapadvanj, Kheda (16/03/2024); Lions Club of Ankleshwar (17/03/2024); High Court of Gujarat, Sola, Ahmedabad (21/03/2024, 22/03/2024, 26/03/2024, 27/03/2024, 28/03/2024); Omkareshwar Mandir Parisar, Mahesana (24/03/2024); P.M.P Khodiyar Trust (31/03/2024), Bharat Vikas Parishad, Modasa, Sabarkantha (31/03/2024)



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Cancer Awareness Camps: 21 Camps 18 Places

Jaga Swami Bhavan Near SMVS, Himmatnagar (28/05/2023); Khanpur, Ahmedabad (05/06/2023); Air force, Vadsar (28/06/2023); Vikramnagar Dispensary Space Applications Centre (ISRO), Ambawadi, Ahmedabad (02/08/2023); Amneal Pharmaceuticals Pvt. Ltd. Rajoda, Bavla (12/09/2023); Rajasthan School, Shahibaug, Ahmedabad (15/09/2023); National Forensics Science University, Gandhinagar (20/10/2023); Shree Swaminarayan Mandir, Nikol (01/01/2024, 02/01/2024, 03/01/2024, 04/01/2024); Shrey Nursing College,

Naranpura, Ahmedabad (18/01/2024, 31/01/2024); Karya Nursing College, Khokhara, Ahmedabad (18/01/2024); Trutzschler India Ltd Company, Lambha, Ahmedabad (19/01/2024); Care Nursing Institute, Ahmedabad (19/01/2024); Svyambhu Nursing College, Vastral, Ahmedabad (30/01/2024); Sharda Nursing College, Pethapur (01/02/2024); Khyati College of Nursing, Shilaj (02/02/2024); Vraj Institute Mota Chiloda (03/02/2024); High Court of Gujarat, Sola, Ahmedabad (16/03/2024).

Blood Donation Camps: Places: 31 Camps 36

Shyam Vadi, Canal Road, Thakkarbapanagar, Ahmedabad (01/04/2023); Police Station, Limdi, Surendrnagar (14/04/2023); Blood Bank, C Wing, GCRI, Ahmedabad (14/06/2023); Sangath Farm Nikol Gam, Ahmedabad (30/07/2023); Bhojalram Senior Citizen Mandal, Nikol, Ahmedabad (11/08/2023); Wagad Infraprojects Pvt. Ltd., Rajgar, Mehsana (15/08/2023); Ramlal no Khado, Shahpur Darwaja Bahar, Ahmedabad (20/08/2023); Swaminarayan Gurukul, Nikol, Ahmedabad (03/09/2023); Bharat Party Plot, Amraiwadi, Ahmedabad (17/09/2023); Dr N P Patel General Hospital, Jotana (24/09/2023); Nagaldham Annkshetra, Nana Chiloda, Ahmedabad (28/09/2023); Electric Association Office, Khadiya, Ahmedabad (30/09/2023); Sadhu Vaswani School, Sardarnagar, Ahmedabad (01/10/2023); Godrej Garden City, Jagatpur, Ahmedabad (08/10/2023); Akhand Aanand College, Lal Darwaja, Ahmedabad (30/10/2023); Patel Samaj Vadi, Sanala, Morbi

(18/10/2023); Megh Mani Sanskar Dham, Mandal, Ahmedabad (17/12/2023); Khodaldham Ground, Nikol, Ahmedabad (29/12/2023, 30/12/2023, 01/01/2024, 02/01/2024, 03/01/2024, 04/01/2024, 05/01/2024), Sanskrut Residency, Nikol Gam, Ahmedabad (07/01/2024), Amneal Pharmaceutical, Rajoda, Bavla, Ahmedabad (22/01/2024); Rameswar Park, Thakkarbapanagar, Ahmedabad (26/01/2024); Bijal Business Park, Aslali, Ahmedabad (29/01/2024); Vasant Rajat Chowk, Jamalpur, Ahmedabad (04/02/2024); TATA Aia Unit 202-203, Satyam Platinum Naroda, Ahmedabad (10/02/2024); Shubham Apartment, Maninagar, Ahmedabad (11/02/2024); Navchetan Patidar Vadi, Zanu, Ahmedabad (18/02/2024); Le-Jardin, Law Garden, Ahmedabad (25/02/2024); Raj Enterprise, Botad (03/03/2024); Atul Auto Ltd. Bhayla, Ahmedabad (09/03/2024); Swaminarayan Temple, H L Road, Surat (17/03/2024).





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P. FUNCTIONING OF COMMITTEES

Internal Management Committee

Dr Shashank Pandya	Chairman, Director
Dr Priti Sanghavi	Member, I/c Dy. Director, Professor & Head, Palliative Medicine
Dr Hemangini Vora	Member, Professor & Head, Cancer Biology
Dr Mohit Sharma	Member, Professor & Head, Surgical Oncology
Dr Himanshu Soni	Member, Professor, Radiodiagnosis

Purchase Committee

Shri Kshitish Madanmohan	Chairman, General Secretary, GCS
Dr. Shashank Pandya	Member, Director, GCRI
Shri Chintan Parikh	Member, Vice President, GCS
Shri Deevyesh Radia	Member, Secretary, GCS
Shri Kaushik Patel	Member, Secretary, GCS
Shri Bipin Shah	Member, Treasurer, GCS
Dr. Priti Sanghavi	Member, Deputy Director, GCRI
Dr. Nehal Gadhvi	Member Secretary, Hospital Administrator, GCRI

GCRI Website Committee

Dr Shashank Pandya	Chairman, Director
Dr Priti Sanghavi	Member, I/c Dy. Director, Professor & Head, Palliative Medicine
Dr Dhruvi Desai	Member, RMO Class-I
Mr Samip Dave	Member, Chartered Accountant, Account Section
Mr Navnit Jethava	Member Secretary, Head, IT Section
Dr Hemangini Vora	Member, Professor & Head, Cancer Biology
Dr Purav Patel	Member, Professor & Head, Microbiology
Mr Mahendra Kumpavat	Member, PS to Director, Secretarial Section
Mr Rushi Patel	Member, Chief, Educational Graphics & Medical Photography
Mr Jagdish Gohel	Member, Assistant Librarian



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Library Committee

Dr Shashank Pandya	Chairman, Director, GCRI
Dr Priti Sanghavi	Member, I/c Dy. Director, Professor & Head, Palliative Medicine
Dr Sonia Parikh	Professor & HOU Medical Oncology Unit - III
Dr Nita Gosai	Member, Prof & Head, Anaesthesiology
Dr Pariseema Dave	Member, Prof & Head, Gynaecological Oncology
Dr Hitesh Rajpura	Member, Prof & Head, Radiodiagnosis
Dr Priti Trivedi	Member, Prof & Head, Oncopathology
Dr Ankita Parikh	Member, Prof & Head, Radiation Oncology
Dr Hemangini Vora	Member, Prof & Head, Cancer Biology
Dr Dhruvi Desai	Member, RMO Class - I
Dr Trupti Trivedi	Member, Assistant Professor, Cancer Biology
Dr Nuri Kalita	Member Secretary, Librarian

GCS Research Journal Committee

Dr Shashank Pandya	Chairman, Director, GCRI
Dr Pariseema Dave	Chief Editor, Professor & Head, Gynaecological Oncology
Dr Abhijeet Salunke	Chief Editor, Assistant Professor, Surgical Oncology
Dr Toral Mandalia	Chief Editor, Research Assistant, Cancer Biology
Dr Priti Sanghavi	Member, I/c Dy. Director, Professor & Head, Palliative Medicine
Dr Ankita Parikh	Member, Professor & Head, Radiation Oncology
Dr Nita Gosai	Member, Professor & Head, Anaesthesiology
Dr Hitesh Rajpura	Member, Professor & Head, Radiodiagnosis
Dr Priti Trivedi	Member, Professor & Head, Oncopathology
Dr Hemangini Vora	Member, Professor & Head, Cancer Biology
Dr Harsha Panchal	Member, Professor & Head, Medical Oncology
Dr Mohit Sharma	Member, Professor & Head, Surgical Oncology
Dr Anand Shah	Member, Associate Professor & Head, Community Oncology & Medical Records
Mr Rushi Patel	Chief, Educational Graphics & Medical Photography



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Government Scheme Implementation Committee

Dr Shashank Pandya	Chairman, Director
Dr Anand Shah	Member Secretary, Associate Professor & Head, Community Oncology
Dr Dhruiti Desai	Member, RMO Class - I
Dr Minesh Patel	Member, RMO Class - II
Mr Samip Dave	Member, Chartered Accountant, Account Section
Mr Himanshu Patel	Member, Medical Record Officer, Medical Records Department

ICS Cancer Cure Fund

Dr Shashank Pandya	Chairman, Director
Mr Samip Dave	Member Secretary, Chartered Accountant, Account Section
Dr Apurva Patel	Member, Professor, Medical Oncology
Dr Dhruiti Desai	Member, RMO Class - I
Dr Anand Shah	Member, Associate Professor & Head, Community Oncology
Mr Himanshu Patel	Member, Medical Record Officer, Medical Records Department

Patient Care Evaluation Committee

Dr Shashank Pandya	Chairman, Director
Dr Priti Sanghavi	I/c Dy. Director, Professor & Head, Palliative Medicine
Dr Dhruiti Desai	Member Secretary, RMO Class - I
Mr Divyesh Radia	Member, Secretary, GCS
Ms Mona Darji	Member, Matron, Grade - I
Mr Manisha Katara	Member, Matron, Grade - II

SC / ST Cell

Dr Priti Sanghavi	Chairperson, I/c Dy. Director, Professor & Head, Palliative Medicine
Ms Mona Darji	Member, Deputy Nursing Superintendent
Dr Dhruiti Desai	Member, RMO Class - I
Dr Rekha Solanki	Member, Assistant Professor, Anaesthesiology
Ms Manisha Katara	Member, Matron Grade - II
Mr Dharmesh Rana	Member, Jr. Data Entry Operator



