

Tampa General, Sarasota Memorial Hospital, Bayfront Medical Center, Blake Medical Center and Winter Haven Hospital have comprehensive inpatient rehab programs accredited by the Commission on Accreditation of Rehabilitation Facilities (CARF).

Women & Children

Comprehensive services are located throughout the Tampa Bay area. A smaller number of hospitals offer fetal medicine programs for women with high risk pregnancies and Level III neonatal intensive care units for acutely ill or premature babies. Unique services include:

Fetal surgery at St. Joseph’s Women’s Hospital to correct certain serious abnormalities before birth.

A regional pediatric referral center for heart , kidney and bone marrow transplantation, pediatric immunology, cancer, cystic fibrosis, cardiology, neurosurgery, genetics, cleft palate and craniofacial disorders at All Children’s Hospital. Tampa General also offers pediatric kidney transplantation.

Tampa Shriners Hospital offers free pediatric orthopedic services, including treatment for hand disorders, hip disorders, leg length discrepancies, limb deficiencies, metabolic bone disease, neuromuscular disorders, scoliosis, skeletal growth abnormalities and spina bifida/myelodysplasia.

Teaching Hospitals

Thirteen Tampa Bay hospitals are teaching facilities for new physician graduates pursuing further training through residency programs in their chosen specialty – all under the guidance of experienced physician specialists and faculty members.

Transplantation

Three Tampa Bay hospitals are transplant centers. Pediatric heart and kidney transplants are performed at All Children’s Hospital, while adult heart, lung, kidney, liver and pancreas transplants, and pediatric kidney transplantation are offered at Tampa General Hospital. The largest blood and bone marrow transplant program in the Southeast is located at H. Lee Moffitt Cancer Center & Research Institute.

Trauma Centers

Tampa Bay has four adult trauma and two pediatric trauma centers for immediate life-saving care 24/7. The military’s Special Operations Command Medics gain first-hand experience in trauma and emergency care at Bayfront Medical Center and Tampa General Hospital. Those hospitals also offer aeromedical emergency helicopter programs.



Education

Education is the key to careers in healthcare, business and technology. Tampa Bay public and private universities, community colleges and training schools prepare students well for the future.

Medical Schools

Three medical schools have a presence in Tampa Bay – USF College of Medicine, Florida State University College of Medicine and Lake Erie College of Osteopathic Medicine. More than 2,400 physicians have graduated from USF since it opened in 1974, and over half pursue further training in physician residency programs at affiliated USF hospitals.

Nursing Schools

Tampa Bay has a nursing program to meet every person’s need. The USF College of Nursing offers undergraduate, master’s, and doctoral level nursing degrees, as well as a post master’s certificate program for advanced registered nurse practitioners. Three private colleges also offer nursing degrees – the University of Tampa has bachelor and master’s level nursing programs, and Florida Southern College and Keiser College have undergraduate degrees. Numerous community colleges and technology schools also offer nursing programs including St. Petersburg College’s new four-year program.

Health Care Professions

The USF College of Public Health was the first of its kind in Florida and continues to be one of only 33 accredited programs nationwide. St. Leo’s College in Pasco County offers a four-year health services management degree for health care professionals pursuing an administrative career path. The Brandon campus of Hillsborough Community College offers a new medical products development curriculum.

High School Programs

Many high schools offer specialized academic programs in healthcare and technology. These schools include the Center for Advanced Technologies; Center for Wellness and Medical Professionals; Math, Science, Technology & Engineering, The Academy of Health Professions; and Academy for Information Technology.



Tampa Bay. Florida’s Center
For Healthcare and
Medical Technology Excellence.



Tampa Bay is a center of excellence for hospitals, research and medical-related firms – and the gateway to the Florida High-Tech Corridor, a 21-county area that is home to more than 3,000 high-tech companies.

