

2024

**AdventHealth
Institutes**

Highlights Report



AdventHealth

Welcome

2024 was a year of remarkable progress and purpose for our AdventHealth Institutes.

As we reflect on the milestones and momentum of the past year, we are filled with immense pride and gratitude for the dedication, innovation and compassion that defines our teams. The successes highlighted in this report are a testament to the tireless efforts to elevate care and serve our communities with unwavering commitment. We are proud to share these accomplishments with you.

This year, our institutes continued to rise nationally and internationally. From participation in prestigious research collaborations to the expansion of industry and physician partnerships, 2024 has affirmed the value of this work. Our teams earned multiple recognitions for clinical excellence, including several new accreditations and certifications from preeminent quality organizations. They also, once again, achieved national recognition with four *U.S. News & World Report* rankings.

Complementing our clinical achievements, 2024 brought exceptional program growth marked by 5.9 million patient interactions, 1.3 million physician office visits, 87 thousand surgeries and the addition of nearly 290 new specialty providers. This success was driven by the collective vision and expertise of our world-class physicians and multidisciplinary care teams, who continue to elevate the standard of care we provide and shape the direction of our institutes.

Still, what makes our success truly meaningful are the daily acts of kindness, perseverance and teamwork that often go unseen. Behind every achievement is a story of a caregiver going above and beyond, a team rallying around a shared purpose or a moment when we made a profound difference in someone's life. These moments embody our mission of Extending the Healing Ministry of Christ, and they are what we celebrate most.

As we look ahead, we carry with us momentum and a renewed sense of inspiration and purpose. Thank you for your continued dedication to our mission. We are honored to serve alongside you.

With deep gratitude and hope,

Heather Fox

Chief Operating Officer
AdventHealth Institutes

Volumes, outcomes and all information represented in this report encompass AdventHealth's Central Florida Division facilities, which are located in Orange, Osceola, Seminole and South Lake counties.

2024

AdventHealth Heart, Lung and Vascular Institute



Colleen Gaughan, MD | Thoracic Surgery

AdventHealth Heart, Lung and Vascular Institute

The AdventHealth Heart, Lung and Vascular Institute (HLVI) is the largest provider of cardiovascular care in Florida, with more than 300 experts and 15 subspecialties. In Central Florida alone, AdventHealth performs more cardiothoracic and vascular surgeries than any other facility in the United States — serving 72,000+ patients each year, including more than 4,500 who undergo heart surgery.

Access and Volume Achievements

Patient access to quality care is HLVI's priority. In 2024, AdventHealth expanded services and programs across our Central Florida campuses, resulting in improved access for our in-person and virtual patients.

- Led statewide EP deregulation
- Earned International Cardiac Oncology Society Gold Status (1 of 84 globally)
- Launched TAVR at Celebration during the fifth year of its open-heart surgery program, and celebrated over 3,000 TAVRs performed across AdventHealth CFD
- Expanded Trina Hidalgo Clinic for underserved patients in need of heart care
- First-in-Florida genetics program and Navitor™ valve (TAVR)
- Graduated second cardiology fellowship class and hosted first HLVI conference

New Physicians

HLVI recruited 19 new physicians and 14 advanced practice providers across the Central Florida Division.

New Program Achievements

Lung

- Opened lung nodule clinic and launched incidental lung findings clinical process
- Started Lung Health Governance
- Started thoracic satellite program at AdventHealth Altamonte Springs

- AdventHealth Celebration now offering a new technology called Cytalux, which helps doctors see lung cancer more clearly during surgery — making it easier to find and remove tumors

Heart

- Launched renal denervation for hypertension patients at Celebration, Orlando and East Orlando hospitals
- Started tricuspid edge-to-edge repair (minimally invasive approach)
- Participating in several cardiovascular gene-therapy trials
- Completed first pulse field ablation in Central Florida

Vascular

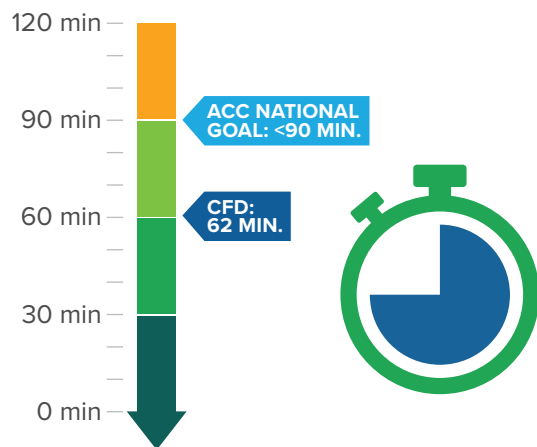
- Started vascular program at AdventHealth East Orlando
- Completed first TAMBE procedure to treat complex aortic aneurysms
- Highest implanter volumes in the nation for baroflex activation therapy

