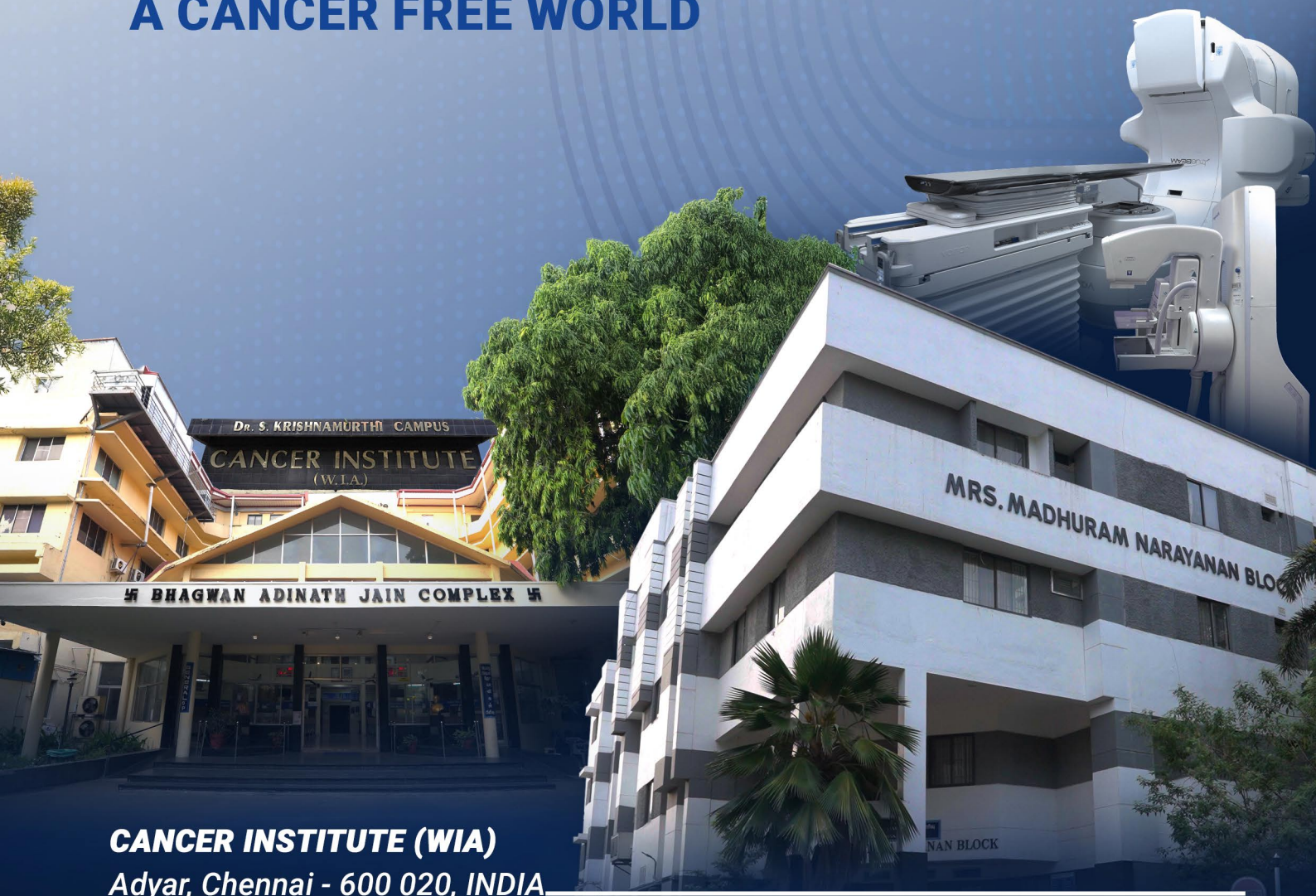
CANCER INSTITUTE (WIA)

ANNUAL REPORT
2024 - 2025

72 YEARS OF DEDICATION TOWARDS A CANCER FREE WORLD



CANCER INSTITUTE (WIA)
Adyar, Chennai - 600 020, INDIA

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Cancer Institute (WIA) was founded in the year 1954, largely owing to the stupendous efforts of Dr. Muthulakshmi Reddy its founder. Last year the institute completed 70 years of existence and in about 4 years it would have completed 75 years. This is a significant achievement for any institution and we must pay homage to this milestone not through just celebrations and festivities but through renewing our strong vows of commitment to the cause of treatment and eradication of cancer. We can pay no greater tribute to the memories of Dr.Muthulakhmi Reddy, Dr. S. Krishnamurthi and Dr. V. Shanta and many others who have toiled for this institution, than to live up to their dreams and expectations for Cancer Institute. Collectively we must endeavour to ensure that Cancer Institute will ever remain a beacon of hope for the afflicted and distressed, a source of inspiration to the medical and para medical community and as an institution to be admired by the society at large.The earlier reference to cancer is in an ancient Egyptian text book now called "Edwin Smith Papyrus" (in memory of the person who unearthed it) and this book makes reference to 8 cases of tumour or ulcers of the breast that were removed by cauterization with a tool called the fire drill. Importantly it refers to the disease as one without cure.

Thankfully today that assertion is no longer true. However complete cure for cancer is still an aspiration and not a reality. India's overall cancer survival rate fluctuates between 30%-60%. Some types of cancer enjoy higher survival rate while other more complicated types suffer a much lower rate. The daunting task of Cancer Institute is that with the assistance of all resources and competencies at its disposal, it should strive to raise these figures of survival rate consistently. The many challenges to this objective include, increasing awareness, early detection, eradication of fear of cancer, making available the best medical care at affordable prices, ready access to treatment to name just a few.

All of us at Cancer Institute i.e., the Governing Board members, the very dedicated doctors, the equally dedicated nurses and other para medical staff, the committed members of the management and finance team, and above all its selfless donors and volunteers represent an admirable and formidable team to achieve the noble task of treatment and eradication of cancer.Our Annual Report would help us to not only take stock of where we stand but will also help us to chart our path of where we go from here.
Thank you all for being with us on this journey and let us all as a team work towards taking Cancer Institute (WIA) to greater heights and enviable glory.

Shri. N.L. Rajah,
Chairman

Cancer Institute, Adyar Chennai is a comprehensive cancer centre in service from 1954. Research at Cancer Institute follows the Mantra 'Today's Research, Tomorrow's Cure' pro pounded by Dr.S.Krishnamurthi, a doyen in the field of oncology. Complex field of cancer keeps continuously evolving because of Research. Historically, Research at Cancer Institute started in 1957 with the country's first nuclear medicine unit being established. Subsequently innovations by Medical physics department resulted in indigenous designing and production of treatment planning system and radiotherapy equipments, unheard of in those days in our country. PhD programs were started from early 1960s.

Institute has two major departments doing work on cancer genomics, diagnostics, immunology, etc. Translational research is the major focus. Institute always concentrates on ways and means to make all treatments affordable immaterial of the socio economic status whether it is robotic surgery or sophisticated radiation or medical treatments. Emerging new immunological treatments pose a very big challenge towards this goal. To overcome this Institute is now in the process of making these inhouse. We have appointed Dr. Vijayanand, a very competent person, to head the research wing. We also have plans to start a separate Advanced Research Centre at Gummidipoondi which will also include a fully equipped hospital to facilitate trials. Robust clinical research continues to happen, some of them are practice changing studies. Clinical research is ably supported by a separate clinical research support unit. Institute is also well known for its epidemiological research.

We at the Institute feel that there is an acute need in our country to make pioneering contribution in the field of cancer research. Towards this we will progress and achieve.

Dr. E. Hemanth Raj,
Vice Chairman

Compassion and steadfast commitment by our founder of Cancer Institute (WIA), Adyar, have touched numerous lives. This fiscal year, 2024-25, has been a year of foundation for a sustainable transition of our institution, laying the groundwork for enhanced care and research.

As a comprehensive cancer care centre, from prevention to palliation, we have tirelessly enabled early detection across locations. Our population-based cancer registry strengthens our focus with data intelligence on the cause, effect, pattern, prevalence, and survival over decades across demographics. In our pursuit to enable an affordable treatment and quality cancer care for all, we stand by to uphold ethical medical care, regardless of socio-economic strata.

Apart from existing clinical trials, our efforts are critically converging to initiate research for breakthroughs in cancer care. We strengthen educational initiatives to produce the finest skills with humanity in every possible discipline of cancer care, a value ingrained in our outgoing students. Despite some continuing challenges, our donors, patrons, and volunteers have extended their unwavering patronage in this transition, enabling us to navigate through complexities. Our staff, doctors, nurses, para-clinical, and others, have enabled non-compromised journey towards quality healthcare.

The trust placed on the Institute is humbling. At the Institute, “Service above Self” is a resolve sown by Dr. Muthulakshmi Reddy, nurtured by her son Dr. S. Krishnamurthi, and strengthened by Dr. V. Shanta and other leaders who guide us through this critical year of change for a greater good.

Shri. Vijay Sankar,
Vice Chairman

At the Cancer Institute (WIA) Adyar, the year 2024–25 has been one of transformation, resilience, and renewed commitment. Guided by our founding principles of service, compassion, and excellence, we have continued to advance our mission of delivering world-class, affordable cancer care to all, irrespective of social or economic circumstances. This year, we strengthened our core clinical services, expanded access to advanced diagnostics, and integrated new treatment modalities—ensuring that patients receive the most up-to-date and evidence-based care. Our emphasis on research and innovation has deepened, with the recruitment of a Research Director and our multidisciplinary teams contributing to impactful studies that address the unique challenges of cancer in India.

