Southeast Perspective View

THE INSTITUTE FOR BIOLOGICAL AND TRANSLATIONAL THERAPIES
Institute for Biological & Translational Therapies

FIRST FLOOR
• Preclinical Surgical and Interventional Hybrid OR
• Minimally-Invasive Training Facility
• Imaging Center

SECOND FLOOR
• Modular Bench Laboratories
  (Biological & Regenerative Therapies)

THIRD FLOOR
• Conference Center
• Models & Simulator Training Room
1st Floor
- Surgery suites
- Teaching lab
- Imaging center

2nd Floor
- Laboratories
- Offices

3rd Floor
- Conference Ctr
- Models Room
- Offices
A GIFT IN SUPPORT OF THE FRANKEL CVC
HYBRID OPERATING ROOM
OPENING 2015

BENEFITING HEART VALVE REPAIRS AND SURGICAL TREATMENTS OF ARRHYTHMIAS AND AORTIC ANEURYSMS

1,200–1,500 SQ. FT
TACKLE THE DEEPEST RESEARCH
ADVANCED MEDICAL IMAGING ENABLES FASTER, MORE ACCURATE DIAGNOSIS
HYBRID PROCEDURES COMBINE INTERVENTIONAL AND SURGICAL THERAPIES
SIMULTANEOUS IMAGING, OPEN-ACCESS SURGERY PERFORMED IN THE SAME SURGICAL SUITE
Next-Generation Therapies

Biological Therapies
Regenerative Therapies
Stem Cells
Engineered Tissues & Organs

Minimally-Invasive Surgery
Endoscopic Surgery
Image-guided Interventions
Robotic Surgery
Translational Research
bench top-to-bedside

Basic Research

Pre-Clinical Research
- normal animal
- animals with induced disease

Human Clinical Trials
(Phase I & II)

Veterinary Clinical Trials
- animals with natural disease

New Human Therapy / Device

New Veterinary Therapy / Device

Human Pathway
Veterinary Pathway
Veterinary-to-Human Trial Pathway