National Governance Impacts

- Unified approach to PFA technology and future adoption
- Evaluated new TAVR valve with structural heart planning
- Launched clinical pathways to cut CABG readmissions
- Boosted research trial enrollment systemwide
- Reviewed EP peer advocacy and cost-per-case for new tech

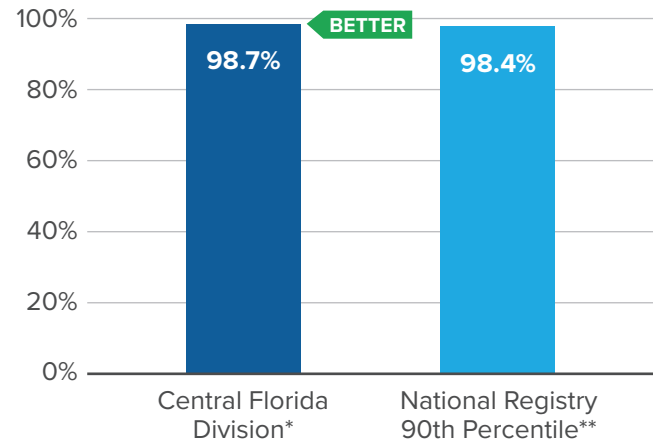
PCI (Percutaneous Coronary Intervention) Center Door to Balloon Median Time

Central Florida Division



PCI Survival Rate

Central Florida Division

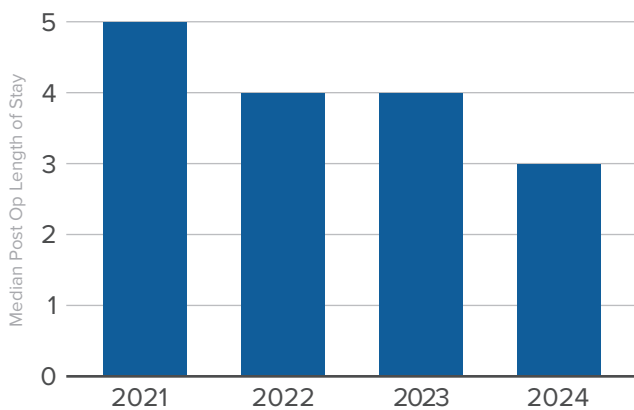


*2024 CFD PCI volume 3,258 patients

**NCDR CathPCI Registry risk-adjusted mortality national data

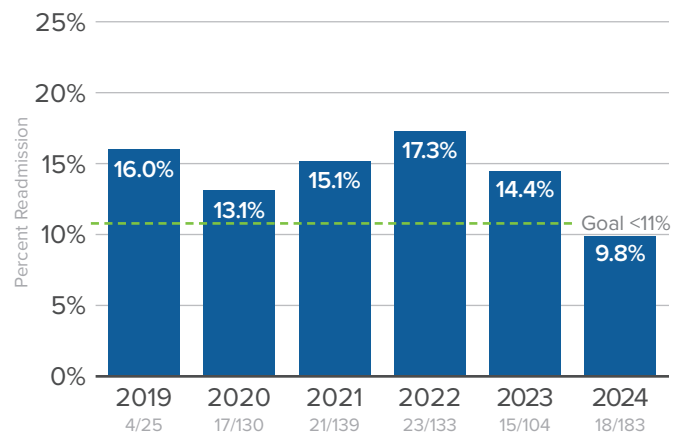
Median Length of Stay

Central Florida Division



AdventHealth Readmission Dashboard

Medicare CABG 30-Day Readmission Rate



**2024
HLVI
Volumes**

2,535
Pulmonary
Surgeries

2,597
Vascular
Surgeries

4,095
Cardiovascular
and Thoracic
Surgeries

61,221
Cath/EP/IR
Procedures



**Cardio-Oncology
Gold Center of
Excellence**



★★★★
Isolated CABG
AdventHealth
Orlando



**Hypertrophic
Cardiomyopathy
Center of
Excellence**



**ELSO Gold Center
of Excellence for
ECMO**



**EP Accreditation
from IAC**
AdventHealth
Orlando



**PHA Center of
Comprehensive
Care**

2024

AdventHealth Cancer Institute



Jawad Francis, MD | Hematology and Oncology

AdventHealth Cancer Institute

The AdventHealth Cancer Institute is the largest cancer-care provider in Florida, with more than 250 medical oncologists, surgical oncologists and radiation oncologists serving more than 21,000 patients a year. AdventHealth's footprint spans across 17 cancer centers and offers subspecialty programs for more than 10 disease sites.

