



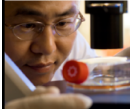

Moffitt's Singular Mission


"...To contribute to the prevention & cure of cancer."

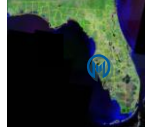
- Statutorily created (1004.43, F.S.) in 1981 as free-standing instrumentality of state


Legislative Intent: to serve as "statewide research institute" and "perform a statewide function" (Chapter 90-56; 93-167 - Laws of Florida)

- Cigarette tax revenue used for original design, construction and equipment (\$50M). Annual-line item appropriation continues.
- 25th Anniversary October 2011









Multidisciplinary from the Beginning

Scientific Programs

Molecular Oncology
 Drug Discovery
 Immunology/Immunotherapy
 Experimental Therapeutics
 Health Outcomes & Behavior
 Risk Assessment, Detection & Intervention



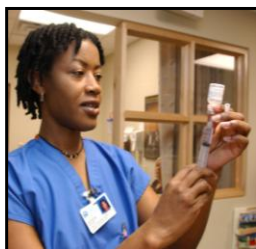
Clinical Programs

Blood & Marrow Transplantation
 Comprehensive Breast Cancer
 Cutaneous Oncology
 Endocrine
 Gastrointestinal Tumor
 Genitourinary Oncology
 Gynecologic Oncology
 Head & Neck Oncology
 Malignant Hematology
 Neuro-Oncology
 Palliative Care
 Sarcoma
 Senior Adult Oncology
 Thoracic Oncology



Focus on Translation

- Large patient population
- Strong Clinical Trials infrastructure
- Scientific integration
- Specialized facilities



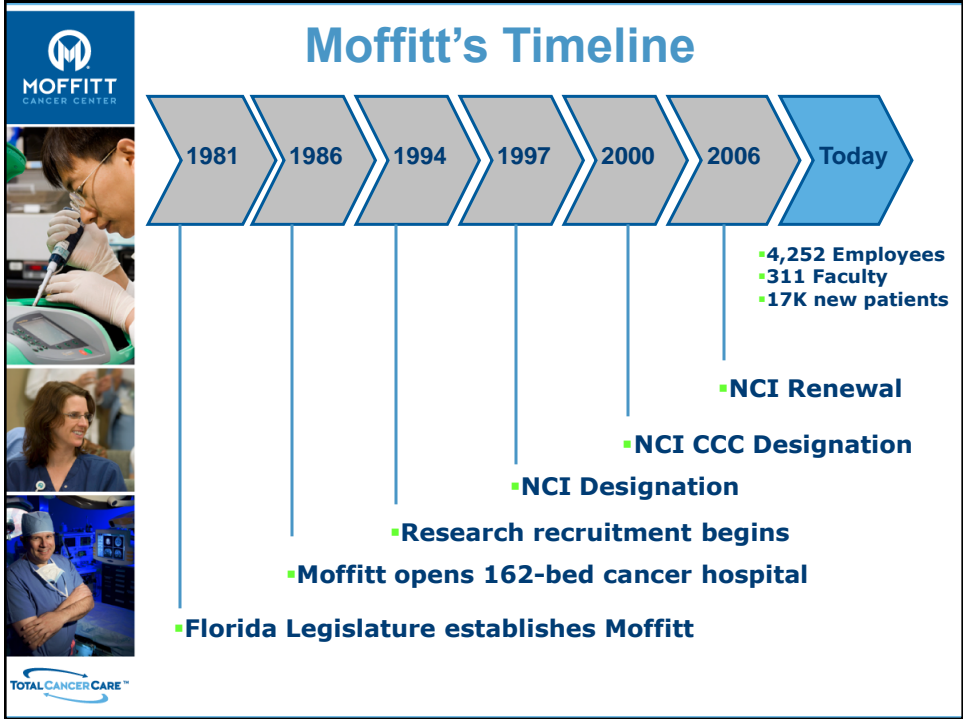
Clinical Research Unit

- Specialized unit for Phase I & early Phase II clinical trials
- Supports projects with intensive pharmacokinetics & correlative laboratory studies
- Highly trained RN staff



Cell Therapies Core

- State-of-the-art, FDA approved facility
- Apheresis lab
- Cell processing/HPC lab
- Cell engineering Lab
- Immune monitoring lab
- cGMP, cGTP compliant





Total Cancer Care



• Will provide an approach to identify the **best treatment for individual patients** based on clinical and biological characteristics of a patient's cancer to optimize outcome.



• Integrates **new technologies** into the standard of care in an **evidence-based** fashion to personalize treatment and improve individual outcomes.



• Addresses cancer as a **public health issue** and seeks to improve **access, affordability and quality of care** by creating an information system to assist in making clinical decisions based on outcomes and comparative effectiveness.



• Creates a **network of health care providers and researchers** who contribute and share information from individual patients to ultimately improve care of patients from Florida and beyond.



Why Personalized Medicine?



“...when doctors can truly prescribe the right treatment, to the right person, at the right time, we will have a new level of precision and effectiveness that will provide the knowledge-driven power that is necessary to achieve our highest goals in healthcare reform—including more effective disease prevention and early disease detection.”