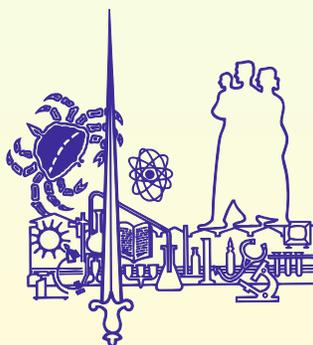
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NABL Accreditation Committee

Dr Shashank Pandya	Chairman, Director
Dr Priti Sanghavi	I/c. Dy. Director, Professor & Head, Palliative Medicine
Dr Priti Trivedi	Member Secretary, Professor & Head, Oncopathology
Dr Biren Parikh	Coordinator, Associate Professor, Oncopathology
Ms Rachana Shah	NABL Coordinator, Biochemist, Oncopathology
Dr Purav Patel	Member, Professor & Head, Microbiology
Dr Hemangini Vora	Member, Professor & Head, Cancer Biology
Dr Trupti Trivedi	Member, Assistant Professor, Cancer Biology
Dr Pina Trivedi	Member, Sr. Scientific Officer, Cancer Biology
Dr Kruti Rajvik	Member, Junior Scientific Officer, Cancer Biology
Dr Nainesh Menat	Member, Assistant Professor, Oncopathology & BTO
Mr Mahesh Ahir	Member, Civil Engineer, Engineering Section
Mr Sanjay Patel	Member, Electrical Engineer, Engineering Section

Hospital Waste Management Committee

Dr Shashank Pandya	Chairman, Director
Dr Purav Patel	Member Secretary, Professor & Head, Microbiology
Ms Mona Darji	Member, Deputy Nursing Superintendent
Ms Leena Bhatt	Member, Sister Incharge
Bio-Medical Waste Supervisor	Member
Mr Jignesh Patni	Member, Sanitary Inspector
Mr Donald Christian	Member, Sanitary Inspector





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Women's Development Cell

Dr Hemangini Vora	Chairperson, Professor & Head, Cancer Biology
Dr Dhruvi Desai	Member Secretary, RMO Class - I
Dr Purav Patel	Joint Secretary, Professor & Head, Microbiology
Dr Nita Gosai	Member, Prof & Head, Anaesthesiology
Dr Franky Shah	Member, Sr. Scientific Officer, Cancer Biology
Dr Sonal Patel Shah	Member, Professor, Radiation Oncology
Dr Beena Brahmhatt	Member, Associate Professor, Oncopathology
Ms Mona Darji	Member, Deputy Nursing Superintendent
Dr Rohini Patel	Member, Medical Officer, Community Oncology
Dr Drasty Rathod	Member, Associate Professor, Radiodiagnosis

Safety Committee

Dr Shashank Pandya	Chairperson, Director
Dr Priti Sanghavi	Co-Chairperson, I/c Dy. Director, Prof & Head, Palliative Medicine
Mr Mayur Visani	Member Secretary, I/c Engineering, Electronic Engineer
Dr Minesh Patel	Member, RMO Class - II, Patient Safety Officer
Dr Nita Gosai	Member, Prof. & Head, Anaesthesiology
Dr Jayendra Patel	Member, Sr. Scientific Officer, Cancer Biology
Mr Mahesh Ahir	Member, Civil Engineer, Engineering Section
Mr Sanjay Patel	Member, Electrical Engineer, Engineering Section
Ms Mona Darji	Member, Deputy Nursing Superintendent
Mr Om Prakash	Member, Nuclear Health Physicist, Nuclear Medicine
Mr Mahendra Kumpavat	Member, PS to Director, Secretarial Section
Mr Arpit Christian	Member, Assistant Staff Brother, Nursing Services



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Anti-Sexual Harassment Committee (Internal Complaints Committee)

Dr Priti Sanghavi	Chairperson, I/c Dy. Director, Professor & Head, Palliative Medicine
Dr Hemangini Vora	Co-Chairperson, Professor & Head, Cancer Biology
Mr Krunal Khatri	Member, Labour Officer, Legal Section
Dr Geeta Joshi	C.E.O., COC Vasna
Dr Himanshu Soni	Member, Professor, Radiodiagnosis
Ms Mona Darji	Member, Deputy Nursing Superintendent
Ms Pratima Desai	Member, NGO, Social Worker (External)

Information Technology Committee

Dr Shashank Pandya	Chairman, Director
Dr Priti Sanghavi	Member, I/c Dy. Director, Professor & Head, Palliative Medicine
Dr Dhruvi Desai	Member, I/c Hospital Administrator, RMO Class - I
Mr Haren Shah	Hon. External IT Advisor (Invitee)
Mr Navnit Jethava	Member Secretary, Head, IT Department
Mr Mayur Visani	Member, Electronic Engineer, Bio-Medical Section
Mr Samip Dave	Member, Chartered Accountant, Account Section
Mr Mahendra Kumpavat	Member, PS to Director, Secretarial Section

Committee to Review - Out Source Services

Dr Dhruvi Desai	Chairperson, RMO Class - I
Dr Minesh Patel	Member, RMO Class - II
Mr Samip Dave	Member, Chartered Accountant, Account Section
Ms Mona Darji	Member, Deputy Nursing Superintendent
Mr Krunal Khatri	Member Secretary, Labour Officer, Legal Section
Ms Aneraben Daranga	Member, Head Clerk, Store Section
Mr Bharat Trivedi	Member, Store Keeper Cum Cashier (In-charge A.O.), HR Section
Ms Manisha Katara	Member, Matron Grade - II



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Hospital Infection Control Committee

Dr Shashank Pandya	Chairperson, Director
Dr Priti Sanghavi	Co-Chairperson, I/C Dy. Director, Professor & Head, Palliative Medicine
Dr Purav Patel	Member Secretary, Professor & Head, ICO, Microbiology
Dr Nehal Gadhavi	Member, Hospital Administrator
Dr Dhruvi Desai	Member, RMO Class - I
Dr Nita Gosai	Member, Professor & Head, Anaesthesiology
Dr Sonia Parikh	Member, Professor, Medical Oncology
Dr Pareesima Dave	Member, Professor & Head, Gynaecological Oncology
Dr Vikas Warikoo	Member, Associate Professor, Surgical Oncology
Ms Mona Darji	Member, Deputy Nursing Superintendent
Ms Aneraben Daranga	Member, Head Clerk, Store Section
Mr Rakesh Patel	Member, Chief Pharmacist
Ms Praisya Rathod	Member, ICN
Ms Nita Makwana	Member, ICN
Mr Mahesh Ahir	Member, Civil Engineer, Engineering Section
Ms Varsha Thakkar	Member, Head Nurse, Operation Theatre
Ms Deena Christian	Member, Head Nurse, CSSD
Mr Donald Christian	Member, Sanitary Inspector
Dr Jahanvi Patel	Member, NABH, Quality Manager

Annual Report Preparation Committee

Dr Shashank Pandya	Director, GCRI
Dr Hemangini Vora	Professor & Head, Cancer Biology
Dr Trupti Trivedi	Assistant Professor, Cancer Biology
Mr Rushi Patel	Chief, Educational Graphics & Medical Photography
Mr Mahendra Kumpavat	PS to Director, Secretarial Section



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Institutional Review Committee for Dissertation / Thesis / Publication/Conference Presentation

Dr Shashank Pandya	Chairman, Director, GCRI
Dr Priti Sanghavi	Co-chairperson, I/c Dy. Director, Professor & Head, Palliative Medicine
Dr Harsha Panchal	Member Secretary, (Clinical - IRC for Dissertation / Thesis & Publications and Conference Presentation), Professor & Head, Medical & Paediatric Oncology
Dr Trupti Trivedi	Member Secretary, IRC for Publications & Conference Presentations Assistant Professor, Cancer Biology
Dr Pina Trivedi	Member Secretary, Research - IRC for Dissertation & Thesis Sr. Scientific Officer, Cancer Biology
Mr Kshitish Madanmohan Shah	Member (NGO representative, Social Worker), General Secretary, Gujarat Cancer Society
Dr Prabhudas Patel	Member, Former Professor & Head, Cancer Biology
Dr Amar Vyas	Member, Department of PSM, BJMC, Ahmedabad
Mrs Ila Vora	Member, Social Worker
Dr Ankita Parikh	Member, Professor & Head, Radiation Oncology
Dr Priti Trivedi	Member, Professor & Head, Oncopathology
Dr Hemangini Vora	Member, Professor & Head, Cancer Biology
Dr Himanshu Soni	Member, Professor, Radiodiagnosis
Dr Purav Patel	Member, Professor & Head, Microbiology

Institutional Committee for Stem Cell Research (IC-SCR)

Dr Kirti Patel	Chairman, Dean, GCSMC
Dr Apruva Patel	Member Secretary, Professor, Medical Oncology
Dr Franky Shah	Assistant Member Secretary
Dr Sandip Shah	Member
Dr Maitrey Gajjar	Member
Dr Haresh Doshi	External Member
Dr Rakesh Rawal	External Member
Mr Kshitish Madanmohan Shah	Member
Dr Amar Vyas	Member
Mrs Ila Vora	Member