Facilities and Technology

AdventHealth strives to provide comprehensive, world-class cancer care close to home in the communities we serve. In 2024, AdventHealth successfully expanded access to critical cancer services with new construction projects and state-of-the-art technology at multiple locations across Central Florida, including:

- Altamonte Springs and Lake Mary — Expanded the medical oncology clinics at both locations in Seminole County
- Celebration — Expanded radiation oncology services with the addition of a second TrueBeam linear accelerator
- Kissimmee — Began renovation of the radiation oncology clinic to accommodate a new TrueBeam linear accelerator and CT SIM
- Lake Nona — Approved plans for the development of a five-story comprehensive cancer center slated to open in late 2026
- Orlando — Completed third-floor renovation of the Cancer Center to enhance oncology services and improve the patient experience
- Orlando — Added next-generation Gamma Knife (Elekta Esprit), making AdventHealth one of six in the U.S. to offer the newest and most personalized radiosurgery treatment option for patients
- Winter Garden — Approved plans for the development of a three-story comprehensive cancer center slated to open in mid-2026
- Winter Park — Completed the buildout of a new infusion center slated to open in January 2025
- AdventHealth was the first in Central Florida to receive the new Intuitive da Vinci 5 surgical robots at the Altamonte Springs, Celebration (x2), Orlando (x2) and Winter Park campuses. Vipul Patel, MD, performed the first case at AdventHealth Celebration.

New Physicians

The Cancer Institute has continued to grow our expert team of clinicians across the Central Florida Division, with 14 new physicians (medical oncologists, radiation oncologists and surgical oncologists) and more than 20 advanced practice providers coming on board in 2024. This includes four medical directors in key leadership positions dedicated to subspecialty program growth to ensure AdventHealth's ability to expand oncology services to more patients.

Program Developments

The highest priorities for patients seeking cancer care are (1) that their doctor is an expert in their cancer type and (2) that they have access to coordinated, multidisciplinary care. With these demands top of mind, AdventHealth has expanded subspecialty oncology programs with expert physician leadership, multidisciplinary care clinics and access to clinical research trials. Key program growth to accomplish this in 2024 included:

- Expansion of the Thoracic Oncology Surgery program at AdventHealth Altamonte Springs
- Launch of the Incidental Lung Nodule Screening program in collaboration with the AdventHealth Heart, Lung & Vascular Institute
- Launch of the Survivorship and High-Risk Breast Clinic at AdventHealth Altamonte Springs
- Launch of the Breast Multidisciplinary Clinic at AdventHealth Kissimmee to provide a best practice, streamlined experience for patients
- Launch of the first Med Spa at AdventHealth Orlando
- Expansion of Eden Spa services to AdventHealth Winter Park and a relaunch of services at AdventHealth Altamonte Springs

to provide cancer rejuvenating treatments for whole-person care

- Expansion of the scalp-cooling therapy to AdventHealth Altamonte Springs for chemotherapy patients at risk for alopecia
- Improved access at AdventHealth Orlando through the extension of weekend triage and treatment hours with additional pharmacy and APP support
- Expansion of the clinical research program at AdventHealth Altamonte Springs and an increase in radiation oncology clinical trials
- Launch of the HistoSonics Liver Histotripsy program at AdventHealth Altamonte Springs and AdventHealth Celebration — making AdventHealth the first in the state of Florida to offer the non-invasive, sonic-beam therapy platform capable of destroying targeted liver tumors at a sub-cellular level
- Expansion of the Immuno-Effector Cell program with new CAR-T treatments (now including one for multiple myeloma), and becoming the first outpatient CAR-T in Central Florida, with the first case completed in December 2024
- Increased patient navigation support for HealthFirst patients seeking a range of services from diagnostic imaging to clinical trials
- Hitting record attendance numbers for the Best of ASCO Oncology Nursing Conference
- More than 14 educational events and 430 tumor boards hosted throughout the year

