

## Cancer Center Facts

“With more than four decades of consecutive accreditation by the National Cancer Institute as one of the nation’s very few **designated comprehensive cancer centers**, we appreciate the trust of our patients and families throughout New Hampshire and Vermont. Though DCC is among the nation’s finest, we are truly, neighbors taking care of neighbors.”

Steven Leach MD, DCC Director

### Number of Patients

- **3,400+ new cancers diagnosed annually**
- **24,000 patients treated annually**

### Professional Staff

- **163 Cancer Center Members** are senior investigators doing research across the breadth of cancer biology, prevention, and treatment
- **200+ cancer specialists** in diagnostics, medical oncology, hematology, nutrition, social services, bone marrow transplantation, radiation oncology, surgical oncology, psycho-oncology, palliative care, and genetic counseling
- **144 oncology nurses** coordinate patient services and support, which includes 20 masters-trained Advanced Practice Registered Nurses (APRN) and a Physician Assistant (PA) that engage in research and education to ensure Center-wide excellence in oncology nursing

### Clinical Oncology Groups

Care is delivered through 17 interdisciplinary oncology programs. Each patient’s individualized treatment plan is designed by the appropriate experts that may include oncologists, surgeons, radiation-oncologists, radiologists, pathologists, nurses, dietitians, therapists, social workers, and other specialists.

Blood and Marrow Transplant	Breast
Cutaneous lymphoma	Endocrine
Gastrointestinal	Genitourinary/Prostate
Gynecologic	Head and Neck
Spine	Lymphoma/Leukemia
Melanoma	Molecular
Neuro-oncology	Pediatric oncology
Pituitary	Sarcoma
Thoracic/Lung	

### Clinical Cancer Care

- Full screening services and diagnostics
- Advanced treatments for all forms of cancer
- **17 interdisciplinary oncology programs**; each patient’s case is considered by a team of oncologists, surgeons, radiologists, nurses, and other specialists who collaborate on individualized treatment programs
- **16 locations** at regional centers in Keene, Lebanon, Manchester, and Nashua, NH, and St. Johnsbury, and Bennington, VT, and in partnership with community hospitals in Claremont, Lancaster, Littleton, New London, Peterborough, and Plymouth, NH and Brattleboro, Springfield, White River Junction and Windsor VT
- Collaboration with patients’ community physicians
- Broad program of clinical trials of new therapies
- Phase I Clinical Trials Program develops new treatment protocols linking research to clinical care
- Familial Cancer Program offers comprehensive cancer genetic services including family history analysis, risk assessment, genetic testing and counseling, and prevention recommendations
- Patient and family-centered cancer care across the continuum, and survivorship support including a range of services, survivor care, and palliative care
- DCC’s Transplant and Cellular Therapy (TCT) Program, formerly known as the Blood and Marrow Transplant Program, is now offering Chimeric Antigen Receptor (CAR) T-Cell Therapy in addition to its longstanding autologous and allogeneic hematopoietic stem cell transplants in the inpatient setting.
- Molecular Tumor Board
- Hematology/Oncology Fellowship Program, training the next generation of oncologists

### Research

- Core Funding from the National Cancer Institute (NCI): \$3.1 million/year, 40 consecutive years of funding
- Research Funding to Cancer Center Members: \$55 million in National Institute of Health (NIH), NCI, and other grants and contracts

## 250+ Research Projects in 4 Research Programs

- Cancer Population Sciences
- Cancer Signaling, Genomes, and Networks
- Translational Engineering in Cancer
- Immunology and Cancer Immunotherapy

## Clinical Trials

The Cancer Center has more than 170 active and enrolling clinical trials, including Cancer Center-initiated clinical trials, national multi-center trials, and pharmaceutical-funded trials

## Clinical Trials Affiliations

The Cancer Center is a main member in national networks of researchers and institutions participating in collaborative clinical trials:

- **Alliance** – Consolidation of American College of Surgeons Oncology Group (ACOSOG), Cancer and Leukemia Group B (CALGB), and North Central Cancer Treatment Group (NCCTG)
- **COG** Children's Oncology Group
- **ECOG-ACRIN** Consolidation of Eastern Cooperative Oncology Group (ECOG) and American College of Radiology Imaging Network (ACRIN)
- **NRG Oncology** Consolidation of National Surgical Adjuvant Breast and Bowel Project (NSABP), the Radiation Therapy Oncology Group (RTOG), and Gynecologic Oncology Group (GOG)

The Cancer Center is also a member of

- **CITN** Cancer Immunotherapy Trial Network

## Facilities

- The Barbara E. Rubin Building (2003) at Dartmouth-Hitchcock Medical Center (DHMC) houses clinical space for outpatient care, treatment with radiation therapy and chemotherapy, cancer prevention research activities, and administrative offices
- Full-service inpatient oncology care unit (28 beds) at DHMC; nine beds dedicated to the Blood and Marrow Transplant Program
- Research Laboratories in the Borwell Research Building at DHMC
- Remsen and Vail Research Laboratories at Dartmouth College in Hanover NH
- The Williamson Translational Research Building (2015) houses Geisel research teams including cancer science, the Center for Clinical Genomics and Advanced Technology, the departments

of Biomedical Data Science and Epidemiology, and the Dartmouth-Hitchcock Health System Clinical Pathology Department

- Shared Resources serve research needs in Bioinformatics, Biostatistics, Clinical Pharmacology, Genomics and Molecular Biology, Immune Monitoring and Flow Cytometry including Dart Lab, Irradiation, Pre-clinical Imaging, and Microscopy, Mouse Modeling, Office of Clinical Research, Pathology Shared Resource, and Trace Element Analysis.

## Regional and National Role

- One of 73 institutions nationwide designated as a Comprehensive Cancer Center by the National Cancer Institute
- Broad programs of community outreach, education, information, and support
- Continuing education and consultation for physicians and cancer care professionals throughout the region
- Affiliations with national service agencies such as the American Cancer Society
- Preventing cancer in the catchment area via National Cancer Institute support for a National Outreach Network Community Health Educator

## Community Support

The Cancer Center is supported by the Joint Development Office, a comprehensive development team focused on community engagement and fundraising. The Friends of Dartmouth Cancer Center, a community group formed in 1982, is dedicated to raising awareness and funds. In 2011, a Friends South group was formed in the Manchester-Nashua region. Together, the development team raises more than \$10M annually.

## Cancer Help Line: (800) 639-6918

Provides information about cancer treatment, clinical trials, prevention programs, support services, events, and other resources

## Leadership

Steven D. Leach, MD Director

Dartmouth Cancer Center Dartmouth Health

Professor of Molecular and Systems Biology

Preston T. and Virginia R. Kelsey Distinguished Chair in Cancer  
Geisel School of Medicine at Dartmouth