We are proud of our progress in early detection programs, patient support services, and palliative care, which have touched thousands of lives and reaffirmed our belief that comprehensive cancer care must extend beyond treatment to embrace the physical, emotional, and social well-being of every patient and their family. Our journey this year would not have been possible without the dedication of our medical, nursing, research, and administrative teams, whose unwavering commitment to excellence inspires us every day. We extend our heartfelt gratitude to our donors, partners, and well-wishers whose generosity enables us to sustain and expand our mission.

As we look ahead, we remain steadfast in our vision of a future where cancer care in India is equitable, accessible, and driven by cutting-edge science and human compassion. The road ahead demands innovation, collaboration, and collective will—and we are confident that, together, we will continue to make a lasting difference.

Dr. Kalpana Balakrishnan,
CEO & Medical Director

GOVERNING BODY (2024-25)

Shri. R. Seshasayee Chairman, Cancer Institute (WIA)	**Chairman**
Dr. E. Hemanth Raj Executive Vice Chairman, Cancer Institute (WIA)	**Secretary**
Dr. Kalpana Balakrishnan Director, Cancer Institute (WIA)	**Member**
Dr. T.G. Sagar	**Member**
Shri. Vinod Kumar Jain	**Member**
Shri. Arun Alagappan Murugappa Group	**Member**
Shri. Vijay Sankar The Sanmar Group	**Member**
Mr. Srivats Ram Managing Director, Wheels India Ltd.	**Member**
Mr. C.N. Raghavendran C.R. Narayana Rao (Consultants) Pvt. Ltd.	**Member**
Shri. N.L. Rajah Senior Advocate	**Member**
Mrs. Girija Vaidhyanathan, IAS (Retd.) Former Chief Secretary, Govt. of TamilNadu	**Member**
Dr. S. Suresh Director, Mediscan Systems	**Member**
Dr. K. Sundaram Clinical Professor, Dept. of Otolaryngology, SUNY Downstate Medical Center, New York, USA	**Member**
Dr. T.S. Ravikumar	**Member**
Mr. R. Shankar Raman	**Member**
Dr. Mayilvahanan Natarajan Orthopedic Surgeon, MN Orthopedic Hospital	**Member**
Addl Secretary & Financial Adviser Ministry of Health and Family Welfare, Govt. of India	**Member**
Secretary, Department of Health Research & Director General Indian Council of Medical Research	**Member**
Director of Medical Education, Govt. of TamilNadu	**Member**

M/s. R. Janakiraman & Co – Approved Auditors

About Us

The Cancer Institute (WIA) in Adyar, established in 1954 by Dr. Muthulakshmi Reddy, is a leading charitable institution in cancer care, research, and support. Evolving from a 12-bed cottage hospital to a comprehensive cancer centre with over 675 beds, it has been instrumental in offering accessible and affordable treatment for over seven decades. The Institute provides free care to 20–25% of patients and subsidized treatment to another 75% through government and NGO support.

With a focus on holistic cancer care, the Institute houses a hospital, research division, a teaching college, a preventive oncology wing, and a palliative care unit. Its reach extends through outreach screening programs in eight districts and a free hospice, Mahaveer Ashray, in Sriperumbudur. The Institute manages around 14,000 new cases and 170,000 follow-ups annually.

Accredited by the NABH, the Institute is guided by its founding ethos of "Service above Self," upholding a legacy of compassionate, inclusive, and high-quality cancer care, especially for the poor and underprivileged.

Institute Management Committee

Chairman

Shri. R. Seshasayee – Chairman, Cancer Institute (WIA)

Convener

Mrs. Varalakshmi Vijayakumar – Associate Director (Admin.), Cancer Institute (WIA)

Members

Dr. E. Hemanth Raj – Vice Chairman, Cancer Institute (WIA)
Dr. Kalpana Balakrishnan – CEO & Director, Cancer Institute (WIA)
Mr. V. Venugopal – Chief Financial Officer (CFO), Cancer Institute (WIA)
Dr. R. Swaminathan – Associate Director, Cancer Institute (WIA)
Shri. N.L. Rajah
Dr. T.G. Sagar
Dr. T.S. Ravikumar
Ms. S. Ajitha – CHR & CO, Cancer Institute (WIA)

Milestones

1950 - 1959

1954 – First comprehensive cancer centre in South India; third in India.
1956 – Asia's first super-voltage era with 60Co teletherapy unit; first Nuclear Medical Oncology dept in India.
1957 – First medical physics department in India.
1958 – Pioneered combined modality for advanced oral cancers; cure rate rose from 19% to 58%.
1959 – Secured concessional travel for cancer patients by rail.

1960 - 1969

1960 – First pediatric oncology centre in India; introduced lymphangiography for lymphoid tumor diagnosis.
1961 – First rural cancer survey in India (Chengalpattu, TN).
1962 – First indigenous cesium tele-curie-therapy unit (with Dr. Homi Bhabha).
1965 – Recognized for Ph.D./D.Sc in Oncological Sciences; introduced mammography for occult breast tumors in India.
1968 – Designed and installed first indigenous radiotherapy simulator.

1970 - 1979

1971 – India's first medical oncology unit and blood component unit.
1974 – Declared first "Regional Centre for Cancer Research & Treatment" in India.
1975 – Installed India's first linear accelerator (gift from DANIDA).
1978 – Declared "Centre of Excellence"; introduced hyperbaric oxygen therapy; introduced blood cell separator for chemo support.

1980 - 1989

1981 – India's first M.Sc. (Medical Physics); established Madras Metropolitan Tumor Registry.
1982 – India's first oncological sciences college with M.Ch., DM, MD degrees (MCI recognized).
1985 – Introduced hyperthermia in oncology; installed first ND-YAG surgical laser; performed first endoscopic laser surgery in India.
1987 – First limb conservation surgery with custom prosthesis for bone cancer in India.

1990 - 1999

1995 – First intra-operative radiotherapy (IORT) facility; installed first indigenous brachytherapy unit (CITRON).

2000 - 2009

2002 – Started first hereditary cancer detection/prevention program; launched WHO Tobacco Cessation Clinic.
2004 – Developed and tested dendritic cell vaccine for cervical cancer (Phase 1).
2006 – Established National Tumor Bank; started telemedicine with six nodal centres.
2007 – Established Centre of Excellence for Molecular Oncology.
2008 – Installed India's first Rapid Arc Therapy; first radiotherapy simulator with cone beam facility.

2010 - 2019

2013 – Diamond Jubilee inaugurated by CM Dr. J. Jayalalithaa; launched Tamil Nadu Cancer Registry Project, MRI, True Beam Radiotherapy.
2016 – Dr. V. Shanta received Padma Vibhushan.
2017 – Established Mahaveer Ashray Palliative Care Centre (free care).
2018 – PM Narendra Modi inaugurated new patient care facilities, Mahaveer Ashray, and L&T Illam.
2019 – NABH accreditation granted for four years.

2020 - Present

2020 – Maintained uninterrupted treatment during COVID-19.
2024 – Joined India's elite with exclusive Endoscopy Suite and Cath Lab.

Year End Highlights

- **650+** Beds, **17** Departments, **1,200+** Staff
- **1,96,279** Cases Registered
- **13,131** New Patients Registered
- **60%** of patients receive either completely free or subsidized care.
- **1 in 5** patients treated from outside Tamil Nadu.
- **2,714** Major Oncological Surgeries, **1,286** Endoscopic Procedures, **56,726** Radiation Treatment sessions & **22,669** Chemotherapy Sessions.
- **88** Bone Marrow Transplants
- **12,502** patients supported through palliative care.
- **7,869** Blood Donors
- **27,733** people screened through district camps across Tamil Nadu.
- **>2,00,000** people reached through the Cancer Awareness Bus.
- **68** Research Publications
- **165** Students Graduated
- **2,478** Donors Provided Financial Support

VOICE OF THE PATIENT

Bhavyaa's story is the power of perseverance even in the face of life's toughest battles. Diagnosed with cancer (GCT - Germ Cell Tumor) at a young age, Bhavyaa's initial reaction was one of shock and fear, leaving her feeling lost in the midst of uncertainty. She was in her 10th grade when she was first diagnosed, and despite everything, she motivated herself to study hard and complete her board exams, even while undergoing surgery and treatment. Bhavyaa continued to excel academically, became the department secretary, and even topped her college in French.

She never let her illness define her future. Beyond academic success, Bhavyaa's achievements are a reflection of her inner strength. She pursued Fitness and wellness as a way to stay healthy, participated in awareness campaigns, and became an active member of survivorship support groups. Through her research project on cancer therapy and her ongoing pursuit of a Masters in Human Genetics, she seeks to understand and contribute to the very battle she once fought.