Vital Statistics

- Nationally ranked top 20 cluster for medical device manufacturing
- Site of one of 38 NCI designated Comprehensive Care Centers in the U.S.
- Home to a top 60 public research university
- 12 research centers
- Over 50 hospitals, clinics & ambulatory care centers
- 2 Veterans Administration hospitals
- One of 22 Shriners Hospitals in the U.S.
- 6th Medical Group Hospital at MacDill Air Force Base
- 2nd largest acute care public hospital in Florida
- 3 Top 100 Hospitals in the U.S. (2003 *U.S. News & World Report*)
- 3 medical schools (one osteopathic)
- Over 62,000 licensed nurses and doctors
- More than 10 educational facilities for healthcare professionals
- Two hospital transplant centers
- 13 teaching hospitals
- Florida's only college of public health



Business & Technology

A Top 20 Cluster

Medical device manufacturers dominate the market and place the region in the top 20 clusters nationwide. The industry employs over 10,000 people and produces over \$2 billion worth of goods and services – an economic impact of more than 51,000 jobs and \$5 billion. The Florida Medical Manufacturer's Consortium, The Tampa Bay Technology Forum and the Tampa Bay Technology Incubator further the interests of this cluster locally and throughout the state.

The Gateway to Florida's High Tech Corridor

Tampa Bay is home to a convergence of medical device manufacturers, pharmaceutical companies, bioscience companies and information technology firms. Examples include:

- **Baxter Healthcare Corp.** – renal dialysis and blood collection instruments
- **Linvatec Corporation** – orthopedic surgical instruments
- **Intelligent Micro Patterning** – micro-devices such as minute circuit boards and sensors used by medical researchers
- **Doyen Medipharm, Inc.** – packaging and fabricating machinery for medical and surgical supplies

Gold Standard Multimedia – clinical drug information and medical education software

Biolife, LLC – first-aid powder that stops bleeding

Transitions Optical, Inc. – photochromic ophthalmic lenses

Essilor – corrective lenses

SRI/Surgical Express, Inc. – reusable and disposable surgical products

Oscor, Inc. – pacing lead systems used in cardiac pacemakers

Halkey-Roberts Corp. – plastic medical devices

Bausch & Lomb – ophthalmic pharmaceuticals

Cardinal Health, Inc. – soft gelatin capsules

Florida Infusion Services, Inc. – home infusion pharmaceutical distributor

VLOC, Inc. – precision optics and laser crystals

Twin Star Optics – medical lasers

Romark Laboratories – new drugs for treating infectious diseases and cancer

Iliant – technology and management services for physician practices

Clinication – patient compliance software system for physicians

Omega Health Systems – software for medical necessity compliance, revenue management and cash protection

Smith-Nephew – wound management unit



Research

Research is a key component of growth for the Tampa Bay region. Technology transfer allows new discoveries to reach the marketplace.

The University of South Florida: A Top 60 Public Research University

USF is ranked 29th in medical science research and development expenditures and known for discoveries in medical sciences, biotechnology, marine science, MEMS (microelectromechanical systems), engineering, nanotechnology and medical science. The USF Research Park is a center of biotechnology and life science research and entrepreneurship. The park includes the USF Center for Biological Defense, the Tampa Bay Technology Incubator, USF Center for Entrepreneurship and the Florida Medical Manufacturers Consortium. The USF Life Sciences Entrepreneurship program was ranked #1 for training new entrepreneurs, especially in pharmaceuticals, biotechnology and medical devices.

H. Lee Moffitt Cancer Center & Research Institute

Moffitt is a nationally recognized hospital and research center and one of 38 National Cancer Institute-designated Comprehensive

Cancer Centers in the U.S. Moffitt is known for landmark discoveries in functional genomics, molecular targeting, anti-cancer vaccines and genetic testing. A \$3.2 million U.S. Department of Defense grant is helping establish the National Functional Genomics Center.