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Scientific Review Committee

Dr Shashank Pandya	Chairman, Director, GCRI
Dr Pariseema Dave	Co-chairperson, Dy. Director (Former), Professor & Head, Gynaecological Oncology
Dr Priti Sanghavi	Co-chairperson, I/c Dy. Director, Professor & Head, Palliative Medicine
Dr Sonia Parikh	Assistant Member Secretary, Professor, Medical Oncology Unit III
Dr Hemangini Vora	Assistant Member Secretary, Professor & Head, Cancer Biology
Dr Kirti Patel	Member (External), Director, GCS Medical College, Ahmedabad
Dr Asha Anand	Member (External), Former Professor & Head, Medical Oncology
Dr Prabhudas Patel	Member (External), Former Professor & Head, Cancer Biology
Dr Sunil Trivedi	Member (External), Professor & Senior Scientific and Academic Coordinator Institute of Human Genetic Centre, FRIGE House, Ahmedabad
Dr Rakesh Rawal	Member (External), Professor & Head, Medical Biotechnology, Dean (Academics) Gujarat Biotechnology University, Gandhinagar
Dr Nayan Jain	Member (External), Former Professor & Head, Department of Life Sciences, Gujarat University, Ahmedabad
Dr Chaitanya Joshi	Member (External), Professor & Director, Gujarat Biotechnology Research Centre, Gandhinagar
Dr Snehal Bagatharia	Member (External), Joint Director, R & D, GSBTM, Gandhinagar
Dr Vishal Mishra	Member (External), Basic Medical Scientist (Pharmacologist)
Dr R. K. Dikshit	Member (External), Basic Medical Scientist (Pharmacologist)
Dr Shilpa Patel	Member, Professor & Head, Gynaecological Oncology
Dr Ankita Parikh	Member, Professor & Head, Radiation Oncology
Dr Hitesh Rajpura	Member, Professor & Head, Radiodiagnosis
Dr Priti Trivedi	Member, Professor & Head, Oncopathology
Dr Nita Gosai	Member, Professor & Head, Anaesthesiology
Dr Trupti Trivedi	Member, Assistant Professor, Cancer Biology
Dr Jayendra Patel	Member, Sr. Scientific Officer, Cancer Biology

Anti-Ragging Committee

Dr Priti Sanghavi	Chairperson, I/c Dy. Director, Professor & Head,
Dr Dhruvi Desai	Member, RMO Class - I
Dr Mohit Sharma	Member, Professor & Head, Surgical Oncology



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Ethics Committee

Hon'ble Justice Shri Bankim N. Mehta (Rtd.)	Chairman, Legal Expert (External)
Shri Milan Narayanbhai Patel	Vice Chairman, Legal Expert (External)
Dr Pariseema Dave	Member Secretary, Clinician
Dr Hemangini Vora	Alternate Member Secretary, Scientific Member
Mr Kshitish Madanmohan Shah	Member
Dr R. K. Dikshit	Member, Basic Medical Scientist (Pharmacologist) (External)
Dr Bharat Trivedi	Member, Social Scientist (External)
Dr Sonia Parikh	Member, Clinician
Dr Anand Shah	Member, Clinician
Dr Vishal Mishra	Member, Basic Medical Scientist (Pharmacologist) (External)
Ms Kiran Pandya	Member, Lay person (External)
Mr Narendra D Chauhan	Member, Lay person (External)
Dr Nuri Kalita	Member

Ethics Committee For Compensation (A sub-committee of GCRI / GCS Ethics Committee)

Shri Milanbhai N. Patel	Chairman, Legal Expert
Dr Pariseema Dave	Member, Professor & Head, Gynaecological Oncology
Mr Kshitish Madanmohan Shah	Member

Radiation Safety Committee

Dr Shashank Pandya	Chairperson, Director
Dr Priti Sanghavi	Member, I/C Dy. Director, Professor & Head, Palliative Medicine
Dr Nehal Gadhavi	Hospital Administrator
Dr Hitesh Rajpura	Member, Professor & Head, Radiodiagnosis
Dr Ankita Parikh	Member, Professor & Head, Radiation Oncology
Dr Ritesh Suthar	Member, Assistant Professor & Head, Nuclear Medicine
Dr Nainesh Menat	Member, Assistant Professor, Oncopathology & BTO
Mr Satish Pelgade	Member Secretary, Associate Professor, Medical physics, RSO
Mr Tushar Bopche	Member, Radiophysicist
Mr Om Prakash	Member, Nuclear Health Physicist



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Serious Adverse Event Committee (SAE) (A sub-committee of GCRI / GCS Ethics Committee)

Dr Shashank Pandya	Chairman, Director
Dr Harsha Panchal	Member Secretary, Professor & Head, Medical Oncology
Dr Sonia Parikh	Member, Professor, Medical Oncology
Dr Pariseema Dave	Member, Professor & Head, Gynaecological Oncology
Dr Vishal Mishra	Member, Asst. Professor, B.J. Medical College (Pharmacology)
Dr Bijal Patel	Professor, Gynaecological Oncology
Dr Pariseema Dave	Member Secretary, Clinician
Dr Hemangini Vora	Alternate Member Secretary, Scientific Member
Mr Kshitish Madanmohan Shah	Member
Dr R. K. Dikshit	Member, Basic Medical Scientist (Pharmacologist) (External)
Dr Amar Vyas	Member, Social Scientist (External)
Dr Sonia Parikh	Member, Clinician
Dr Vishal Mishra	Member, Basic Medical Scientist (Pharmacologist) (External)
Mrs Ila Vora	Member, Lay person (External)
Dr Nuri Kalita	Member
Shri Narendra Chauhan	Member, Lay Person (External)
Dr Trupti Trivedi	Scientific Member

Quality Assurance Committee

Dr Shashank Pandya	Chairperson, Director
Dr Priti Sanghavi	Co-Chairperson, I/C Dy. Director, Professor & Head, Palliative Medicine
Dr Jahanvi Patel	Member, NABH Coordinator
Dr Dhruvi Desai	Member, RMO Class - I
Dr Anand Shah	Member, Associate Professor, Community Oncology
Ms Mona Darji	Member, Deputy Nursing Superintendent
Ms Rachana Shah	Member, Quality Assurance Officer - NABL
Ms Praisya Rathod	Member, Infection Control Nurse
Dr Bhadresh Shastri	Member, Clinical Research Assistant
Ms Niyanta Sailor	Member, Research Coordinator



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Blood Transfusion Committee

Dr Shashank Pandya	Chairperson, Director
Dr Priti Sanghavi	Co-Chairperson, I/c Dy. Director, Professor & Head, Palliative Medicine
Dr Nainesh Menat	Member, Assistant Professor, Oncopathology & BTO
Dr Nehal Gadhavi	Hospital Administrator
Dr Priti Trivedi	Member, Professor & Head, Oncopathology
Dr Apurva Patel	Member, Professor, Medical Oncology
Dr Bijal Patel	Member, Professor, Gynaecological Oncology
Dr Vikas Warikoo	Member, Associate Professor, Surgical Oncology
Dr Damini Makwana	Member, Associate Professor, Anaesthesiology
Dr Jahanvi Patel	Member, NABH Coordinator
Ms Mona Darji	Member, Deputy Nursing Superintendent

Pharmacy and Therapeutic Committee

Dr Shashank Pandya	Chairperson, Director
Dr Priti Sanghavi	Co-Chairperson, I/C Dy. Director, Professor & Head, Palliative Medicine
Mr Rakesh Patel	Member Secretary, Chief Pharmacist
Dr Nehal Gadhavi	Member, Hospital Administrator
Dr Pariseema Dave	Member, Professor & Head, Gynecological Oncology
Dr Nita Gosai	Member, Professor & Head, Anaesthesiology
Dr Harsha Panchal	Member, Professor & Head, Medical Oncology
Dr Ruchi Arora	Member, Professor, Gynaecological Oncology
Dr Mohit Sharma	Member, Professor & Head, Surgical Oncology
Dr Purav Patel	Member, Professor & Head, Microbiology
Ms Mona Darji	Member, Deputy Nursing Superintendent
Mr Kalpesh Sathwara	Member, Jr. Pharmacist
Dr Jahanvi Patel	Member, NABH Coordinator
Mrs Nita Makwana	Member, Infection Control Nurse



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Medical Audit Committee

Dr Shashank Pandya	Chairperson, Director
Dr Priti Sanghavi	Co-Chairperson, Member, I/C Dy. Director, Professor & Head, Palliative Medicine
Dr Nehal Gadhavi	Hospital Administrator
Dr Anand Shah	Member Secretary, Associate Professor & Head,
Dr Pariseema Dave	Member, Professor & Head, Gynaecological Oncology
Dr Nita Gosai	Member Secretary, Professor & Head, Anaesthesiology
Dr Ankita Parikh	Member, Professor & Head, Radiation Oncology
Dr Harsha Panchal	Member, Professor & Head, Medical Oncology
Dr Vikas Warikoo	Member, Associate Professor, Surgical Oncology
Dr Bijal Patel	Member, Professor, Gynaecological Oncology
Dr Leena Patel	Member, Associate Professor, Anaesthesiology
Dr Rajan Yadav	Member, Adhoc Assistant Professor, Medical Oncology
Dr Abhesinh Rathod	Member, Chief HAM
Mr Himanshu Patel	Member, Medical Record Officer
Dr Jahanvi Patel	Member, NABH Coordinator
Mr Jagdish Parmar	Member, Junior Pharmacist
Mr Rahul Priyadarshi	Member, Junior Pharmacist

Grievance Redressal Committee (GCRI Employee)

Dr Priti Sanghavi	Chairperson, I/C Dy. Director, Professor & Head, Palliative Medicine
Mr Krunal Khatri	Member Secretary, Labour Officer
Mrs Manisha Katara	Member, Matron Grade - II
Ms Rachana Shah	Member, NABL Coordinator
Mr Vasudev Thakar	Member, Independent Member (Advocate)

Grievance Redressal Committee (GCRI Students)

Dr Shashank Pandya	Chairperson, Director
Dr Priti Sanghavi	Member, I/c Dy. Director, Professor & Head of Palliative Medicine
Dr Sonia Parikh	Member, Professor, Medical Oncology
Dr Mohit Sharma	Member, Professor & Head, Surgical Oncology
Dr Nikhil Modi	Member, Full time Neuro Surgeon, DNB Coordinator
Dr Rahul Agarwal	Member, Mch Student, Representative of DNB, FNB & other students
Dr Jayesh Sachade	Member, Dean, B. J. Medical College, Professor & Head of Plastic Surgery, External Medical Expert



