



## Clinical Cancer Care

- Full screening services and diagnostics
- Advanced treatments for all forms of cancer
- Most frequent cancers at the Cancer Center:
  - Breast 15%
  - Gastrointestinal 13%
  - Skin 17%
  - Lung 13%
- 17 interdisciplinary oncology programs; each patient is considered by a team of oncologists, surgeons, radiologists, nurses, and other specialists who collaborate to recommend individualized treatment programs
- Care provided close to home through regional centers in Keene, Lebanon, Manchester, and Nashua, NH, and St. Johnsbury, and White River Junction, VT, and in partnership with community hospitals in Claremont, Lancaster, Littleton, New London, Peterborough, Plymouth, and Woodsville, NH and Bennington, Brattleboro, Newport, and Springfield, VT
- Close collaboration with each patient's community physician
- Broad program of clinical trials of new therapies
- Phase I Clinical Trials Program develops new treatment protocols that link the latest Cancer Center 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 from diagnosis to death, and survivorship support including a range of services, survivor care, and palliative care
- Blood and Marrow Transplant Program offering autologous and allogeneic transplants in inpatient and outpatient settings
- Hematology/Oncology Fellowship Program, training the next generation of physicians

## Community Support

The Friends of Norris Cotton Cancer Center is a community support group that was formed in 1982 to raise money and awareness for Norris Cotton Cancer Center. In 2011, a Friends South group was formed in the Manchester-Nashua region. The Friends groups raise more than \$2.75 million annually for research and patient services at this world-class cancer facility

## Leadership

Mark A. Israel, MD, Director  
Professor of Genetics and of Pediatrics  
Geisel School of Medicine at Dartmouth

## Professional Staff

- More than 150 investigators pursue research studies in cancer biology, causes, prevention, and treatment
- More than 200 cancer specialists work in the areas of diagnostics, medical oncology, hematology, nutrition, social services, blood and marrow transplantation, radiation oncology, surgical oncology, psycho-oncology, palliative care, and genetics counseling
- More than 90 oncology nurses coordinate patient services and support, and masters-trained Advanced Practice Registered Nurses (APRN) engage in research and education to ensure center-wide excellence in oncology nursing

## Clinical Oncology Groups

Care is delivered through interdisciplinary programs focused on specific types of cancer:

- Breast
- Endocrine
- Gastrointestinal
- Genitourinary/Prostate
- Gynecologic
- Head and Neck
- Lymphoma/Leukemia
- Melanoma/Skin
- Neuro/Brain
- Pediatric
- Sarcoma
- Spine
- Thoracic/Lung

**Norris Cotton Cancer Center combines advanced cancer research at The Geisel School of Medicine at Dartmouth College with patient-centered cancer care at Dartmouth-Hitchcock Medical Center**



# Dartmouth-Hitchcock NORRIS COTTON CANCER CENTER

## Number of Patients

- More than 3,700 new cancers diagnosed in our system annually
- More than 31,000 patients served annually

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

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

## Research

- Core Funding from the National Cancer Institute: \$3.1 million/year (More than 30 consecutive years of funding)
- Research Funding to Cancer Center Members: \$62 million in National Institute of Health (NIH), NCI, and other grants and contracts

## 200+ Research Projects

- Cancer Epidemiology
- Cancer Control
- Molecular Therapeutics
- Cancer Mechanisms
- Cancer Immunology and Immunotherapy
- Cancer Imaging and Radiobiology

## Clinical Trials

The Cancer Center has over 150 open clinical trials, including Cancer Center-initiated clinical trials, national multi-center trials, and pharmaceutical-funded trials

## Clinical Trials Affiliations

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

- Alliance for Clinical Trials in Oncology (CALGB, ASCOSOG, NCCTG)
- Cancer Immunotherapy Trial Network (CITN)
- Children's Oncology Group (COG)
- Eastern Cooperative Oncology Group (ECOG)
- Gynecology Oncology Group (GOG)
- New England Oncology Network (NEON)
- RTOG (Radiation Therapy Oncology Group)

## Facilities

- The Barbara E. Rubin Building (1995) at DHMC houses clinical space for outpatient care (radiation therapy and chemotherapy), cancer prevention research activities, and administrative offices
  - The Rubin Building expansion, completed in 2003, doubled the size of the Cancer Center and provided four floors of additional space for clinical care, basic and translational research, and cancer prevention and control
  - Full-service inpatient oncology care unit (28 beds) at DHMC with nine beds dedicated to blood and marrow transplant
  - Research Laboratories in the Borwell Research Building at DHMC
  - Remsen and Vail Research Laboratories in Lebanon, and at Dartmouth College in Hanover and Centerra Park
  - Currently under construction and proposed to open in the Fall of 2015 is the Williamson Translational Research Building, five of the six floors will house Geisel research teams while one floor will be occupied by DHMC Clinical Pathology Department
  - Shared Resources serve research needs in bioinformatics, biostatistics, clinical pharmacology, office of clinical research, genomics, geospatial resource, immunoassays and flow cytometry, irradiation and small animals imaging, molecular biology, optical cellular imaging, pathology, speed congenics, trace elements analysis and transgenics
- ## Regional and National Role
- One of 41 institutions nationwide designated as a Comprehensive Cancer Center by the NCI
  - One of nine Centers of Cancer Nanotechnology Excellence
  - 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