Tampa Shriners Hospital

The Center for Research in Skeletal Development and Pediatric Orthopaedics at the Tampa Shriners Hospital is dedicated to children's musculoskeletal problems, especially congenital orthopedic deformities; diseases of the bones, joints and muscles and orthopedic conditions resulting from traumatic injuries.

All Children's Hospital

The Children's Research Institute at All Children's Hospital partners with USF to investigate pediatric immunology, oncology, heart transplantation and behavioral health.

The Tampa Bay Research Institute

TBRI is a nonprofit independent biomedical research institute dedicated to the study, cure and prevention of chronic and infectious diseases. Work is underway on a botanical drug to boost the immune system.

Florida Blood Services

FBS partners with USF to develop innovative testing for further screening and safety of the nation's blood supply.

Silverstein Institute

The Ear Research Foundation at the Silverstein Institute is a nonprofit research and educational facility for hearing disorders. The foundation offers fellowship training for graduate physicians in otolaryngology.

The Young-Rainey STAR Center

STAR Center companies include the nonprofit National Forensic Science Technology, a resource on DNA testing for crime labs, and Constellation Technology, which develops radiation, chemical and biological sensors for homeland security.

The Pepin Heart Hospital and Research Institute

This patient care and research center at University Community Hospital is a unique partnership with the hospital and local philanthropist Art Pepin. It is a GE Medical Systems showcase for cardiovascular digital imaging technology.

Sarasota Memorial Hospital

Sarasota Memorial is one of the first non-academic hospitals in the nation to develop a clinical research service, and has conducted 250 patient care trials in the past 12 years.

Tampa General Hospital

TGH is the primary teaching facility for USF, and has a dedicated clinical research center with 165 drug, device, procedural, survey and observational research studies underway.

The Watson Clinic Center for Research

This center provides administrative structure for Watson Clinic physicians conducting research studies primarily in cardiovascular and cancer care. The Watson Clinic is also a clinical research affiliate of H. Lee Moffitt Cancer Center, along with Morton Plant Hospital and Morton Plant North Bay Hospital.



Patient Care: Saving Lives

With more than 50 hospitals, dozens of clinics and ambulatory care centers, Tampa Bay has an abundance of top-rated health care facilities for children and adults.

More than 62,000 Medical Personnel in Tampa Bay

- 7,874 medical doctors
- 789 osteopathic physicians
- 578 physician assistants
- 38,751 registered nurses
- 14,057 licensed practical nurses

Best Hospitals in America

Three area hospitals were on the 2003 *U.S. News & World Report* list of top 100 hospitals in the nation – H. Lee Moffitt Cancer Center and Research Institute – cancer care; St. Joseph's Hospital – orthopedics and digestive diseases; and Tampa General Hospital – kidney disease.

Hospital Stats

Total number of licensed beds in the region	12,944
Total number of full-time employees	42,988
Average FTE salary	\$41,569
Total number of admissions	493,658

Source: Florida Hospital Association, 2002

Patient Care Services

Every medical and surgical specialty, from cancer and cardiac care to neurology and orthopedics, trauma, rehabilitation, women's services and neonatal intensive care, is represented in the Tampa Bay region. Here are several unique services:

Burn Treatment – One of four burn centers in Florida is at Tampa General Hospital.

Cancer – H. Lee Moffitt Cancer Center & Research Institute is the nation's third largest cancer center based on outpatient visits and the largest blood and bone marrow transplant program in the Southeast. The hospital offers 13 site-specific cancer treatment teams, cutting-edge clinical trials and a new approach called Total Cancer Care, which allows physicians and hospitals access to Moffitt programs, such as molecular profiling of tumors.

Neurosciences & Rehabilitation – Many hospitals offer inpatient or outpatient neurological and rehabilitation programs. Unique services include:

Comprehensive epilepsy programs at Tampa General Hospital and Bayfront Medical Center.

Bayfront has one of four Gamma Knife programs in the state for treatment of brain tumors and other vascular conditions with radiation rather than a scalpel.