- Over 25,000 touchpoints with cancer patients utilizing nurse navigation and social work support
- The Cardio-Oncology Center of Excellence Gold Standard Accreditation
- AdventHealth Celebration Radiation Oncology recognized as the first Center of Excellence for the VisionRT product

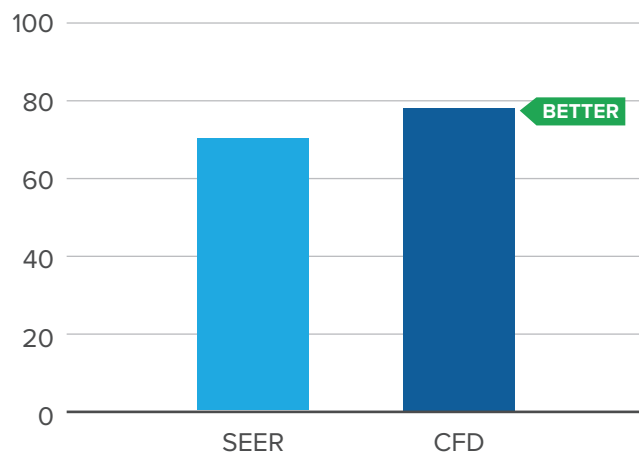
Research and Clinical Trials

The AdventHealth Research Institute increased leading-edge, multi-phase clinical trials across the Central Florida Division.

- Interventional adult studies were offered in the following tumor sites: bone marrow transplant (BMT), breast, gastrointestinal, genitourinary, gynecologic, hematologic, head and neck, neurologic, radiation oncology, skin and thoracic.

AdventHealth Cancer Institute increased Phase I studies by nearly 20% in 2024, with trials taking place in Orlando and at Central Florida's first, Phase I clinical research unit in Celebration.

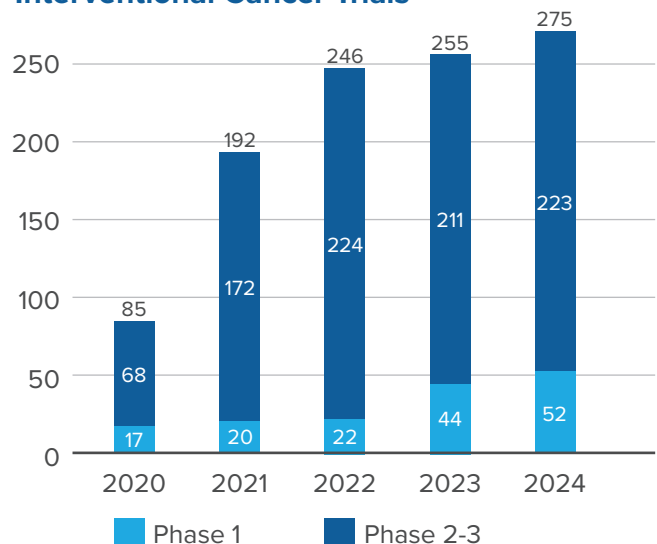
Five-Year Survival Rate for All Cancer Patients



Relative survival rate 2015-2021

AdventHealth's 5-year survival rates for all cancer patients across CFD are nearly 13% above the national average.

Interventional Cancer Trials



Clinical Quality and Accreditations

In 2024, AdventHealth Orlando was recognized by *U.S. News & World Report* as a nationally rated leader in cancer care, colon cancer surgery, lung cancer surgery, prostate cancer surgery and leukemia, lymphoma and myeloma care. AdventHealth is also recognized as one of Becker's top 60 oncology programs in the nation due to the expansion of subspecialty expertise, standardization of cancer care and investments in breakthrough research.

Governance and Subcommittees

The AdventHealth Cancer Institute utilizes a governance structure that oversees infusion, radiation oncology, research, oncology nursing and oncology-focused clinical subcommittees developed with a multidisciplinary approach to drive clinical excellence and improve patient outcomes. In 2024, the Cancer Institute launched radiation oncology and infusion governance meetings and established nine active or planned subcommittees dedicated to key oncology programs at AdventHealth, including: Breast, Gastrointestinal, Genitourinary, Gynecologic, Head and Neck, Thoracic, Plastic and Reconstructive Surgery.

Planned 2025: Oncology Nursing and Malignant Hematology
Efforts launched by governance resulted in measurable success metrics.