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Q. RESEARCH ACTIVITIES

Q1. CONFERENCE PRESENTATION - INTERNATIONAL APRIL 2023 - MARCH 2024

Sr. No.	Name of Speaker	Title of Presentation	Name of Conference	Date & Place
Gynaecological Oncology				
1	Dr Ashika Padival	The role of neoadjuvant chemotherapy in clinically advanced endometrial cancer patients-A retrospective study-Poster	25 th European Society of Gynaecological Oncology-ESGO 2024	7-11 March 2024, Barcelona, Spain
Radiation Oncology				
2	Dr Siddharth Malukar	Re-irradiation in head & neck cancers: Real world experience from a tertiary cancer institute	International Congress on Innovative Approaches in Head & Neck Oncology- ICHNO-2024	21-23 March 2024, Barcelona, Spain

CONFERENCE PRESENTATION - NATIONAL APRIL 2023 - MARCH 2024

Sr. No.	Name of Speaker	Title of Presentation	Name of Conference	Date & Place
Anaesthesiology				
1	Dr Rekha Solanki	Airway anaesthesia-Invited Speaker	Indian Society of Anaesthesiologists-ISACON 2023	14-15 Oct 2023, Rajasthan
2	Dr Dinkalkumar Patel	Perioperative anaesthetic management in extra-pleural pneumonectomy and hyperthermic intrathoracic chemotherapy in malignant pleural mesothelioma-Oral		
3	Dr Dinkalkumar Patel	Perioperative management of EPP HITHOC in malignant pleural mesothelioma-Oral		
Community Oncology Centre, COC, Vasna				
4	Dr Geeta Joshi	Principles of Integration of Palliative Care-Invited Speaker	2 nd International Conference of National Association of Palliative Care for AYUSH and Integrative Medicine-NAPCAIM	5-7 Oct 2023, Kochi
5		Why integration is important?-Invited Speaker	Integrative Medicine In Palliative Oncology IMPALONCON 2023	16-17 Dec 2023, Mumbai



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Sr. No.	Name of Speaker	Title of Presentation	Name of Conference	Date & Place
Gynaecological Oncology				
6	Dr Pariseema Dave	Preventive Oncology Workshop- Vulva and Vagina-Invited Speaker	30 th National Conference of Gynaecological Oncologists of India-AGOICON-2023	25 Nov 2023, Bhubaneswar
7		Clear cell carcinoma of ovary and endometrium: A critical appraisal- Invited Speaker	30 th National Conference of Gynaecological Oncologists of India-AGOICON-2023	25 Nov 2023, Bhubaneswar
8		Ca endometrium-Panelist	Fortis Cancer Summit-2024	27-28 Jan 2024, Bangalore
9	Dr Ashika Padival	Aggressive angiomyxoma-A disease with vengeance-Poster	12 th Annual Conference of Asia- Oceania Research Organization in Genital Infection and Neoplasia- AOGIN India-2023	15-17 Sep 2023, AIIMS, Rishikesh
10		A study of the clinical outcomes of deep vein thrombosis among cervical cancer patients in a tertiary care hospital-Poster		
11	Dr Shiva Gautam	Clinicopathological correlation of serum human epididymis protein 4(HE4) in carcinoma cervix-Poster		
12	Dr Vishakha Tyagi	The role of percutaneous nephrostomy in cervical cancer patients presenting with obstructive uropathy: An institutional experience-Poster		
13	Dr Swetha D	Rare case reports of sarcomatoid carcinoma of cervix-Poster		
14	Dr Swetha D	Non-squamous vulvar malignancies-Experience from state cancer centre-Poster		
15	Dr Shiva Gautam	Reproductive outcomes after fertility sparing surgery in malignant ovarian germ cell tumors-Poster	Association of Gynaecologic Oncologists of India-AGOICON 2023	25-26 Nov 2023 Bhubaneswar, Odisha
Medical and Paediatric Oncology				
16	Dr Arya Pradhan	Treatment outcome of patients of hairy cell leukemia treated with Cladribine for the last five years- Oral	47 th Annual Conference Mumbai Haematology Group (MHG) and Essence of American Society of Haematology ASH-2023	26-28 Jan 2024, Mumbai



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Sr. No.	Name of Speaker	Title of Presentation	Name of Conference	Date & Place
17	Dr Ankita Patel	Metastatic primary malignant peripheral nerve sheath tumor of the breast: A rare case report-Poster	3 rd Indian Cancer Congress-ICC	2-5 Nov 2023, Mumbai
18		TPF (5-Fluorouracil, Cisplatin, Docetaxel) Vs double agent as neoadjuvant chemotherapy for unresectable locally advanced squamous cell carcinoma of head and neck-Oral		
19	Dr Ramesh Rathore	Clinical profile and outcomes of primary testicular lymphoma: Single center experience at GCRI-Poster	6 th Hematology Update 2024	11 Feb 2024, AIIMS, Jodhpur
20	Dr Rahul Pathade	Anaplastic large cell lymphoma - A single center experience from Western India-Poster		
21	Dr Ramesh Rathore	Clinical profile and treatment outcomes of Burkitt lymphoma in adult patients : A single center experience from Western India-Oral	47 th Annual conference Mumbai Haematology Group (MHG) and Essence of American Society of Haematology-ASH 2024	27 Jan 2024, Mumbai
Oncopathology				
22	Dr Shailee Mehta	Two cases presentation on (1) Histiocytic sarcoma of larynx & Secretory carcinoma with high grade transformation-Speaker	Head & Neck Workshop at 71st Annual Conference of Indian Association of Pathologist-APCON 2023	6 Dec 2023, New Delhi
23	Dr Shashank Mishra	Diagnostic utility of high fluorescence cells in detecting malignant effusions-Oral	Hybrid Haematology Symposium-HDMI- CUBE-2023	23 Sept 2023, Bengaluru
24	Dr Sabrish Krishnan	Cytomorphological study of sacral lesions with histopathological correlation-Five years of experience in a tertiary care institute-Oral	53 rd Annual Conference of the Indian Academy of Cytologist-CYTOCON 2023	27 Oct 2023, Gwalior
25	Dr T Rama Devi	Unusual case presentation of chronic myeloid leukaemia-Diagnostic and therapeutic challenge-Oral	17 th International Conference on Malignant Lymphoma-ICML-Essence of EHA 2023	29 Sept-1 Oct 2023, Mumbai



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Sr. No.	Name of Speaker	Title of Presentation	Name of Conference	Date & Place
26	Dr T Rama Devi	Blastoid variant of mantle cell lymphoma: A diagnostic dilemma-Poster	15 th The Cytometry Society of India- Annual Conference & Flowcytometry Workshopw-2023	26-29 Oct 2023, New Delhi
27		Histiocytic sarcoma of larynx-A diagnostic dilemma-Poster	71 st Annual Conference of IAPM and IAP-ID- 2023	6-10 Dec 2023, New Delhi
Radiation Oncology				
28	Dr Setu Shah	SIRS-A prognostic indicator in carcinoma of cervix cases-Oral	10 th Annual Young Radiation Oncologists Conference-YROC 2024	19-21 Jan 2024, Jodhpur, Rajasthan
29	Dr Bansi Kotadiya	Epidemiology and survival outcomes of paediatric patients with brainstem glioma- An institutional experience-Oral		
30	Dr Raxit Darji	Dosimetric analysis in MRI based intra-cavitary brachytherapy in patients of carcinoma cervix-An initial institutional experience - Oral		
31	Dr Laya Pillai	Survival analysis of medulloblastoma patients treated by post-operative cranio-spinal irradiation: A retrospective study- Oral		
32	Dr Jayesh Gamit	Clinical outcome and toxicity evaluation in patient of carcinoma cervix treated with interstitial brachytherapy-A Retrospective institutional observational study- Oral		
Radiodiagnosis				
33	Dr Harsh Shandilya	Percutaneous CT-guided needle biopsy (PCNB) of lung masses with imaging features and histological correlation-Oral	Society of Chest Imaging and Interventions-SCII-CON 2023	3 Dec 2023, Mumbai
34		A rare case report on pancreatic metastasis from primary metastatic small cell carcinoma of lung-Poster		
35	Dr Akshay Makwana	Role of percutaneous CT-guided needle biopsy (PCNB) in differentiating primary Vs metastatic mediastinal mass-Oral		



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Sr. No.	Name of Speaker	Title of Presentation	Name of Conference	Date & Place
Surgical Oncology				
36	Dr Mukesh V M	Oral carcinoma cuniculatum a variant of squamous cell carcinoma-E poster	Head and Neck Cancer Summit	16-18 Feb 2024, Chennai
37	Dr Varun M	Primary Ewing's sarcoma of maxilla: A rare case report-E poster		
38	Dr Poojitha Yalla	Tracheal resection: A concise step wise detailed approach to a lower tracheal tumor-Video presentation	3 rd Indian Cancer Congress-ICC	2-5 Nov 2023, Mumbai
39	Dr Arpit Bandi	Comparative study of Axillary Lymph Node Dissection (ALND) vs Axillary Radiotherapy (ART) in early breast cancer patients with positive sentinel lymph node biopsy-Oral		
40	Dr Anish Chowdhary	Clinicopathologic features of metaplastic breast carcinoma: Experience from a cancer research centre in India-E poster		
41	Dr Gautami Joshi	A short survey of breast cancer awareness in women working in a cancer institute: Does working with cancer patients increase awareness?- E poster		
42	Dr Vaisakh Mohan	Sentinel lymph node biopsy-Survey from tertiary cancer hospital-E poster		

CONFERENCE PRESENTATION - STATE APRIL 2023 - MARCH 2024

Sr. No.	Name of Speaker	Title of Presentation	Name of Conference	Date & Place
Anaesthesiology				
1	Dr Rekha Solanki	Perioperative anaesthetic management for pelvic and sacral tumors-Speaker	4 th Onco-Orthocon-2023	24 June 2023, Ahmedabad
2	Dr Shivratn Modi	Anaesthetic management of child with mediastinal spindle cell tumors-E poster		