HHS Secretary Kathleen Sebelius

Written testimony given during Senate confirmation hearings, April 2, 2009



Total Cancer Care Initiative: The Approach for Cancer



IRB Approved 2006

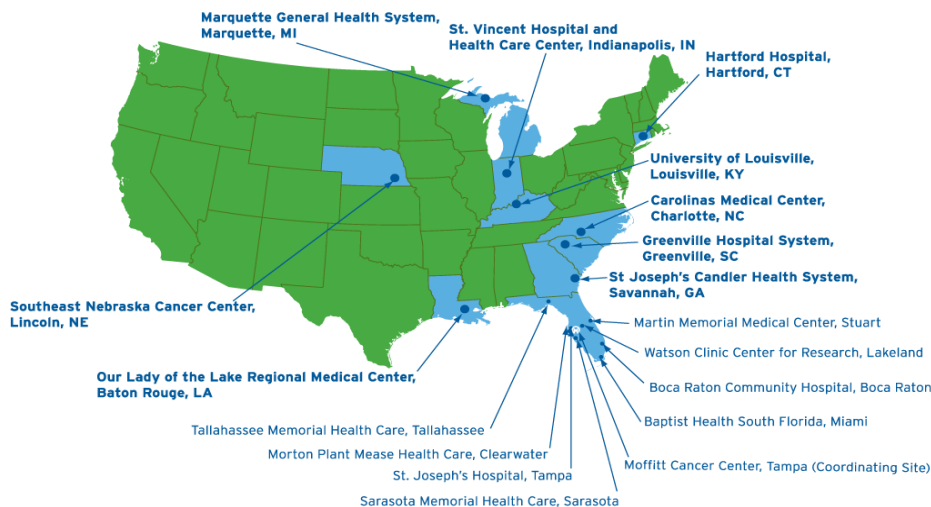
The Total Cancer Care Protocol

- Can we follow you throughout your lifetime?
- Can we study your tissues using molecular technology?
- Can we recontact you?

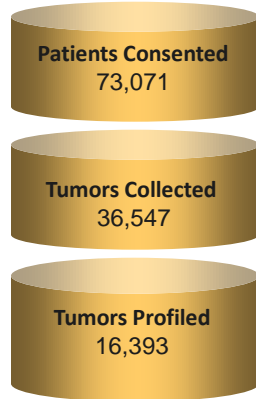


Total Cancer Care Initiative:

Total Cancer Care™ Consortium - 19 sites



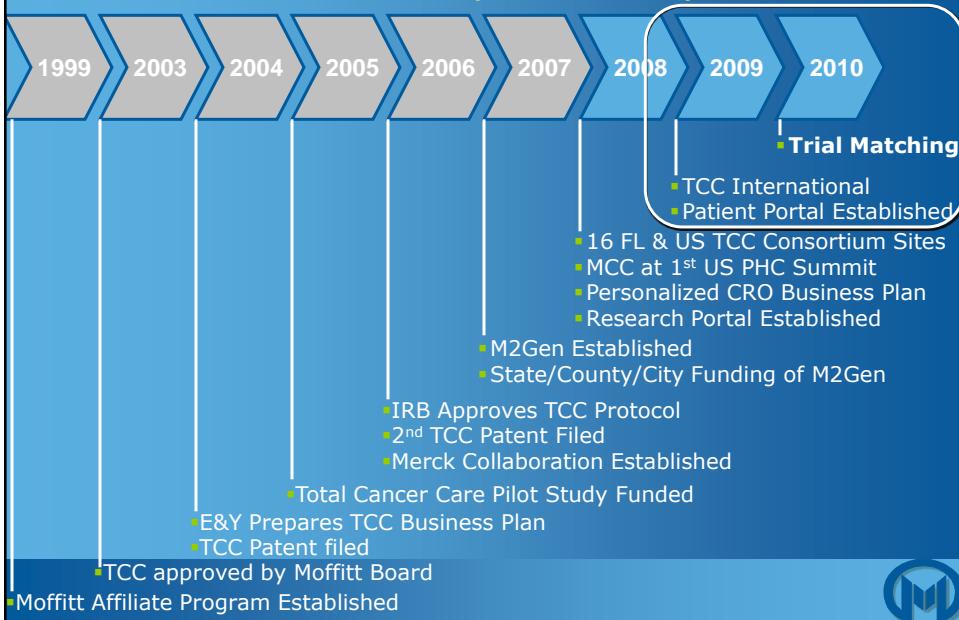
Total Cancer Care Initiative: Progress To Date