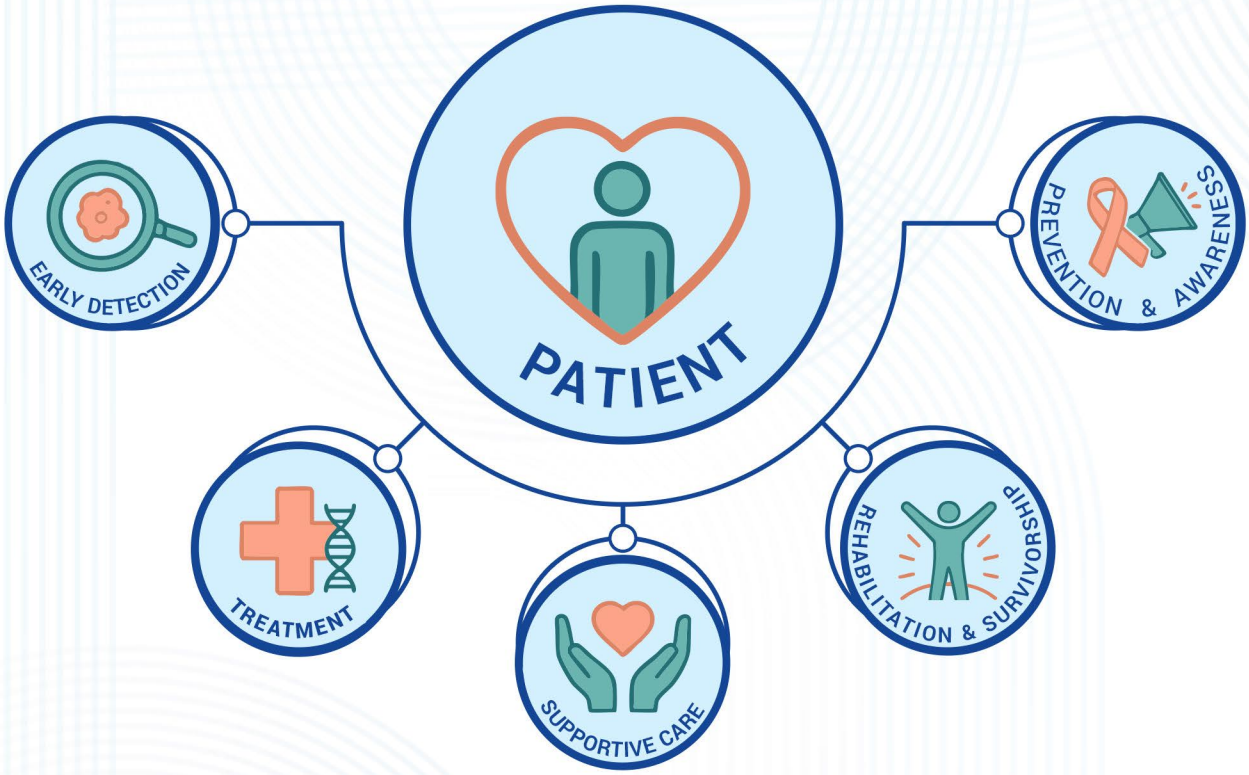
The most difficult part of her journey was losing her father amidst this chaos. Everything was emotionally draining. But perhaps the most defining aspect of Bhavyaa's journey is her ability to reflect on her experiences with hope and clarity.

"Draw strength from your pain,
reflect and use it to fuel your personal growth!"



Bhavyaa

360° Holistic Cancer Care

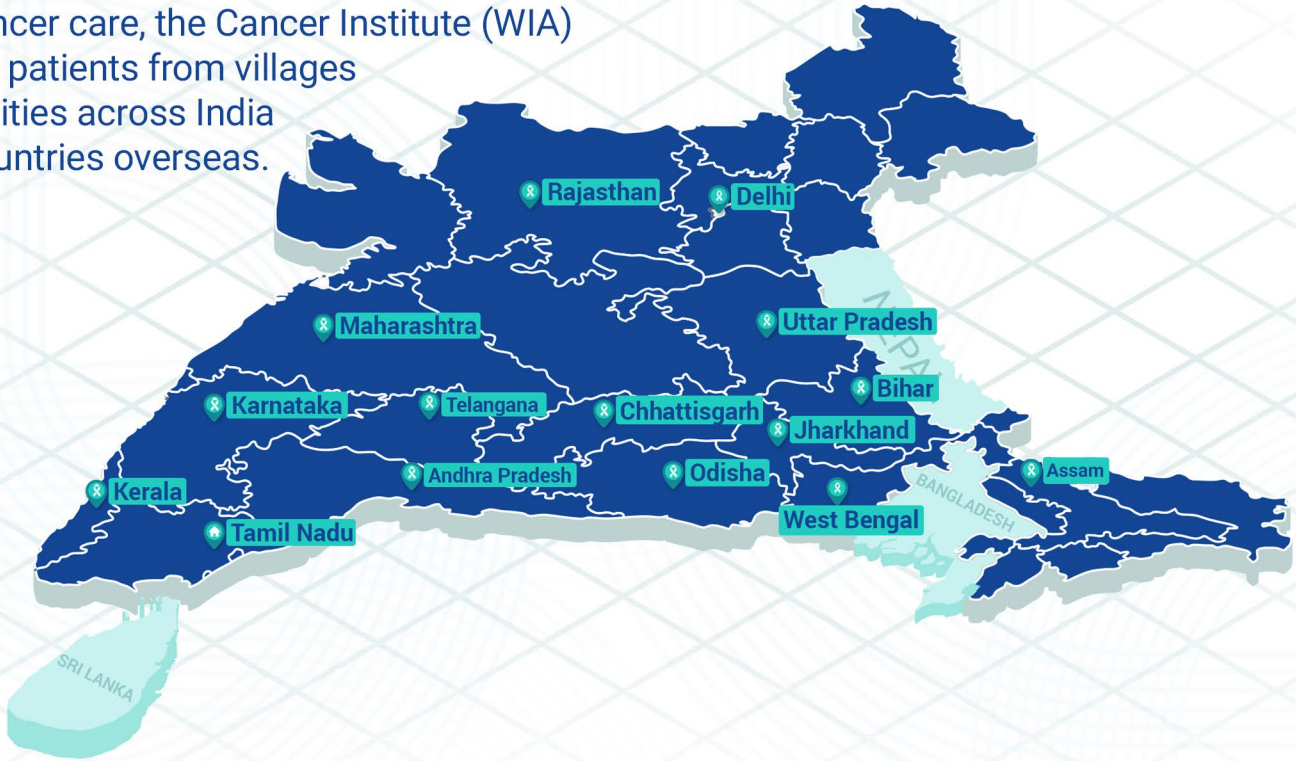


The Cancer Institute (WIA) is a sanctuary of healing where every patient is met with compassionate, state-of-the-art care. From bustling outpatient clinics to specialized oncology wards, a dedicated multidisciplinary team works together to create personalized treatment plans, ensuring no aspect of a patient's well-being is overlooked. State-of-the-art diagnostic facilities enable early and accurate detection, while cutting-edge treatments like targeted therapy, bone marrow transplantation, robotic surgery, and precision radiation offer the best possible outcomes.

Healing at the Institute goes beyond medicine to embrace the mind, body, and spirit. Adults benefit from psycho-oncology, physiotherapy, and palliative care that relieve symptoms, restore strength, and bring comfort at every stage. Children in pediatric oncology receive not just the latest therapies but also psychosocial counselling, nutritional support, and play therapy. In every department, patients are treated like family, surrounded by 360-degree holistic care that offers not only treatment but hope, dignity, and the reassurance that no one fights cancer alone.

A Destination for Cancer Care

Recognized for excellence and compassion in cancer care, the Cancer Institute (WIA) heals patients from villages and cities across India to countries overseas.



VOICE OF THE PATIENT

A cancer diagnosis can shatter one's world, and for Ms. Rajani Rajendran, it did just that. Initially shocked and overwhelmed with the diagnosis of ovarian cancer, she found her strength in her son, who became her greatest motivation to fight. With the unwavering support of her family, friends, and doctors, she embraced the journey with resilience.

Her life took on a new meaning post-diagnosis. She created and starred in a short film to inspire fellow cancer patients, a heartfelt effort to spread hope. Driven by a bucket list of dreams, she continues to check off each goal, living with intention and gratitude. Her positive outlook has touched those around her, turning her struggle into a source of inspiration for others. Currently, she is a senior manager in Saudi Arabia.



She believes every day is a gift to be lived fully, making the most of the "now" moment. To those battling cancer, her message is clear: "Never ever give up."

The institute has been re-accredited by the **National Accreditation Board for Hospitals & Healthcare Providers (NABH)** for four more years, valid until **July 2026**, demonstrating its commitment to quality and patient-centric care.

Medical Oncology

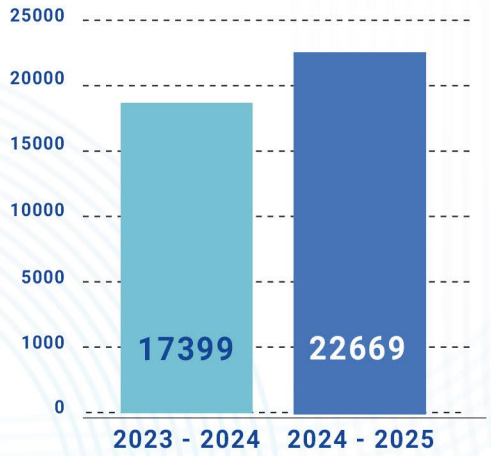
The Institute provides comprehensive medical oncology management, including advanced treatments such as bone marrow transplantation. The Institute is also a hub for multicentre clinical trials and research in medical oncology, with its faculty and students actively contributing to high-impact publications and presenting at international conferences.