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Sr. No.	Name of Speaker	Title of Presentation	Name of Conference	Date & Place		
3	Dr Priyanka Shah	Anaesthetic management of anterior mediastinal mass-E poster	4 th Onco-Orthocon-2023	24 June 2023, Ahmedabad		
4	Dr Anjal Vasava	Anaesthetic management of case with uncorrected truncus arteriosus type I and severe pulmonary hypertension undergoing craniotomy for multiple intracranial SOL-E poster				
5	Dr Riddhi Gandhi	One lung ventilation with E-Z bronchial blocker in patients undergoing video assisted thoracoscopy guided thoracic surgery: Clinical application and experience: A report of three case series-E poster				
6	Dr Urvi Bhakharia	Anaesthetic management of tracheal tumor resection and reconstruction-E poster				
7	Dr Hiteshvari Patel	Anaesthetic management of intraoperative pneumothorax following laproscopic adnexal mass excision and left lung metastectomy-E-poster				
8		A comparative study of Nalbuphine hydrochloride and fentanyl citrate for post-operative analgesia in short surgical procedures-Oral			8 th Webinar on Multidisciplinary CME Geriatric Medicine	24 Sept 2023, Ahmedabad
9	Dr Viral Makwana	Evaluation of the preemptive analgesic effects of ketamine hydrochloride versus magnesium sulphate in patients undergoing elective abdominal surgeries-E poster				
10	Dr A Jai Kishore	Morphine sulphate versus fentanyl citrate for attenuation of hemodynamic stress response to direct laryngoscopy and endotracheal intubation-Oral				
11	Dr Pinalkumari Chaudhari	Anaesthetic management of tracheal tumor resection and reconstruction-E poster				



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Sr. No.	Name of Speaker	Title of Presentation	Name of Conference	Date & Place
12	Dr Twinkal Chaudhari	Continuous epidural infusion of large concentration with small volume versus small concentration with large volume of Levobupivacaine for post-operative analgesia-Poster	Adrenaline Medical Conference-AMCON-2023	2-5 June 2023, Ahmedabad
Gynaecological Oncology				
13	Dr Pariseema Dave	Cancers in midlife focus on gynaecological malignancies-Moderator-Panel Discussion	Indian Menopausal Society-FOGSI West-Zone V.P. Conference-LOGYCON 2023	4-6 Aug 2023, AMA, Ahmedabad
14	Dr Bijal Patel	Cervical Cancer: Prevention, early diagnosis and treatment-Speaker	Cancer-Breast & Cervical Awareness	16 March 2024, Gujarat High Court Ahmedabad
Medical and Paediatric Oncology				
15	Dr Harsha Panchal	Give her comfortable life with breast cancer-Invited Speaker	31 st International Conference of Indian Association of Palliative Care	9 Feb 2024, Ahmedabad
16	Dr Arya Pradhan	A case report on primary osteosarcoma of breast-Poster	II th Annual Conference of Association of Breast Surgeons-ABSICON 2023	28-30 July 2023, Ahmedabad
17	Dr Aastha Shah	Primary diaphysial osteosarcoma in an elderly female-A case report and review of literature-Poster	Orthopedic Oncosurgery Conference-Onco-Orthocon-2023	24-25 June 2023, Ahmedabad
18	Dr Goutham Sunny	Chondroblastic osteosarcoma presenting with solitary lung metastasis 10 years after treatment for primary-Poster		
19	Dr Praloy Basu	Primary bone diffuse large b-cell lymphoma- A case report and review of literature-Poster		
Microbiology				
20	Dr Hardik Chaudhari	Retrospective analysis of quality indicators in microbiology and infectious disease serology laboratory-Oral	Gujarat Association of Pathology & Microbiology-GAPM 2023	17 Dec 2023, Vadodara
21	Dr Vipul Parmar	One-year study on performance indicators healthcare-associated infections in regional cancer centre-Oral		



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Sr. No.	Name of Speaker	Title of Presentation	Name of Conference	Date & Place
Molecular Diagnostic & Research Laboratory II				
22	Ms Disha Jethva	Harmonizing hope: Music therapy in cancer pain and palliative care-Poster	31st International Conference of India Association of Palliative Care-IAPC	9-11 Feb 2024, GCRI Ahmedabad
Oncopathology				
23	Dr Priti Trivedi	Molecular pathology in head & neck cancer: Clinician perspective-Speaker	Head & Neck Conference-Zycon 2024	24 Feb 2024, Ahmedabad
24		Interesting two case Presentation-Speaker	National CME on Neuropathology-Neuropathology Society of India	2-3 Feb 2024, GCRI, Ahmedabad
25		Journey of diagnostic past to present-Speaker	Pre CME Workshop on Next Generation Sequencing-(NGS)	
26	Dr Ashini Shah	Interesting two cases presentation-Speaker	National CME on Neuropathology-Neuropathology Society of India	
27	Dr Prerna Walia	Mucoepidermoid carcinoma of breast: A case presentation of a rare salivary gland type tumor in breast-Poster	CME on Challenging Biopsies with Immunohistochemistry	12 Aug 2023, Ahmedabad
28	Dr Prajitha P.	Disseminated angioimmunoblastic T cell lymphoma-A case report-Poster		
29	Dr Pooja Phalak	Cytological parameters that help in predicting the outcome of atypical glandular cells on Papanicolaou smears: A single-institutional experience-Oral		
30	Dr Kumar S.	A needle in a haystack: Primary breast lymphoma-Poster		
31	Dr Shweta Gandha	Clear cell odontogenic carcinoma-Poster		
Palliative Medicine				
32	Dr Lekha Raval	Interventional procedures in palliative medicine-Pleurodesis-Speaker	31 st International Conference of Indian Association of Palliative Care-IAPCON 2024	9-11 Feb 2024, GCRI
33		Identifying the need of palliative care in the patients visiting emergency department at the state cancer care center-Speaker		



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Sr.	Name of Speaker	Title of Presentation	Name of Conference	Date & Place
34	Dr Varun Yadav	Interventional procedures in palliative medicine-pleural and peritoneal catheter-Speaker	31 st International Conference of Indian Association of Palliative Care-IAPCON 2024	9-11 Feb 2024, GCRI
35		Impact of early palliative care in patients having brain tumor-Oral		
36	Dr Nitin Pandey	Assessment of nutritional status in cancer patients using patient generated subjective global assessment form-Oral		
37	Dr Savan Kukadia	Utilisation of celiac plexus neurolysis for severe abdominal pain due to malignancy-Oral		
38	Dr Akshay Tabiyar	Patient reported outcome measures after therapeutic paracentesis in patients having malignant ascites-Oral		
39		High stoma output management in ileostomy patient with metastatic malignant phylloid tumor. A case study-Poster		
40	Dr Anju PV	Prevalence of anxiety among advanced cancer patient attending palliative outpatient department in a tertiary care hospital-Oral		
41	Dr Vasundhara Sharma	Assessment of symptom burden in paediatric patients having advanced primary bone tumor and impact of palliative treatment on it-Poster		
42	Dr Vrinda Satija	Usefulness of steroid therapy in patients having malignant bowel obstruction-Poster		
Physiotherapy				
43	Dr Manali Shah	Breast cancer related lymphedema-Speaker	11 th Annual Conference – The Association of Breast Surgeons of India-ABSICON-2023	28-30 July 2023, Ahmedabad
44		Lymphedema management-Speaker	31 st International Conference of Indian Association of Palliative Care-IAPCON 2024	9-11 Feb 2024, GCRI
Radiodiagnosis				
45	Dr Ishan Maitreya	A case report of Ewing sarcoma involving right maxillary sinus-Poster	Annual State Conference- Gujarat Chapter- Indian Radiological & Imaging Association-IRIA 2023	24 Dec 2023, Ahmedabad



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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. <i>Journal of Clinical and Diagnostic Research</i> . 2023; 17(5): 18-22.
2	Rekha Solanki, Jayshree Thakkar: Awake self-proning for COVID-19 non-intubated patients-A single-centered experience. <i>Ain-Shams Journal of Anaesthesiology</i> . 2023; 15: 87.
3	Suman Fefar, Rekha Solanki, Jayshree Thakkar, Shivratn Modi, Hiteshvari Patel, Arunkumar Kethavath, Yarric Vashi: Comparison of Nalbuphine hydrochloride and Fentanyl citrate for total intravenous anaesthesia in short surgical procedures: A randomised control study. <i>Journal of Clinical and Diagnostic Research</i> . 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. <i>International Journal of Pharmaceutical and Clinical Research</i> . 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. <i>International Journal of Medical Science and Innovative Research</i> . 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. <i>International Journal of Medical Science and Advanced Clinical Research</i> . 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. <i>International Journal of Medical Science and Advanced Clinical Research</i> . 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. <i>International Journal of Medical Science and Advanced Clinical Research</i> . 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. <i>The Lancet Regional Health-Southeast Asia</i> . 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 II population based cancer registries under National Cancer Registry Programme. <i>The Lancet Regional Health-Southeast Asia</i> . 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. <i>Human Vaccine & Immunotherapeutics</i> . 2023; 19(3): 2289242.
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Cytogenetics