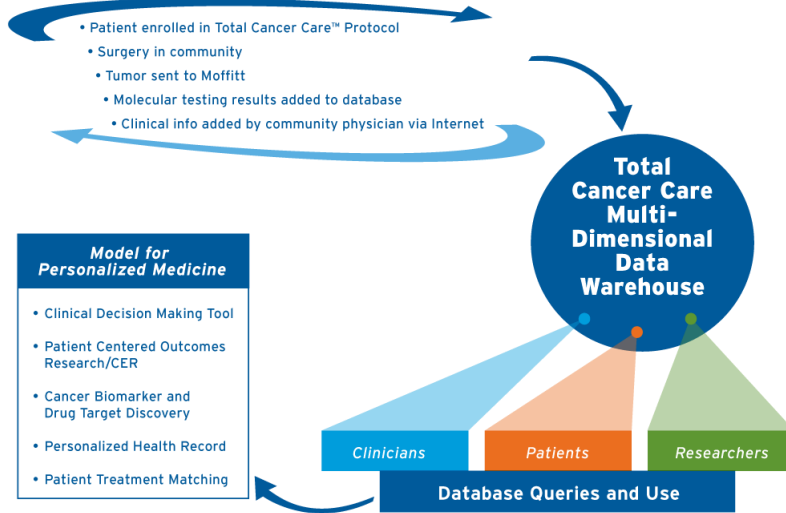
As of March 31, 2011



Total Cancer Care – Major Milestones "From Concept to Reality"

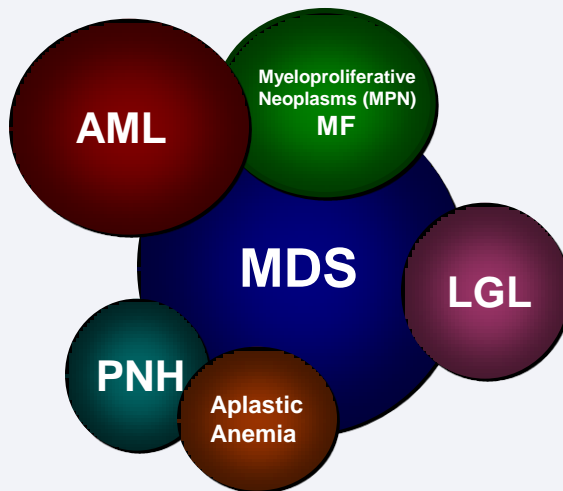


Clinical Decision Tool, 2012: A Breast Cancer Patient from Pensacola

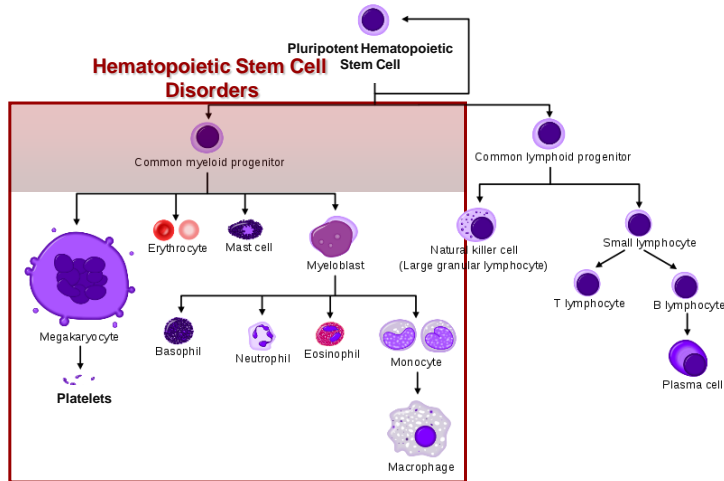


Hematopoietic Stem Cell Disorders

Overlapping Presentation & Derivation



Hematopoietic Hierarchy of Blood Cell Maturation

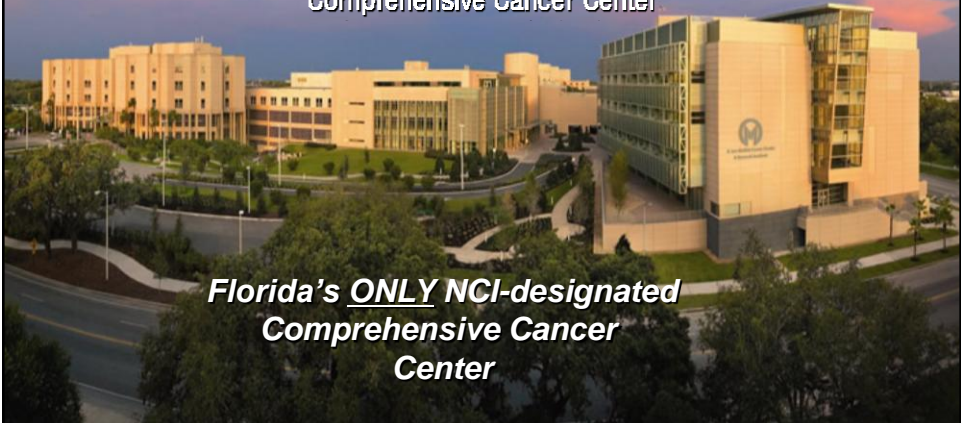


H. LEE
MOFFITT
 Cancer Center & Research Institute



The End Of Cancer Begins Here.

A National Cancer Institute
 Comprehensive Cancer Center



Florida's **ONLY** NCI-designated
 Comprehensive Cancer
 Center