88
Bone Marrow Transplants

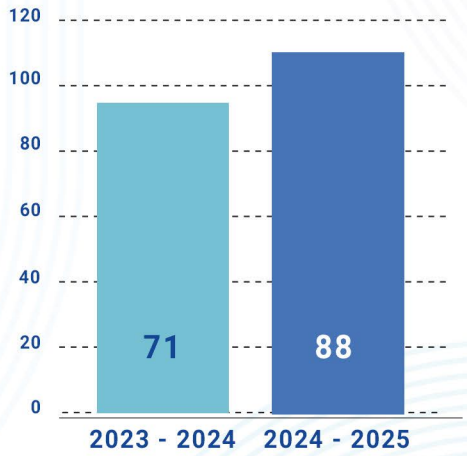
22,669
Chemotherapy Sessions

9,000
Paediatric Chemotherapy Preparations

CHEMOTHERAPY SESSIONS



BONE MARROW TRANSPLANTS





Surgical Oncology

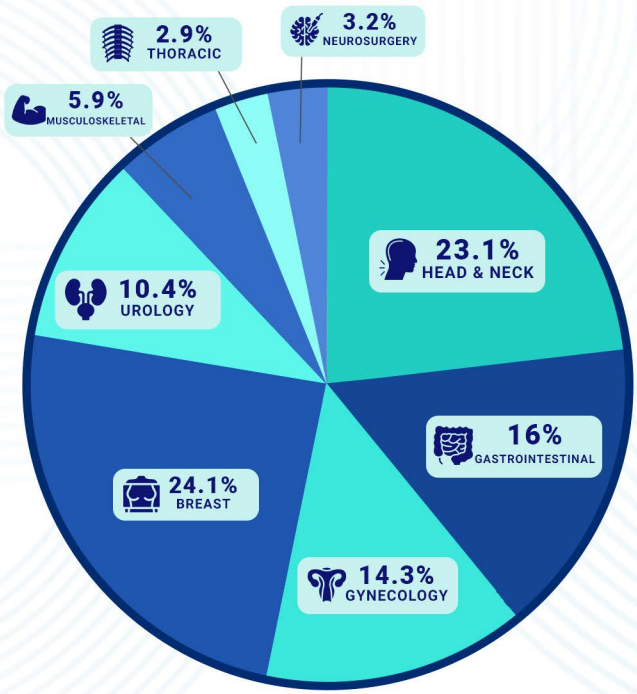
The Institute offers advanced surgical care across the full spectrum of cancers, supported by a multidisciplinary team. Services include reconstructive surgery, speech therapy, and a bone bank, reflecting an integrated and comprehensive approach to cancer care. Alongside treatment, the Institute remains committed to improving outcomes and advancing education in oncologic surgery.

2714
Major Surgeries
(2024-2025)

1286
Endoscopic Procedures
(2024-2025)

421
Robotic Surgeries
(Since 2021)

MAJOR SURGERIES BY SPECIALTY





Gynaec-Oncology and Breast Services

Adyar Cancer Institute provides comprehensive multidisciplinary care for cancers affecting women, integrating surgical, medical, radiation, imaging, and pathology services to ensure holistic treatment and follow-up. In 2024–2025, the Institute performed

389 ***gynaecologic cancer surgeries*** **&** **654** ***breast cancer surgeries***

reflecting its high clinical volume and expertise. Alongside patient care, the Institute contributes to national academic and clinical research, strengthening cancer management practices across the country. Its collaborative model ensures seamless coordination across departments, offering evidence-based, patient-centered care that addresses both treatment and recovery.

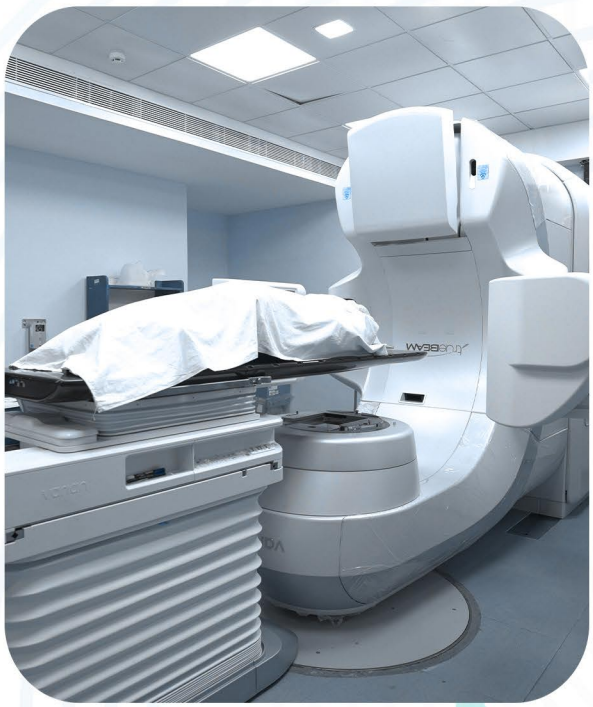


Radiation Oncology

Adyar Cancer Institute continues to advance cancer care through its comprehensive radiation oncology services, combining patient treatment, education, and research. In 2024-2025 radiation oncology services added new state-of-the-art equipment and registered

2,324 ***new patients*** **&** **56,726** ***treatment sessions***

including daily outpatient radiotherapy. With a strong focus on evidence-based practices, the Institute integrates clinical excellence with academic training and translational research to enhance patient outcomes and build national expertise in cancer management.



Anaesthesiology, Pain and Palliative Care

In 2024–2025, The Institute provided comprehensive cancer care by supporting

5,458 Anaesthesia Cases & **7,776** PAC Visits & **>2,500** Procedures

Services extended to radiotherapy, endoscopy, paediatric sedation, and pain management, alongside academic and research initiatives.

PALLIATIVE CARE BY THE NUMBERS

12,502 Patients Supported	**470** Home Visits
1,680 Counseling Sessions	**559** Social Worker Interventions

- *Home Care To Reduce Admissions*
- *End-of-Life Care Ensuring Dignity and Family Guidance*
- *Bereavement Support with Counseling, Emotional Aid, and Financial Assistance for Disadvantaged Families*
- *Multidisciplinary Team to Provide Compassionate, Continuous Support Addressing Physical, Emotional, and Practical Needs*

Hospice Care

Mahaveer Ashray, established on 22 June 2017, provides holistic, patient- and family-centered hospice care for individuals with cancer. Supported by a multidisciplinary team, it ensures dignity, empathy, and respect while offering comprehensive medical, psychological, and physical support.

All care, housing, and food are provided entirely free of cost.



Excellence in Oncology Nursing

Oncology nursing differs from other forms of nursing as it requires specialized skills in managing complex treatments, side effects, and providing compassionate psychosocial support to patients and families. At the Cancer Institute, a dedicated team of **430+ TRAINED NURSES** deliver round-the-clock, holistic care, ensuring comfort, dignity, and continuity throughout the cancer journey.

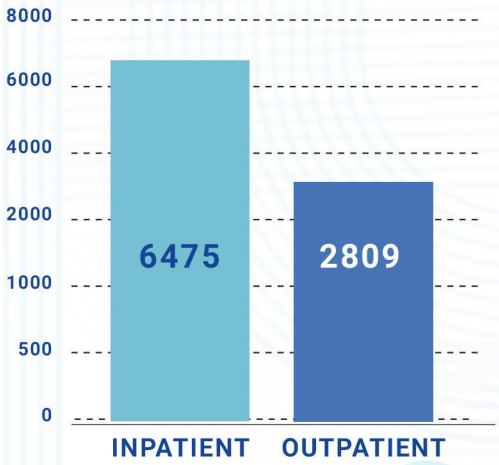
Paediatric Oncology

The Cancer Institute (WIA) provides specialized, comprehensive care for children with cancer, integrating diagnosis, treatment, follow-up, and psychosocial support. The institute is a leader in paediatric cancer treatment, surveillance, research and education, placing it at the forefront of paediatric oncology in India and beyond.

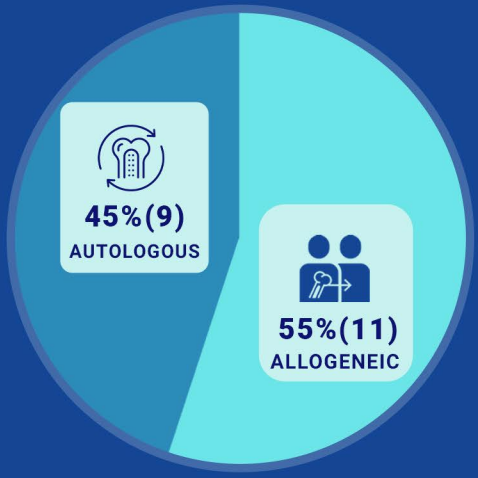
BY THE NUMBERS

209 NEW PAEDIATRIC PATIENTS REGISTERED

CHEMOTHERAPY PREPARATION



PAEDIATRIC BONE MARROW TRANSPLANTS PERFORMED







Mahesh Memorial Trust Paediatric Oncology Centre





The Mahesh Memorial Paediatric Oncology Centre, established in 2007 as a partnership between the Institute and the Mahesh Memorial Trust delivers comprehensive treatment and supportive care for children with cancer. Built with child-friendly design, it includes an ICU, cardiac monitors, recovery room, and facilities for painless bone marrow procedures along with a children's play area. The Mahesh Memorial Trust (MMT) provides a dietician, infection control education, volunteers for patient engagement, and a dedicated administrator. Together, MMT and the Cancer Institute embody the centre's motto, ***"Live Beyond Cancer."***

VOICE OF THE PATIENT

Chironjib was diagnosed with hematological malignancies as a 17-year-old teenager in Assam. Fear gripped him! Chironjib transformed fear into strength. Chironjib's battle with cancer is a testament to the unwavering compassion of the doctors and nurses who stood by him. Their constant encouragement, care, and positive energy created an environment where hope thrived and healing became possible. Today, Chironjib, a store manager in Fab India continues to uplift others, forever grateful to the heroes in white coats who gave him the courage to rise above and embrace life with purpose and optimism.