13	Pina Trivedi, Dharmesh Patel, Mahnaz Kazi, Priya Varma: Cytogenetic heterogeneity in chronic lymphocytic leukemia. <i>Journal of Association of the Genetic Technologist</i> . 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. <i>Journal of Clinical Reviews and Case Reports</i> . 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. <i>Journal of Clinical & Medical Images Case Reports</i> . 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. <i>Medical & Clinical Case Reports</i> . 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. <i>Gujarat Cancer Society Research Journal</i> . 2023; 25 (1): 13-15.
18	Faraz Vali, Pariseema Dave, Bijal Patel: Case of dysgerminoma with partial deletion of X chromosome. <i>Gujarat Cancer Society Research Journal</i> . 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. <i>International Journal of Reproduction, Contraception, Obstetrics and Gynaecology</i> . 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. <i>International Journal of Gynaecological Cancer</i> . 2023; 1-2.
21	Priyanka Vemanamandhi, Ruchi Arora, Shilpa Patel, Chetna Parekh: Amebic cervicitis: A rare cervical cancer mimic. <i>Indian Journal of Gynaecologic Oncology</i> . 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. <i>Indian Journal of Medical and Paediatric Oncology</i> . 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. <i>Indian Journal of Gynaecologic Oncology</i> . 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. <i>Journal of Gynaecologic Oncology</i> . 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. <i>Advance Cancer Biological Metastasis</i> . 2023; 9: 100-109.
26	Hemangini Vora, Misba Gavali, Nupur Patel: A study of COL2A1 expression in triple-negative breast cancer patients. <i>Global Journal of Clinical Medicine and Medical Research</i> . 2023; 1(4): 1-5.
27	Bhoomi Vaniya, Nupur Patel, Hemangini Vora: A study of MMP7 expression in triple negative breast cancer patients. <i>International Association of Biological and Computational Digest</i> . 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. <i>Asian Hematology Research Journal</i> . 2023; 6(4): 277-285.
29	Khushbu Patel, Kruti Rajvik, Hemangini Vora: A study of Stat-6 expression in triple negative breast cancer patients. <i>Cancer Therapy and Oncology</i> . 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. <i>International Journal of Scientific Research</i> . 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. <i>International Journal of Scientific Research</i> . 2023; 12(4): 49-50.
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Molecular Diagnostics & Research Lab-I

33	Dhruva Trivedi, Trupti Trivedi: Brain tumor autophagy: A new breakthrough in cancer research. <i>Journal of Cancer Research and Cellular Therapeutics</i> . 2023; 7(2): 1-5.
34	Dhruva Trivedi, Trupti Trivedi: Autophagy intervened by microRNAs causes gliomas. <i>Journal of Neuro and Oncology Research</i> . 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. <i>Basic and Clinical Cancer Research</i> . 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. <i>International Journal of Innovative Science and Research Technology</i> . 2023; 8(7): 2469-2479.
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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. <i>Molecular Biology Reports</i> . 2023; 50(6): 5105-5115.
38	Hitarth Patel, Jigna Joshi, Franky Shah: A clinicopathological exploration of hedgehog signaling: Implications in oral carcinogenesis. <i>Journal of Cancer Research & Clinical Oncology</i> . 2023; 149(18): 16525-16535.
39	Jigna Joshi, Apexa Pandit, Franky Shah: Nicotine mediated epithelial modulations: An <i>In-vitro</i> evidence. <i>Journal of Oral Biology & Craniofacial Research</i> . 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. <i>Book Chapter-Hematology Pearls</i> . 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 Brahmabhatt, 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?' <i>Journal of Gynecological Oncology</i> . 2023; 21(16): 1-5.
57	Anurag Saha, Sneha Kakoty, Kazoomi Patel, Varnika Rai, Jyoti Sawhney, Nainesh Menat: An assessment of the three popular prognostic scoring system for chronic myelomonocytic leukemia in an Indian context. <i>Indian Journal of Medical and Paediatric Oncology</i> . 2023; 44(4): 422-427.
58	Paheli Maru, Beena Brahmhatt, Sangita Vanik, Sneha Kakoty: Tertiary care center experience: An overview of primary mediastinal lymphomas. <i>Indian Journal of Pathology and Microbiology</i> . 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. <i>International Journal of Oncological Nursing and Practices</i> . 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. <i>Indian Journal of Palliative Care</i> . 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. <i>Journal of Cancer Research and Therapeutics</i> . 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. <i>Clinical Oncology</i> , 2024; 38(3): 202-208.
64	Vinay Shivhare, Satyajeet Rath, Heena Rathod, Niranjana Dash, Ankita Parikh, U Suryanarayana: Analyzing the impact of close margins and extra-resection margins on failure rates in postoperative oral cavity cancers. <i>Clinical Oncology</i> . 2023; 37(6): 467-472.
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. <i>Indian Journal of Surgical Oncology</i> . 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; <i>Indian Journal of Otolaryngology & Head Neck Surgery</i> . 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. <i>Indian Journal of Thoracic and Cardiovascular Surgery</i> . 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. <i>Operative Techniques in Otolaryngology-Head & Neck Surgery</i> . 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. <i>Indian Journal of Thoracic and Cardiovascular Surgery</i> . 2024; 50-57.



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Q3. ONGOING INTRAMURAL AND EXTRAMURAL RESEARCH PROJECTS APRIL 2023-MARCH 2024

No.	Name of PI	Project Title	Funded by
Community Oncology & Medical Records			
1	Dr Shashank Pandya	Rural cancer registry-Ahmedabad District	National Centre for Disease Informatics and Research, ICMR, Bengaluru
2	Dr Shashank Pandya	Population based cancer registry-Ahmedabad urban agglomeration area	National Centre for Disease Informatics and Research, ICMR, Bengaluru
3	Dr Shashank Pandya	Hospital Based Cancer Registry (HBCRs) and patterns of care and survival studies on cancer breast, cancer cervix and head and neck cancers	National Centre for Disease Informatics and Research, ICMR, Bengaluru
4	Dr Bijal Patel Dr Anand Shah	Implementation plan for extended follow-up of the participants of IARC-Indian HPV vaccination study to evaluate the effectiveness of one, two and three doses of quadrivalent HPV vaccine in preventing cervical neoplasias	International Agency for Research on Cancer, Lyon, France
Collaborative Projects-Cancer Biology and Oncopathology Departments			
5	Dr Jahnvi Gandhi Dr Kruti Rajvik	Detection of ALKI, ROS-1, PDL1 using immunohistochemistry in non-small cell carcinoma of lung	GCS/GCRI
6	Dr Priti Trivedi Dr Jahnvi Gandhi Dr Kruti Rajvik	PDL-1 (SP-22C3) expression using immunohistochemistry in triple negative breast cancer	GCS/GCRI
7	Dr Priti Trivedi Dr Kruti Rajvik	Histological and molecular subtyping of medulloblastoma using immunohistochemical markers and its prognostic significance-Completed	GCS/GCRI
Cytogenetics			
8	Dr Pina Trivedi	Identification of oligodendroglia specific chromosomal changes 1p36/19q13.3 co-deletion by FISH analysis	GCS/GCRI
9	Dr Pina Trivedi	Assessment of MYC and BCL2 and/or BCL6 rearrangements in high-grade B-cell lymphoma	GCS/GCRI
10	Dr Dharmesh Patel	Cytogenetic exploration of Ewing Sarcoma with emphasis on rearrangement of EWSR1 gene	GCS/GCRI
Gynaecological Oncology			
11	Dr Bijal Patel	Prognostic evaluation of human epididymis protein 4 (HE4) in carcinoma cervix	GCS/GCRI



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No.	Name of PI	Project Title	Funded by
Immunohematology			
12	Dr Kruti Rajvik	To study microsatellite instability (MSI) in endometrial carcinoma patients by next generation sequencing	GCS/GCRI
13	Dr Birva Raiya	Detection of minimal residual disease in acute myeloid leukemia	GCS/GCRI
14	Dr Hemangini Vora	Development of miRNA profiling based signature of potential clinical relevance in triple negative breast cancer-Completed	GSBTM
Medical and Paediatric Oncology			
15	Dr Shashank Pandya	A phase III randomized controlled trial of single injection depot progesterone prior to surgery in women with high risk operable breast cancer	Tata Memorial Centre
16	Dr Shashank Pandya	Randomized controlled trial to assess blockade of voltage gated sodium channels during surgery in operable breast cancer	Tata Memorial Centre
17	Dr Harsha Panchal	Reditux TM registry to compare effectiveness, safety, and resource utilization of Reditux TM versus the reference medicinal product to treat diffuse large B cell lymphoma and chronic lymphocytic leukemia in routine clinical practice	Dr Reddy's Laboratory
18	Dr Harsha Panchal	Protocol no 0063-17'-A global multicenter, three arms, open-label randomized study to evaluate the efficacy and safety of Nanosomal Docetaxel Lipid Suspension compared to Taxotere [®] (Docetaxel Injection Concentrate) in triple negative breast cancer patients with locally advanced or metastatic breast cancer after failure to prior chemotherapy	Lambda Therapeutic Research Ltd.
19	Dr Harsha Panchal	A randomized, double-blind, placebo-controlled phase III study of Darolutamide in addition to Androgen Deprivation Therapy (ADT) versus placebo plus ADT in men with metastatic hormone-sensitive prostate cancer (mHSPC)	Labcorp Drug Development India Pvt. Ltd.
20	Dr Harsha Panchal	A phase III, randomized, open-label, multicenter study evaluating the efficacy and safety of adjuvant Giredestrant compared with physician's choice of adjuvant endocrine monotherapy in patients with estrogen receptor-positive, HER2-negative early breast cancer	PPD Pharmaceutical
21	Dr Harsha Panchal	A prospective, multicenter, non-interventional, observational, real-world study to evaluate the safety, adherence to therapy, and effectiveness of a T-DMI Antibody-Drug Conjugate Biosimilar in Indian patients with HER2-positive early breast cancer	BioQuest Solutions Pvt. Ltd.



