

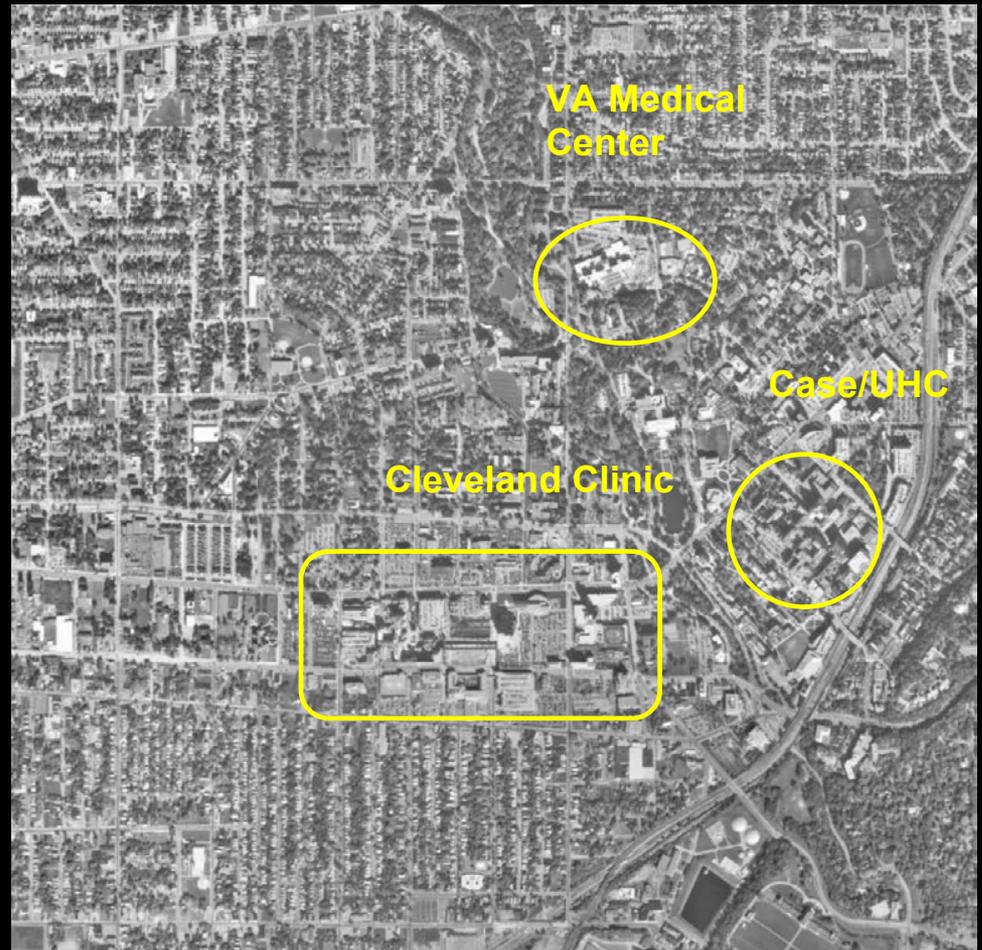
***Biotechnology and the
Cleveland-wide Academic Medical Center:
Vision for the Future***

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City Wide Medical Collaboration

Case is an academic medical center with ties to all major hospital systems, a situation that does not exist in any other major American city:

- University Hospitals of Cleveland
- The Louis Stokes Veterans' Affairs Medical Center
- The Cleveland Clinic Foundation



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- MetroHealth Medical Center



Research Initiatives

- Combined Research Initiatives at Case, UHC, Metro, CCF, and the VA earned \$280 million in NIH funding in FY 2003
- Case/Cleveland Academic Medical Center 10th in the nation according to NIH rankings

Case/Cleveland Academic Medical Center: Added Value of Collaboration

Partnerships that leverage individual institutional expertise:

- Case Comprehensive Cancer Center
- Center for Stem Cells and Regenerative Medicine
- Translational Genomics
- Functional Electrical Stimulation Center
- Cleveland Center for Structural Biology
- Among others...

Case/Cleveland Academic Medical Center

Resources in common with other regions:

- *Excellence in the basic sciences*
- *Strong research infrastructure*
- *Vibrant clinical programs in a consolidated health care market*

Together, institutions comprising the present Case/Cleveland Academic Medical Center:

- Provide over 4 million inpatient and outpatient services to Cleveland-area residents each year
- Have approximately 3,000 bed capacity
- Directly employ over 15,000 people in the Cleveland area
- Indirectly employ an additional 5,000 individuals
- Have an economic impact of nearly \$2.5 billion on the State of Ohio



Case/Cleveland Academic Medical Center: At the Forefront of Clinical Care

University Hospitals of Cleveland

- Nationally ranked by *U.S. News & World Report* in 14 of 17 specialty areas
- Rainbow Babies and Children's Hospital ranked 6th in the nation

Cleveland Clinic Foundation

- Ranked 5th overall in the nation by *U.S. News & World Report*
- Ranked 1st in the nation in heart medicine and heart surgery

MetroHealth Medical Center

- One of the nation's leading public safety-net hospitals

Case/Cleveland Academic Medical Center

Resources Unique to Cleveland

- Potential to link clinical information across all hospital systems
- EPIC patient information system in
 - Cleveland Clinic
 - MetroHealth Medical Center
 - VA Medical Center
 - Kaiser
- Capacity to develop genomic/tissue and clinical databases (“Personalized Medicine”)

Challenges of “Personalized Medicine”

- Common informatics platforms and interoperability of electronic medical records
- Human subjects considerations

Case/Cleveland Academic Medical Center

VISION FOR THE FUTURE

City-wide collaborative partnerships among medical school and hospital systems

Leverage investments in biomedical infrastructure and faculty, as well as national prominence in research and clinical care

Become the *only* academic medical center in the nation with cutting-edge research in science and technology linked to city-wide and national patient databases (“Personalized Medicine”)