Chironjib



Radiology and Imaging

Radiology—once limited to X-ray–based imaging—has evolved into a sophisticated medical specialty employing advanced technologies such as ultrasound, computed tomography (CT), magnetic resonance imaging (MRI), mammography, interventional procedures, ECG, and echocardiography for the diagnosis and, in some cases, tratment of disease.

The department also plays a role in cancer awareness, prevention, early detection, and research into causation, diagnosis, and treatment.

BY THE NUMBERS

27,895
DIGITAL X-RAYS

964
C-ARM & SPECIAL PROCEDURES

5,622
MAMMOGRAMS

19,409
ULTRASOUND SCANS

13,016
CT SCANS

2,366
MRI SCANS

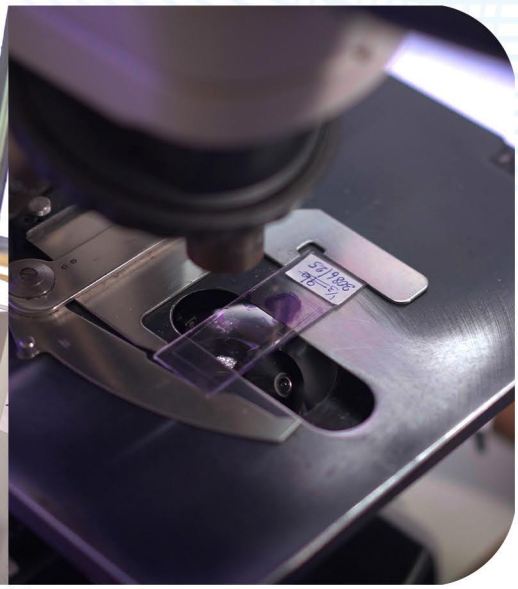


Pathology

The Cancer Institute (WIA), provides comprehensive pathological services including histopathology, cytology, hematology, immunohistochemistry, and molecular pathology to support accurate cancer diagnosis and personalized treatment planning. In 2024-2025, the institute processed

>12,840 diagnostic specimens
9,348 histopathology specimens
1,442 bone marrow samples
2,050 cytology specimens





DHR-ICMR Advanced Molecular Oncology Diagnostic Services - DIAMOnDS

2024

Best Emerging DIAMOnDS Centre

- The DIAMOnDS project, was launched in 2019 by the Government of India to establish advanced diagnostic services in regional cancer centres.
- ***2,890 free breast and lung cancer tests across TN since March 2023***

Precision Oncology

In 2024–25, Adyar Cancer Institute expanded the use of precision oncology through advanced diagnostics. The centre increased testing capabilities with the addition of advanced equipment for next generation sequencing, nucleic acid testing, and advanced spectral microscopy.

BY THE NUMBERS

21123
Molecular Diagnostic Tests

570
Next Generation Sequencing Tests

85800+
Clinical Biochemistry Samples Processed Per Month

62619
Microbiology Samples Tested

1223
BCR-ABL Tests For Detecting Chronic Myeloid Leukemia

Blood Centre

In 2024–25, the Institute's Blood Centre supported safe, voluntary donation and advanced testing.

BY THE NUMBERS

6,846	849	174	34000
Whole Blood Donations	*Platelet Donors*	*Granulocyte Donors*	*Blood group and Rh typing test*

Psycho-Oncology

For over 25 years, psycho-oncology services at Adyar Cancer Institute have addressed the psychological, emotional, and social needs of cancer patients. Services include

Distress Screening	**Psycho Education**	**CBT, Behavior Modification**	**Neuro-Cognitive Assessments**
Grief Counselling	**Paediatric Psychosocial Care**	**Caregiver Education**	**Survivorship Therapy**

Support Groups



Dedicated support groups—covering pre-radiation, pre-chemotherapy, stoma care, women with breast cancer, and paediatric patients provide tailored guidance to manage treatment side effects, body image changes, and emotional challenges.

BY THE NUMBERS



VOICE OF OUR PATIENT

After removal of the breast, I was very sad and was crying because, feeling feminine is important to any woman. I was worried about the side-effects of chemotherapy. I started worrying about losing my breast even before the surgery. I started feeling scared and perplexed about my future. After the surgery, my relatives and neighbours started commenting on my disease. Whenever I saw myself in the mirror, I felt that my physical appearance was very different from usual. I was very upset.

But when I started using the breast prosthesis given here, I felt very comfortable and with confidence I could step out of the house. I am able to go to shops, meet people confidently. The prosthesis feels very natural and comfortable.



After Completion Therapy (ACT)

The After Completion Therapy (ACT) Clinic empowers cancer survivors beyond treatment, addressing late effects, fears, and daily challenges with personalized care plans, lifestyle guidance, and cognitive assessments.

805 ***survivors supported in 2024-2025***

Physiotherapy

Delivered by skilled physiotherapists providing goal-oriented, evidence-based, and holistic care. Working with families, caregivers, and health professionals, the unit focuses on rehabilitation and improving quality of life throughout the cancer journey.

11,067

Patients Received Physiotherapy Services in 2024 – 2025



Dharamsala

The Dharamsala at the Cancer Institute (WIA), provides essential support to ***180 cancer patients and caregivers per day on average, offering free accommodation and nutritious meals.*** This facility fosters a healing environment with amenities, communal activities, and emotional support services, exemplifying our commitment to comprehensive cancer care and patient well-being.



Cancer Registries - Documenting the Disease

1954 – Hospital-Based Cancer Registry (HBCR) : India's first hospital-based registry, created to document all patients visiting the institute. **Nearly 178,000 patients have been documented so far,** with 11,000 new cases annually. Unique lifetime follow-up continues for 20–50 years post-treatment.

1982 – Population-Based Cancer Registry (PBCR) : Established as the first PBCR in Tamil Nadu under the Indian Council of Medical Research, focusing on the Madras metropolitan region to measure cancer incidence.

2003 – Rural Cancer Registry (Dindigul District) : Initiated to study rural cancer patterns and serve as a pilot intervention site. It provided key insights into incidence and access to care in underserved regions.

2012 – Tamil Nadu Cancer Registry Program (TNCRP) : Formed to study cancer incidence across all districts in Tamil Nadu, **covering 80 million people from 2,000 sources—the largest population covered by a single registry in the world.** This program led to cancer becoming the first non-communicable disease to be made notifiable in Tamil Nadu in 2018.

2022 – Population-Based Childhood Cancer Registry (PBCCR) : India's first high-resolution, population-based childhood cancer registry, covering Greater Chennai Corporation.

Highlights (2024 - 2025)

A formal MoU for data sharing with the Government of Tamil Nadu was signed in March 2025, renewing and formalizing the ongoing collaboration in the TNCRP.



The first paediatric Cancer Registry report, published in January 2025, documented 250 paediatric cases diagnosed in 2022, providing details on stage at presentation, treatment type, and immediate outcomes.



Partner Organizations

NATIONAL HEALTH MISSION
தேசிய நலவாழ்வு குழுமம்
தமிழ்நாடு

DPH

DIRECTORATE OF MEDICAL EDUCATION
CHENNAI
KNOWLEDGE IS ETERNAL

INDIAN COUNCIL OF MEDICAL RESEARCH
NEW DELHI

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Preventive Oncology & Public Health

A core aspect of the Institute's mission is to concentrate on the preventive aspects of cancer in order to significantly reduce, if not totally eliminate, the incidence of cancer—underscoring prevention as a foundational goal. Preventive oncology is embedded within the institute's departmental framework, public health initiatives, and research activities.

Thiruvannamalai Breast Cancer Screening

On 10 March 2025, the Institute launched a digital mammogram unit at the Thiruvannamalai Cancer Education and Screening Centre donated by the Rotary Club of Madras, with funds sponsored by SBI Mutual Fund. The initiative provides baseline mammogram screening for women above 40, ***BENEFITTING 3,95,000 WOMEN*** across Thiruvannamalai, Kallakurichi, Vellore, & Krishnagiri districts.



Bus Project

Launched on October 25, 2021, the Cancer Institute's (WIA) Bus Project combats poor cancer awarenesss. The mobile exhibition educates on prevention, screening, myths, and treatment using audio-visuals and survivor stories, reaching students, professionals, women, and the elderly. Staffed by a dedicated team, it strengthens early detection through widespread community outreach.

>2.07 LAKH
People Engaged

450 +
Locations

400 +
Avg. Visits/Day

HPV Vaccination Program

The HPV vaccination program was inaugurated on March 8, 2024, in Villupuram by the Tamil Nadu Chief Minister. Accompanied by school-based awareness campaigns and training initiatives, the program has fostered growing public interest. Ongoing philanthropic support is helping scale the initiative, aiming toward cervical cancer elimination.