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No.	Name of PI	Project Title	Funded by
22	Dr Sonia Parikh	A multicenter, open-label, randomized, phase III clinical trial to evaluate efficacy and safety of PF-II4 versus Imatinib at 600 or 800 mg daily in adult patients with Philadelphia Chromosome positive (Ph+) Chronic Myeloid Leukemia (CML) in the chronic phase (CP) resistant to Imatinib at daily doses of 400 or 600 mg.	Edenwell Therapeutic
23	Dr Sonia Parikh	A prospective, multicenter, open-label, phase IV, interventional study to assess the safety and efficacy of Capmatinib in Indian patients with Mesenchymal-Epithelial Transition (MET) exon 14 Skipping mutation positive metastatic non-small cell lung cancer (NSCLC)	Siro Clinpharm
24	Dr Kajal Shah	Randomized, double-blind parallel group, phase III study to compare the efficacy, safety and immunogenicity of proposed Rituximab biosimilar (DRL_RI) with MabThera® in subjects with previously untreated, stage II-IV Cluster of Differentiation (CD) 20-positive, low tumor burden follicular lymphoma	Parexel International
25	Dr Kajal Shah	A phase IV, prospective, multicenter, open-label, non-comparative, interventional study to assess the safety of Alpelisib plus Fulvestrant, in men and postmenopausal women with HR positive, HER2-negative, advanced breast cancer (aBC) with a PIK3CA mutation whose disease has progressed on or after endocrine based treatment	Siro Clinpharm
26	Dr Maharshi Trivedi	A randomized, active-controlled, multicenter, open label, two arm study to assess safety, efficacy, pharmacodynamics, and pharmacokinetics with Pegfilgrastim PFS of Intas Pharmaceutical Limited compared with Neupogen® injection in paediatric patients under 6 years of age with Rhabdomyosarcoma or Wilms' tumor on Myelosuppressive chemotherapy regimen (Completed)	Lambda Therapeutic Research Ltd.
27	Dr Keval Patel	An open label, multicenter, non-randomized, dose-escalation, phase I study to evaluate safety and efficacy of intravesical SN-38 lipid suspension in patients with non-muscle invasive bladder cancer	Lambda Therapeutic Research Ltd.
Molecular Diagnostics and Research Lab-I			
28	Dr Trupti Trivedi	Establishment and validation of custom targeted gene panel for diffuse glioma patients-A next generation sequencing approach	GSBTM
29	Dr Trupti Trivedi	Exploring clinical significance of autophagy regulating genes in patients with glioma tumors	GCS/GCRI



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No.	Name of PI	Project Title	Funded by
30	Dr Trupti Trivedi	Using targeted next generation sequencing panel identification of molecular alterations of TERT, CDKN2A/B, FGFR1, PDGFRA and NF1 genes useful for classification of glioma tumors	GCS/GCRI
31	Dr Trupti Trivedi	Exploring significance of STAT3 signaling pathway in IDH wild type glioma patients-Completed	GCS/GCRI
32	Dr Trupti Trivedi	Elucidating clinical impact of Notch signaling pathway for medulloblastoma patients-Completed	GCS/GCRI
Molecular Diagnostics and Research Lab-II			
33	Dr Jayendrakumar Patel	Analysis of mutation profile in BCR-ABL 1 negative myeloproliferative neoplasm using next generation sequencing	GCS/GCRI
34	Dr Jayendrakumar Patel	Evaluation of association of p16 expression with presence of HPV DNA in oropharyngeal cancer patients	GCS/GCRI
35	Dr Toral Mandalia	Impact of normalized copy number (NCN) and normalized copy number on the international scale (IS-NCN) of major BCR-ABL transcripts on prognosis in CML patients	GCS/GCRI
36	Dr Toral Mandalia	Significance of molecules associated with cancer stemness in epithelial ovarian cancer	GCRI
37	Dr Toral Mandalia Dr Kinjal Gajjar Dr Hemangini Vora	HLA typing by next generation sequencing	GCRI
37	Dr Kinjal Gajjar	A comparative study of PCR/RFLP and real time PCR techniques for detection of FLT3 mutation in acute myeloid leukemia patients	GCS/GCRI
38	Dr Jayendrakumar Patel	Clinical Significance of JAK2V617F mutation and its validation droplet digital PCR method for myeloproliferative diseases-Completed	GCS/GCRI
39	Dr Toral Mandalia	To explore the clinical value of molecular markers in epithelial ovarian cancer-A preliminary study-Completed	GCS/GCRI
40	Dr Kinjal Gajjar	Clinical significance of expression of inflammatory response genes and DNA repair genes in colorectal carcinoma-Completed	GCS/GCRI
Molecular Diagnostics and Research Lab-III			
41	Dr Franky Shah	Sequencing based exome profiling for identification of metastasis associated genes in hereditary breast and ovarian cancer	ICMR
42	Dr Franky Shah	A study of BRCA1/2 methylation in hereditary breast and ovarian cancer	GCRI
43	Dr Franky Shah	Identification of BRCA associated miRNAs in hereditary breast and ovarian cancer	GCRI



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No.	Name of PI	Project Title	Funded by
44	Dr Franky Shah	Identification of miRNAs in breast cancer	GCRI
45	Dr Franky Shah	Evaluation of YAP/TAZ axis in breast cancer	GCRI
46	Dr Jigna Joshi	Salivary microRNAs and associated genomic profile for early prediction of oral cancer	DHR-ICMR
47	Ms Hunayna Bhavnagari	Identification of YAP-TAZ axis associated miRNAs in breast cancer	ICMR
48	Ms Bhoomi Tarapara	Integrated genomics approach to identify genetic alterations in hereditary breast and ovarian cancer patients	DHR-ICMR
Nuclear Medicine and PET CT			
49	Dr Ritesh Suthar	Role of Radioguided Surgery in Giant Cell Tumor, What extra it offer	GCRI





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R. LIST OF EQUIPMENTS 2023-2024

Sr. No.	Name of the Equipment	Department	Qty	Company	Total Cost
1	Anaesthesia Workstation	Anaesthesiology	4	Unique Enterprise	1,05,04,564.0
2	Schiller TFT Display Cardiac Monitor with Defibrillator	Anaesthesiology	10	Schiller Healthcare India Pvt. Ltd	22,38,880.0
3	Autoclave	COC, Vasna	1	Shree Jay Gopal Medical Agency	12,500.0
4	Hand Dryer	Engineering Section	10	Amyra Trading Company (GEM)	17,498.80
5	Semi Rotary Microtome with Soft Touch Screen Display	Histopathology	3	Medicine Agency	25,54,000.0
6	Automated Slide Stainer	Histopathology	1	Vision Diagnostic (I) Pvt. Ltd.	19,60,000.0
7	Autoclave (Horizontal Rectangular), Working Pressure 20 (PSI) - 240 Liter	Microbiology	1	Dinesh Scientific (GEM)	2,99,999.0
8	Ceretom ELITE	Neuro Oncology	1	Schiller India Pvt. Ltd	6,04,00,000.0
9	Glass-cover Slipper for Histopathology and Cytology	Oncopathology - GCRI	1	Global Equipments	40,00,200.0
10	Automated Haematology Analyser	Oncopathology - Siddhpur	1	Pharma In All	8,85,000.0
11	Automated Haematology Analyser	Oncopathology - Rajkot	1	Pharma In All	8,85,000.0
12	Fully Automatic Bio Chemistry Analyzer	Oncopathology - Rajkot	1	Dynamic Enterprises, Baroda	7,69,990.0
13	Pointer Assembly Front	Radiation Oncology	2	Elekta Medical Systems India Pvt. Ltd.	4,90,073.0
14	Advance Telecobalt Therapy Machine (Bhabhatron)	Radiation Oncology	1	Panacea Pvt. Ltd.	1,22,58,000.0
15	Applied Bio System Real Time PCR	Cancer Biology	2	Inventa Systems (GEM)	31,62,400.0
16	Electro Cautery Machine With 2 Bipolar Modes - LCD	Surgical Oncology	2	Pulse Biomed	50,41,344.0
17	LED General Examination Light - Medical Exam / Surgical Headlight / Headlamp	Surgical Oncology	4	Masppo Medical Devices (GEM)	1,36,800.0
18	Operating Microscope for Plastic Surgery	Surgical Oncology	1	Labtek Instruments (GEM)	1,30,98,000.0
19	Advance Smoke Management System	Surgical Oncology	2	Pulse Biomed	13,44,000.0
20	Advance Smoke Management System	Surgical Oncology	2	Pulse Biomed	13,44,000.0
21	OPSAM 95 Double Dome Ceiling OT Light Per PC	Surgical Oncology	10	Prince Surgical Corporation (GEM)	1,00,500.0
22	Patient Warming Bair Hugger Machine	Surgical Oncology	1	Uma Surgical	1,18,731.0



GCRI Annual Report 2023-24

THE GUJARAT CANCER & RESEARCH INSTITUTE

(M. P. SHAH CANCER HOSPITAL)

Affiliated to B J Medical College

FINANCIAL STATEMENT

(BALANCE SHEET)