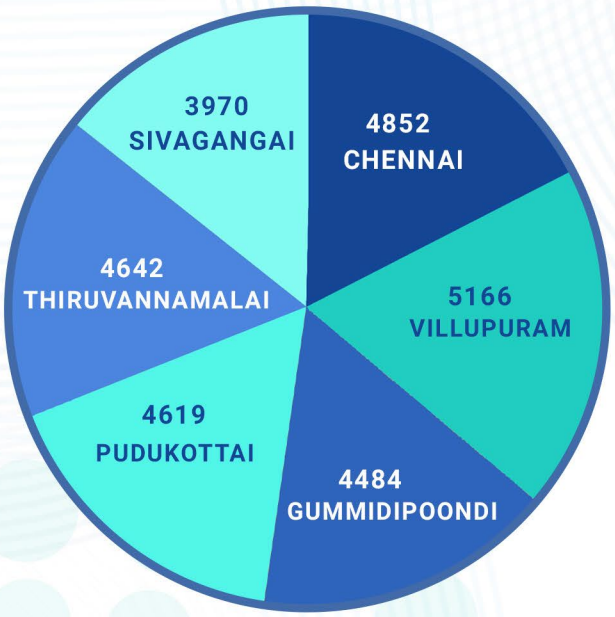
4500

HPV vaccine doses have been administered in Chennai and Villupuram

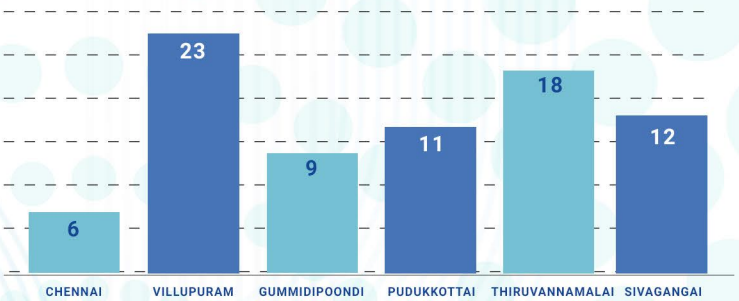
District Cancer Screening Program

The Institute initiated district cancer screening programs in Chennai in 2008 to improve the rates of early cancer detection. Additional programs were launched in Villupuram (2014), Gummidipoondi (2016), Pudukkottai (2018), Thiruvannamalai (2018), Sivagangai (2022).

27733 PEOPLE SCREENED ACROSS SIX DISTRICTS



CANCER / PRE-CANCER DETECTED



Advanced Therapies

The Cancer Institute (WIA), has been home to cutting-edge cancer therapies since its inception. Advanced therapies offered include autologous and allogenic bone marrow transplantation (BMT), robotic-assisted surgeries including Robotic Esophagectomy and Trans-Oral Robotic Surgery (TORS). The Institute also explores cutting-edge therapies like CAR-T cell therapy, supported by in-house leukapheresis facilities at the Blood Centre.

Bone Marrow Transplant Unit

The Institute runs one of the country's leading Bone Marrow Transplant (BMT) programs, offering life-saving treatment for blood cancers such as leukemia, lymphoma, and multiple myeloma, as well as select solid tumors and non-cancerous blood disorders. Uniquely, it is among the few charitable hospitals in India performing both haploidentical transplants—from donors with a 50% genetic match, often a parent or child—and fully matched transplants from siblings or registered volunteer donors. ***68 adult and 20 paediatric BMTs were performed in 2024-2025.*** The number of transplants performed has been steadily rising, reflecting the program's growing reach and expertise.

Robotic Surgeries

Since January 2021, Cancer Institute (WIA) has used the fourth-generation Da Vinci Xi Robotic Surgical System across all oncology subspecialties, funded by a ₹120 crore grant. This minimally invasive technology improves precision, reduces pain, infection, and blood loss, shortens hospital stays, and speeds recovery. ***The hospital has performed 421 robotic surgeries since 2021.***



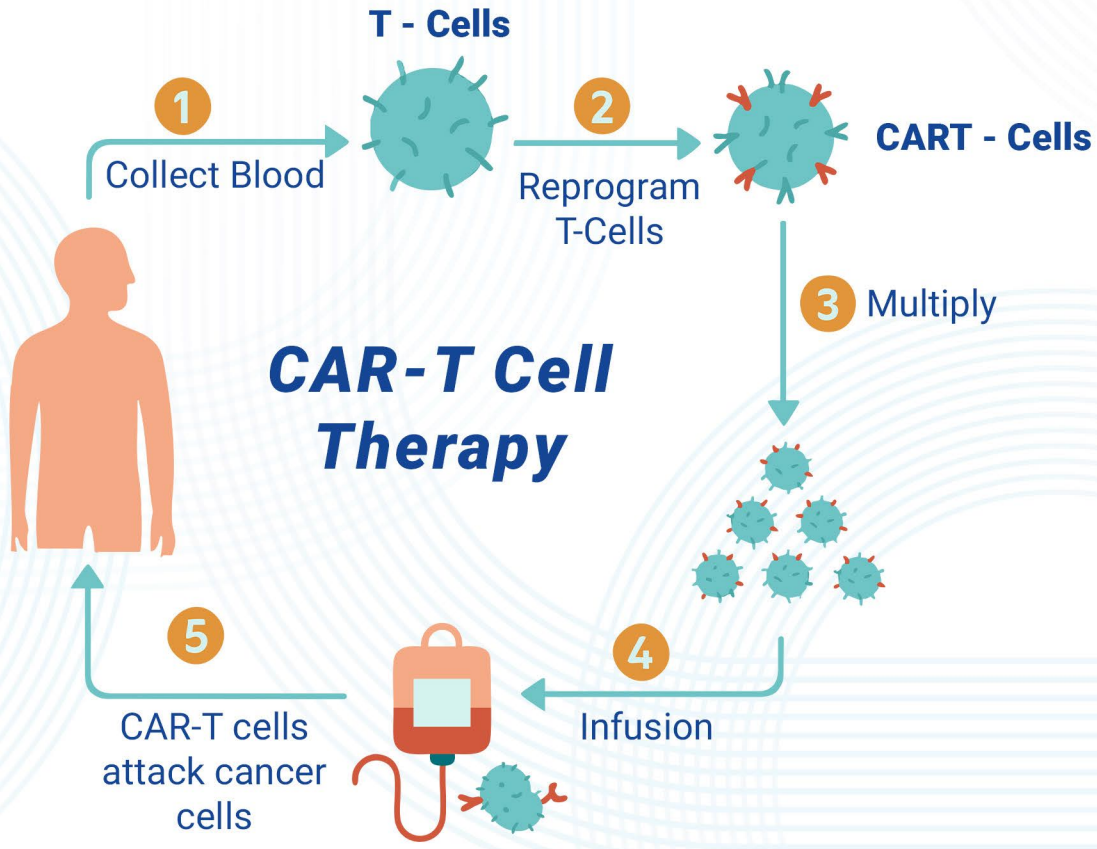
CAR-T Cell Therapy

CAR T-cell therapy is an advanced treatment that reprograms a patient's own immune cells to recognize and attack cancer. The Institute has performed the highest number of CAR-T cell therapies in Chennai, helping patients with relapsed/refractory B-cell lymphoma and acute leukemia. The Institute is working to make this breakthrough treatment more widely accessible.

OCTOBER 2020
First to offer CAR-T cell therapy in South India

MAY 2022
First centre in South India to deliver CAR-T cell therapy outside a clinical trial

APRIL 2024
First centre in Tamil Nadu to administer NexCAR19, India's indigenously developed CAR T-cell product



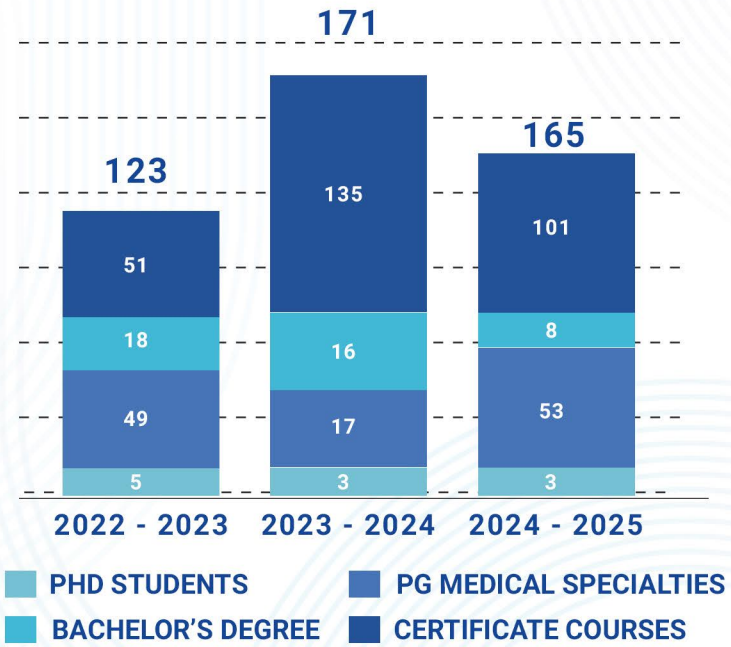
Training the Next Generation

The Cancer Institute (WIA) demonstrates a strong commitment to education and training through its comprehensive academic programs, primarily spearheaded by The College of Oncological Sciences. The Institute offers a wide array of National Medical Commission (NMC) recognized super-specialty and broad-specialty courses, including D.M. Medical Oncology, D.M. Onco-Pathology, M.Ch. Surgical Oncology, and M.D. Radiation Oncology, all affiliated with The Tamil Nadu Dr. M.G.R. Medical University.