2023 - 2024

Medicity, Asarwa, Ahmedabad 380 016, Gujarat, INDIA

Tel: 079-22688000 (Hunting); Fax: 079-22685490



GCRI Annual Report 2023-24

THE GUJARAT PUBLIC TRUSTS ACT, 1950 SCHEDULE VIII [VIDE RULE 17(i)] NAME OF PUBLIC TRUST: THE GUJARAT CANCER AND RESEARCH INSTITUTE Trust No: F/451/AHD Date of Registration: 29.1.1972 Address of the Trust Office: Civil Hospital Campus, Asarwa, Ahmedabad-380016 Phone No: 22688000 Balance Sheet as at 31st March, 2024 Bank Account No. of Trust for transactions of Foreign Contribution 40137198509 F.C.R.A No. 041910456 Date: 20.1.2014 State Bank of India, New Delhi Main Branch, New Delhi							
FUNDS AND LIABILITIES	Sch. No.	INR		PROPERTY AND ASSETS	Sch. No.	INR	
		As at March 31,				As at March 31,	
		2024	2023			2024	2023
Trust Funds or Corpus	1	1,25,66,63,621	1,25,66,63,621	Immovable Properties	5	3,25,29,613	3,25,29,613
				Investments-Fixed Deposits with HDFC Limited		-	1,99,63,00,000
Other Earmarked Funds:				Medical Equipments, Furniture, Fixtures & Others	5	2,34,93,59,697	2,15,72,36,955
Depreciation Fund	5	70,36,78,254	47,40,01,378	Loans(Secured or unsecured)		-	-
Sinking Fund		-	-	Good/Doubtful		-	-
Reserve Fund		-	-	Loans Scholarships		-	-
Any Other Funds	2	4,89,10,62,023	4,39,63,59,204	Other Loans		-	-
		5,59,47,40,277	4,87,03,60,582	Sundry Debtors	6	63,03,58,795	36,12,77,056
Loans(Secured or Unsecured):				Inventories	7	3,22,75,535	2,56,67,033
From Trustees		-	-	Advances:			
From Others-Bank		26,70,476	-	To Trustees		-	-
		26,70,476	-	To Employees		51,12,434	79,03,722
Liabilities:				To Contractors		2,00,12,318	36,90,103
For Expenses	3	19,19,26,929	20,74,07,619	To Lawyers		-	-
For Advances		4,54,74,939	4,20,97,031	To Others	8	5,83,79,942	29,24,82,740
For Rent and Other Deposits	4	6,43,64,249	4,02,98,650			8,35,04,694	30,40,76,565
For Sundry Creditors and other payables		12,01,19,135	11,44,68,531	Income Outstanding:			
		42,18,85,252	40,42,71,931	Rent		-	-
Income and Expenditure Account:				Interest		6,66,85,951	3,55,42,626
Balance as per Last Balance Sheet		(50,38,22,104)	(56,38,75,464)	Other Income		-	-
Add: Surplus/(Deficit) as per Income and Expenditure Account		(2,92,01,631)	6,00,53,358			6,66,85,951	3,55,42,626
		(53,30,23,737)	(50,38,22,104)	Cash and Bank Balances			
Significant Accounting Policies	12A			(a) In Current & Saving Accounts and Fixed Deposit Accounts	9	3,54,65,11,928	1,11,29,91,983
Notes to the Financial Statements	12B			(b) In F.C.R.A Account No 40137198509 and Fixed Deposit Account	9	15,65,019	12,36,677
TOTAL		6,74,29,35,889	6,02,74,73,928	(c) With the Trustee	9	-	-
				(d) With the Cashier		1,44,657	6,15,420
						3,54,82,21,604	1,11,48,44,080

Notes:

- (1) Immovable properties are valued at cost.
 - (2) Investments are valued at cost.
 - (3) All the bank accounts stand in the name of the Institute.
 - (4) There are no investments in concerns in which the trustees are interested.
 - (5) The accounts are maintained on mercantile system of accounting.
- The above Balance Sheet to the best of our belief contains a true account of the Funds and Liabilities and of the Property and Assets of the Institute.

<p style="text-align: center;">FOR AND ON BEHALF OF TRUSTEES</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  Pankaj R. Patel Chairman & Trustee Civil Hospital Campus, Asarwa, Ahmedabad-380016 Phone No: 22688000 </div> <div style="text-align: center;">  Kshitish M. Shah Trustee </div> </div>	<p style="text-align: center;">As per our report of even date attached</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  Shashank J. Pandya Director </div> <div style="text-align: center;">  Mukesh M. Shah & Co. Chartered Accountants Firm Reg. No.106625W C S Shah (Chandresh S Shah) Partner Membership No. 042132 7th Floor, Heritage Chambers, B/h, Bikanerwala, Off S.M Road, Nr Azad Society, Nehru Nagar, Ahmedabad-380015 Phone No: 26472000 </div> </div>
<p>Place: Ahmedabad Date: 18-9-2024</p>	<p>Place: Ahmedabad Date: 18-9-2024</p>



GCRI Annual Report 2023-24

THE GUJARAT PUBLIC TRUSTS ACT, 1950							
SCHEDULE VII (WIDE RULE 17(1))							
NAME OF PUBLIC TRUST: THE GUJARAT CANCER AND RESEARCH INSTITUTE							
Trust No: F/451/AHD Date of Registration: 29.1.1972							
Address of the Trust Office: Civil Hospital Campus, Asarwa, Ahmedabad-380016 Phone No: 22688000							
Income and Expenditure Account for the year ended 31st March, 2024							
Bank Account No. of Trust for transactions of Foreign Contribution 40137198509 F.C.R.A No. 041910456 Date: 20.12.2014 State Bank of India, New Delhi Main Branch, New Delhi							
EXPENDITURE	Sch. No.	INR		INCOME	Sch. No.	INR	
		For the year ended March 31				For the year ended March 31	
		2024	2023			2024	2023
To Expenditure in respect of properties:				By Income			
Rates, Taxes, Cesses		2,92,57,542	2,38,32,142	Hospital Income		71,63,90,063	43,35,84,169
Repairs and Maintenance		25,75,246	8,72,794	By Rent (accrued/realized)		-	-
Salaries		-	-	By Interest (accrued/realized)		-	-
Insurance		-	-	On Securities		-	-
Depreciation	5	4,54,952	6,17,565	On Loans		-	-
Other Expenses		-	-	On Bank Accounts		4,85,53,000	3,52,91,183
		3,22,87,740	2,53,22,501	By Dividend		-	-
To Establishment Expenses				By Donations in cash or kind:			
To Remuneration (in the case of math)				Domestic		-	-
To the head of the math, including his household expenditure, if any.				International F.C.R.A No. 041910456 Date: 20.12.2014		-	-
To Legal and Professional Expenses		40,65,300	26,40,260	By Grants from Government of Gujarat		1,43,58,71,000	1,41,78,87,000
To Audit Fees		4,72,000	4,72,000	By Income from Other Sources	10	2,16,01,294	1,38,92,051
To Contribution and fees		-	-	By Transfer from Reserve		-	-
To Amounts Written off:				To Deficit Carried over to Balance Sheet		2,92,01,631	-
(a) Bad Debts		-	-	Sheet			
(b) Loan Scholarship		-	-				
(c) Irrecoverable Rents		-	-				
(d) Other Items		-	-				
To Miscellaneous Expenses							
To Depreciation	5	22,92,21,924	57,10,031				
(Refer Note No 4 of Schedule 12 (B))							
To Amounts transferred to Reserve of Specific Funds							
To Expenditure on objects of the Trust:							
(a) Religious		-	-				
(b) Educational		-	-				
(c) Medical Relief	11	1,98,55,70,024	1,80,64,56,273				
(d) Relief of Poverty		-	-				
(e) Other charitable objects		-	-				
To Surplus Carried over to Balance Sheet			6,00,53,358				
Significant Accounting Policies	12A						
Notes to the Financial Statements	12B						
TOTAL		2,25,16,16,988	1,90,06,54,423	TOTAL		2,25,16,16,988	1,90,06,54,423

FOR AND ON BEHALF OF TRUSTEES


 Pankaj R. Patel
 Chairman & Trustee
 Civil Hospital Campus, Asarwa, Ahmedabad-380016 Phone No: 22688000


 Kshilish M Shah
 Trustee

As per our report of even date attached


 Sashank J Pandya
 Director


 For, Mukesh M Shah & Co.,
 Chartered Accountants
 Firm Reg. No.106625W
 C.S.Shah
 (Chandresh S Shah)
 Partner
 Membership No. 042132
 7th Floor, Heritage Chambers, B/h.
 Bikanerwala, Off S.M Road, Nr Azad Society, Nehru Nagar,
 Ahmedabad-380015 Phone No: 26472000

Place: Ahmedabad Date: 18th 9th 2024

Place: Ahmedabad Date: 18th 9th 2024



GCRI Annual Report 2023-24

ACKNOWLEDGMENT

Our sincere thanks and gratitude to:

Shri Acharya Devvrat, His Excellency, The Governor of Gujarat
Shri Bhupendrabhai Patel, Hon'ble Chief Minister, Gujarat State
Shri Dhananjay Dhawedi, IAS, Principal Secretary, Government of Gujarat
Shri Harshadkumar Ratilal Patel, IAS, Commissioner of Health, Medical Services and Medical Education, Health & Family Welfare Department, Government of Gujarat
Dr Hasmukh Adhia, IAS (Retd.), Chairman, Gujarat Mineral Development Corporation, Ahmedabad
Shri K. K. Nirala, IAS, Secretary (Expenditure), Finance Department Government of Gujarat
Dy. Director General, Directorate General of Health Services, Ministry of Health & Family Welfare, Government of India
Director (IF), Ministry of Health & Family Welfare, Govt. of India
Mayor, Ahmedabad Municipal Corporation
Municipal Commissioner, Ahmedabad
Superintendent, Civil Hospital, Ahmedabad
Dean, Govt. Dental College, Ahmedabad
Dean, B. J. Medical College, Ahmedabad
Director General, Indian Council for Medical Research, New Delhi
Officer-In-charge, ICMR, NCRP, Bangalore
Director, NIOH, Ahmedabad
Vice Chancellor, Gujarat University, Ahmedabad
Department of Health & Family Welfare, Government of Gujarat
Ministry of Health & Family Welfare, Government of India
Director General of Department of Science & Technology, New Delhi
Director General of Department of Biotechnology, New Delhi
Commissioner of Police, Ahmedabad
Gujarat Cancer Society, Ahmedabad
Social Organisations providing helping hand to our day today activities
All staff members of Gujarat Cancer & Research Institute and Gujarat Cancer Society Parivar
Director, Institute of Kidney Diseases & Research Centre
Director, U. N. Mehta Institute of Cardiology & Research Centre
Dean and all staff members of GCSMCH & RC

Annual Report Preparation Committee

Head of Departments / Units / Services / Administrative Sections

Dr Hemangini Vora, Dr Trupti Trivedi, Mr Rushi Patel, Mr Mahendra Kumpavat



The Gujarat Cancer & Research Institute

(M. P. Shah Cancer Hospital)

STATE CANCER INSTITUTE

(Recognized by Ministry of Health & Family Welfare, Govt. of India)