Beyond these, it provides National Board of Examination in Medical Sciences (NBEMS) recognized courses such as D.N.B. in Palliative Medicine, D.N.B. in Radio Diagnosis, and F.N.B. Onco-Anaesthesia. Para-medical education is also a key focus, with four Bachelor's degree courses being offered. The Institute is recognized for Ph.D. programs by The University of Madras and Anna University. Additionally, it conducts certificate courses in Essentials of Palliative Care and Tobacco Cessation.

Affiliations

GRADUATION TRENDS (2022 - 2025)



New Fellowships Introduced

Two new fellowships (Onco-imaging and Breast imaging) by the Indian College of Radiology and Imaging were introduced in 2024.

Best Outgoing Students

For the period of April 2024 to March 2025, the Cancer Institute (WIA) recognized 9 best outgoing students :

- ***Dr. T Pragadeesh - D.M. Medical Oncology***
- ***Dr. Raksha R - M.Ch. Surgical Oncology***
- ***Dr. Swathi M - M.D. Radiation Oncology***
- ***Ms. Silpa K K - M. Phil. Psycho Oncology***
- ***Ms. Priya S - M.Sc. Radiotherapy Technology***
- ***Ms. Narmatha N - B.Sc. Radiotherapy Technology***
- ***Ms. Rithiga G - B.Sc. Radiography & Imaging Technology***
- ***Ms. Annes Christina I - B.Sc. Operation Theatre and Anaesthesia Technology***
- ***Mr. Asfaqahmed S - B.Sc. Nuclear Medicine Technology***

SCOPE 2025

A major highlight was SCOPE 2025, a mock practical examination organized by the department in collaboration with national surgical oncology associations. The event marked a milestone with the first-ever IASO Gold Medal awarded to the top performer, Dr. Pragadeesh from the Adyar Cancer Institute, who was also the university topper in the DM Medical Oncology Examination (February 2025 session) conducted by The Tamil Nadu Dr. MGR Medical University.



NEW ACADEMIC BLOCK

The new academic block was constructed on the 4th floor of the Diagnostic Complex, also known as the Bhagavan Adinath Jain Complex, with an approximate area of 9,200 sq. ft. The facility includes :

- **30-seat Classroom**
- **60-seat e-Classroom**
- **120-seat Examination Hall**
- **Offices**
- **Discussion Room**
- **Pantry**
- **Record Room**
- **Clinical Trial Services Unit (CTSU)**

This project was generously supported by the Sanmar Group and Super Auto Forge.



Today's Research, Tomorrow's Cure

The Institute stands as a pioneering leader in oncology research, focused on both fundamental and translational cancer research to improve patient outcomes. Nearly all clinical departments participate in research activities, in addition to the basic sciences work in molecular oncology and cancer biology. The Clinical Research Unit, oversees investigator-initiated and pharma/regulatory clinical trials across all departments. The Institute has been recognized by the Department of Biotechnology, Government of India, as an eminent centre in Oncology research under the BIRAC (Biotechnology Industry Research Assistance Council) initiative.

Research Grant Highlights

Early Detection of Cervical Cancer

A new project will study the use of a technique called Surface-Enhanced Raman Scattering (SERS)—which makes tiny chemical fingerprints on cells and tissues glow—in combination with artificial intelligence, to make cervical cancer diagnosis faster, more precise, and non-invasive.

Grant Value : 8 crores | Funding Agency : Indian Council of Medical Research (ICMR)

Impact of Air Pollution on Lung Cancer

To understand how air pollution may trigger lung cancer in people who've never smoked, researchers will test non-smoking lung cancer patients and their healthy family members for mutations in the EGFR gene, monitor biomarkers in blood, and monitor indoor air quality using special devices. By combining this health data with pollution levels, they aim to identify those at highest risk, so early detection and prevention efforts can be better targeted. The project was funded under the prestigious Grand Challenges India initiative.

Grant Value : ~ 60 lakhs | Funding Agency : Department of Biotechnology-Bill & Melinda Gates Foundation (DBT-BMGF)

Training Future Cancer Researchers

The Institute will lead the training of cancer researchers on state-of-the-art advanced multi-omics techniques in Molecular Oncology, supported by a new grant. The program will build research capacity in cancer genomics, proteomics, cell biology, immuno-oncology, and bioinformatics. Intensive, hands-on programs with expert faculty from academia and industry, will equip young scientists with state-of-the-art skills to drive future cancer research.

Grant Value : ~ 75 lakhs | Funding Agency : Indian Council of Medical Research (ICMR)

Technology Transfer

Luciferase assays are a widely used tool in molecular biology, however they can be quite expensive in India. The Institute's researchers have developed a luciferase assay that is ~40x cheaper than commercially available products, without compromising reliability and accuracy. This breakthrough is especially valuable for scientists in resource-limited settings, enabling important research that might otherwise be too expensive.

A patent has been applied for the CIWIA LUC Flash Assay Cocktail KIT, and expected to be granted in the near future.

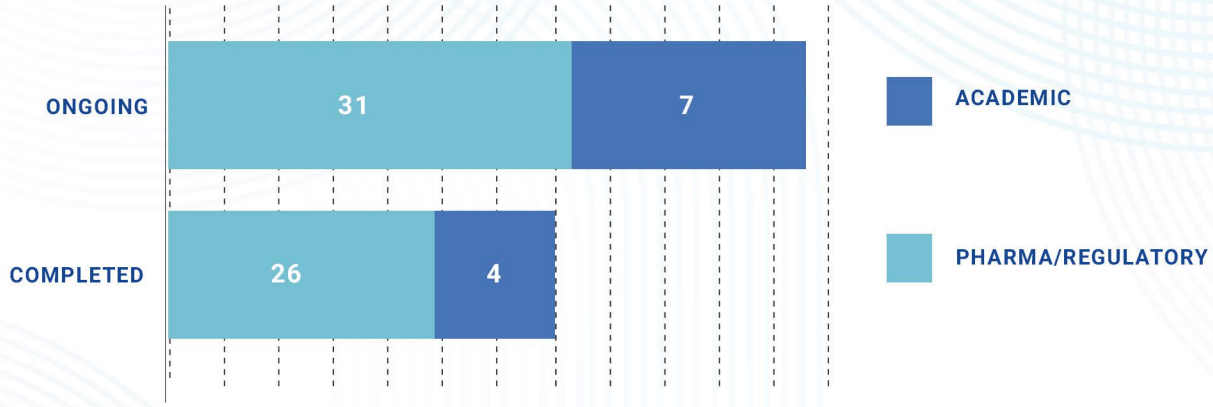


Clinical Trials - From Bench to Bedside

The Clinical Trials Services Unit (CTSU) continues to anchor the Institute's reputation as a leader in oncology research. Equipped with an 8-bedded trial ward, research pharmacy, and advanced storage facilities, it supports studies across phases II–IV. Adhering to global standards, it facilitates multi-centric collaborations, advances drug and device development, and drives studies across diverse cancers.

In 2024-2025, the unit expanded its impact with ***a 30-seat coordinator workstation, a new trial tracking system, and dedicated audio/video consenting rooms*** — all of which have boosted trial efficiency and compliance.

CLINICAL TRIALS BY THE NUMBERS



Research Publications

The Institute remains one of India's foremost contributors to national and international peer-reviewed oncology publications, spanning both clinical and basic science research. These contributions reflect the Institute's pivotal role in advancing cancer care, staying true to Dr. Krishnamurthy's vision that "Today's Research is Tomorrow's Cure."

The Institute's significant research efforts are disseminated through peer-reviewed publications in reputed national & international journals.

2024-2025 Statistics



NATIONAL PUBLICATIONS : 25



INTERNATIONAL PUBLICATIONS : 40

Technological Infrastructure - Powering Care and Cure

The Cancer Institute (WIA) is committed to delivering state-of-the-art treatment and cutting-edge protocols, aiming to provide unparalleled care to all cancer patients. This dedication extends to its technological infrastructure across various departments. In 2024–25, the institute added advanced diagnostic and therapeutic equipment care across multiple services.

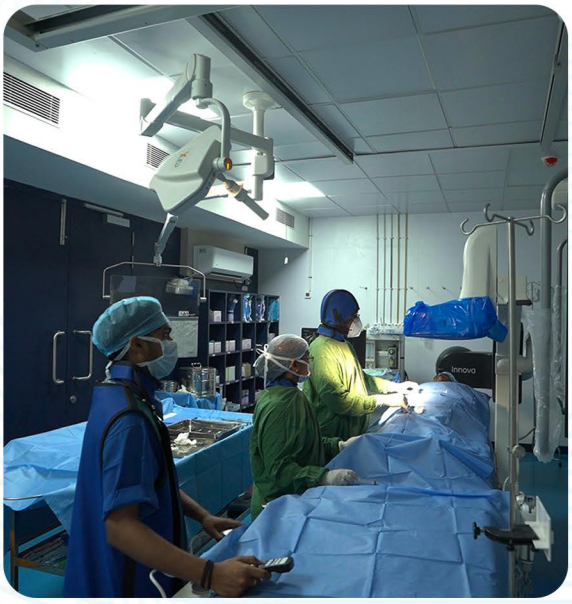
Endoscopy Suite

A state-of-the-art endoscopy theatre now streamlines gastroenterology and respiratory procedures within a single campus. Equipped with the latest endoscope and C-arm technology, it supports advanced minimally invasive diagnostics, early cancer detection, and international workshops, led by specialists in gastroenterology and pulmonology.

Cath Lab

The new Angiosuite Cath Lab at Cancer Institute (WIA) is equipped with a GE Innova IGS 540, the second installation in India, with advanced X-ray, IVUS, and thermal ablation technology. It enables minimally invasive treatments such as targeted chemotherapy and TARE, offering scarless procedures, fewer side effects, and same-day discharge, while also managing cancer-related complications like bleeding and blockages





MRI

The generous donation of over ₹5 crores, made through the Union Bank Social Foundation Trust, is intended to support the purchase of advanced medical equipment, including the 1.5 T MRI Scanner (Siemens Healthcare Pvt. Ltd.) and further enhance the quality of care provided to cancer patients.



Genetic Sequencing Platforms

The Institute marked a significant expansion of its genomic capabilities with the purchase and inauguration of two advanced sequencing instruments — the Illumina NextSeq 550 and the SeqStudio 4 Capillary Genetic Analyzer. These platforms support high-throughput next-generation sequencing and Sanger sequencing enabling comprehensive genomic and transcriptomic analyses for precision oncology.



CT Simulator

On 17th March, the Cancer Institute (WIA) launched a 4D CT Guided Simulator (SOMATOM go.Sim) in radiation oncology, funded by Mobis India Foundation with a ~6 crore CSR grant. The simulator provides real-time 4D imaging for precise radiation therapy, reducing damage to healthy tissue. It captures detailed anatomical and motion data, improving treatment accuracy and benefiting 15–20 patients daily, strengthening cancer care infrastructure and access to advanced therapy in India.



Raman System

The Renishaw inVia Raman Confocal Microscope, purchased through the ICMR Intermediate Project 2023 and inaugurated in February 2025, enables high-resolution molecular analysis of biological samples. It delivers reliable, ultrasensitive results for cancer diagnostics, including early detection of malignant lesions, with advanced applications in Surface-Enhanced Raman Scattering (SERS) for studying single living cells.



Donors & Volunteers : Together in Service and Hope

The Cancer Institute (WIA) is fortunate to be supported by thousands of donors whose contributions have been pivotal to achieving the Institute's mission and vision. In 2024-25, more than 2500 individual and institutional donors have provided financial support for patient care, and improvements in infrastructure and equipment. The Institute expresses its sincere gratitude to all our donors.

Major Donors

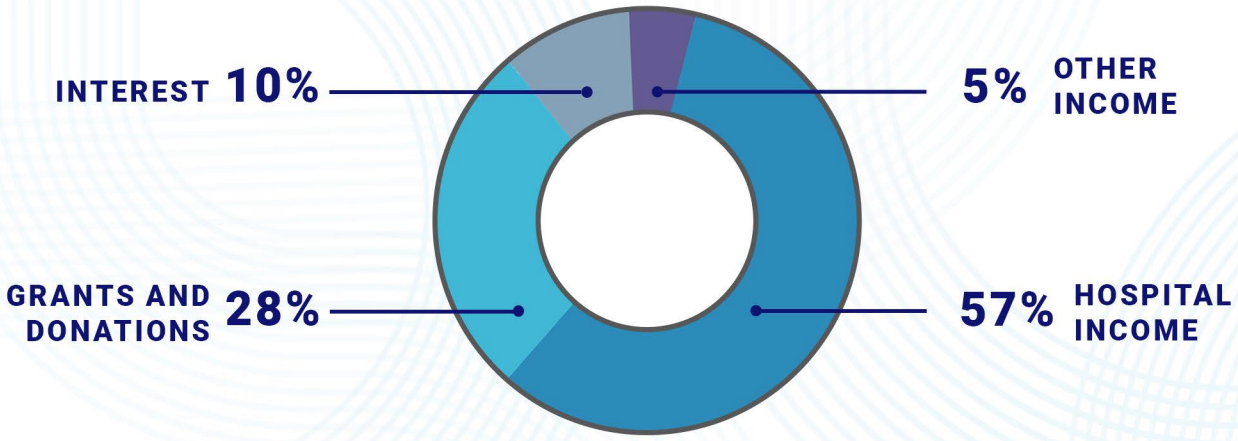
- Khazana Jewellery Pvt Ltd
- TCS Foundation
- Access Healthcare Services Private Limited
- Super Auto Forge Private Limited
- Mobi India Foundation
- Career Institute (WIAA) Foundation, Inc
- The Clearing Corporation of India Ltd
- Sun TV Network Limited
- The Sanmar Group CSR Trust
- Archean Chemical Industries Limited
- BNY Mellon Technology Private Limited
- Balasubramaniam J P
- LIC Golden Jubilee Foundation
- Spincotech Pvt Ltd
- Sujata Kumar
- Talamoni Prem Kumar
- Verizon Data Services India Private Limited
- Hyundai Transys Lear Automotive India Private Ltd
- RBL Bank Limited
- The Sathyanarayana Charitable Trust
- Rajalakshmi Srinivasan Charitable Trust
- Hema Ramasubbu
- Bharat Petroleum Corporation Limited
- Kotak Securities Limited
- The Sanmar Group CSR Trust
- Shree Sanat Jain Foundation Trust
- Estate of the Deceased Late Mrs Theyamma
- Hemavathy Sivaraman
- Sai Baba Chemicals Private Limited
- FLYFACT Private Limited
- Natesan Synchrocones Pvt Ltd
- Velumani T R
- Devarajan R
- Paraswathy G
- Imperial Granites Private Limited
- Delphi TVS Technologies Ltd
- GPS JEWELLERY INDIA PVT LTD
- IGP Engineers Pvt Ltd
- Lalitha K S
- Vara Venture LLP
- GTF Finance Limited
- Embedur Systems (India) Private Limited
- Pattabiraman R
- Koturki K Meshari
- Care & Serve Inc, Australia
- Heat and Control South Asia Pvt Ltd
- West Pharmaceutical Packaging India Pvt Ltd
- Coronil Club Solutions Pvt Ltd
- Kun Capital Automotive Pvt Ltd
- Springfeel Polyurethane Foams Private Ltd
- Rajagopal R
- Lakshmi Velumani
- Ramesh A
- Inforedox India Private Limited
- Muthukumar R
- Radial Omnichannel Technologies India Pvt Ltd
- Wadex Pharmaceuticals Pvt Ltd
- Krishna Kumar Radha
- Kartharthy M M S
- A V Thomas & Co., Ltd
- Anantha Mining Pvt Ltd
- Blue Gear Engineering + Electronics
- Gilbarco Veeder Root India Private Ltd
- F K A Tencor Software India Private Ltd
- Prerna Swamy
- True Value Homes India Private Limited

Powered by Volunteer Spirit

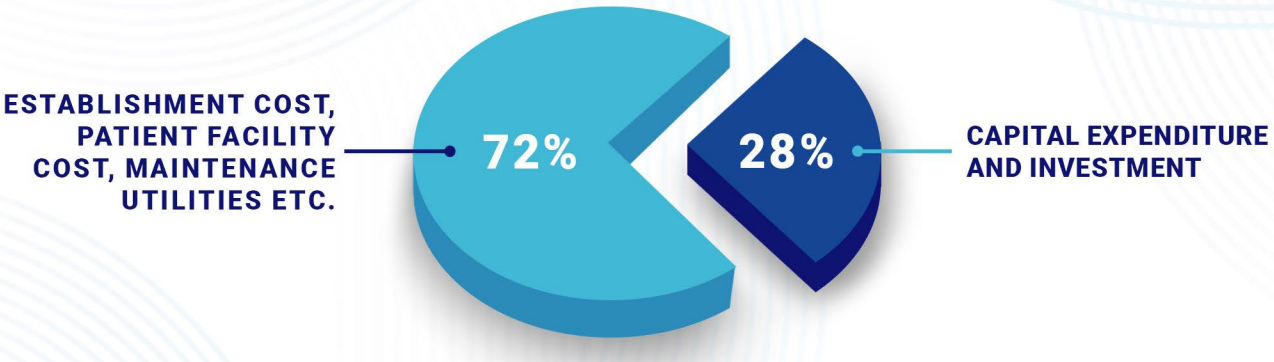
This fiscal year, over 50 new volunteers joined the Institute, bringing passion and dedication to their service. Our volunteer community includes survivors as well as those who serve in loving memory of family members or friends affected by cancer. Many of our volunteers have been with us for more than 25 years, a testament to their unwavering commitment. They come from diverse walks of life, including ex-servicemen, bankers, homemakers, teachers, artists, software professionals, and more.

Financial Overview (2024 - 2025)

SOURCE OF FUNDS



UTILISATION OF FUNDS



Support Services

The Institute's support services ensure efficiency in day-to-day functioning, making it possible for us to extend comprehensive, equitable cancer care to all.

Support services include :

- Biomedical Engineering
- Central Sterile Supply Department
- Dietetics
- Facility Management
- Finance, Accounts, Insurance & Cash
- Gas Plant
- Library
- Linen Management
- Medical Stores
- OPD & Ward Secretaries
- Purchase
- Quality

Editorial Team

Cancer Institute (WIA) - Mrs. Varalakshmi Vijayakumar, Ms. S. Ajitha
RxStory - Mr. Arvind Suresh and Team

Designed by RxStory

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