- Inpatient chemotherapy was decreased by 20%.
- Gynecologic Oncology increased the number of patients discharged directly to home with a 98% success rate.
- Head and Neck reduced post-op readmissions from 17% to 5% at AdventHealth Celebration.

2024 Cancer Volumes

1,695
Plastic and
Microvascular
Reconstructive
Surgeries

94,571
Infusion
Treatments

115,343
Radiation
Oncology
Procedures

178
Adult and Pediatric
BMT Program
Transplants
(HPC and CAR-T)

326
Oncology Clinical
Trials

11,425
Oncology
Surgeries

2024

AdventHealth Digestive Health Institute



Muhammad Hasan, MD | Center for Interventional Endoscopy

AdventHealth Digestive Health Institute

The AdventHealth Digestive Health Institute (DHI) is the largest provider of digestive care in Florida, with more than 100 physicians and 100 employed APPs. It provides highly specialized care in gastroenterology, general surgery, colorectal surgery, bariatric surgery, diabetes, nutrition, plastic surgery and endocrinology.

Specialty programs include:

- Center for Esophageal and Swallowing Disorders
- Center for Interventional Endoscopy
- Endobariatrics
- Foregut
- Inflammatory bowel disease
- Non-alcoholic fatty liver disease
- Pancreas
- Pelvic floor
- Rectal cancer
- Third Space Endoscopy

New Physicians

In 2024, DHI recruited 19 physicians and 36 advanced practice providers.

New Facilities

In 2024, DHI opened four additional clinics and facilities to serve multiple communities across Central Florida.

- Inflammatory Bowel Disease Clinic at Innovation Tower, one of the most comprehensive centers in Florida with advancements including intestinal ultrasound and an elevated patient navigation experience
- Endocrinology at Lake Nona
- Gastroenterology at Lake Nona
- Colorectal Surgery at Lake Mary

Programs and Education

The continuing development of specialty and graduate programs within DHI allows for innovative, top-quality care. Expanding these programs provides more access across the community and allows AdventHealth to train the next generation of specialists.

New Programs

Surgical Optimization

A tailored program that optimizes patients before and after surgery (6–12+ months) by focusing on nutrition, exercise, weight management and smoking cessation, thereby improving surgical outcomes, reducing complications and supporting long-term lifestyle changes

Nutritional Optimization

A specialized program providing expert nutritional guidance for disease prevention, weight management and recovery, ensuring patients receive evidence-based dietary strategies tailored to their health goals

AEYE — Point-of-Care Retinal Screening for Diabetes

An innovative in-office retinal screening tool that detects diabetic retinal disease early, reducing the need for separate ophthalmology visits; helps prevent blindness and improves diabetes management when combined with early detection

Endocrinology to Bariatrics Referral Program

A streamlined referral process linking endocrinology services with bariatric care for obese patients needing specialized treatment, ensuring patients receive the right medical, lifestyle or surgical support to improve their health

Fueling Your Liver: Nutrition Essentials

A collaboration between the Fatty Liver Clinic and the Center for Nutritional Excellence to provide education and cooking demonstrations for patients with fatty liver disease, helping patients adopt healthier eating habits to prevent disease progression

Education

- The ACGME-accredited GI Fellowship Program has grown to eight fellows in 2024
- The CIE Advanced Endoscopy Fellowship Program expanded to three fellows per year

Events

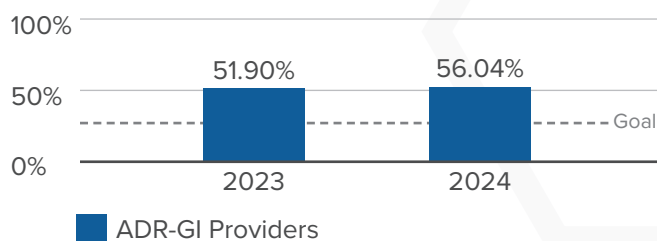
The team at DHI values the collaboration and community that comes with bringing together providers through continued medical education (CME), courses and retreats. During 2024, a variety of opportunities were offered, both virtually and in person, attracting more than 700 participants to learn from and alongside AdventHealth surgeons.

- Endobariatric Symposium and Suturing Masterclass
- Orlando Colorectal Congress
- Orlando Live Endoscopy
- Florida Third Space Endoscopy Hands-On Workshop
- CME-accredited colorectal surgery courses, including the nation's first lateral pelvic lymph node dissection course

GI Colonoscopy Outcomes

NLP

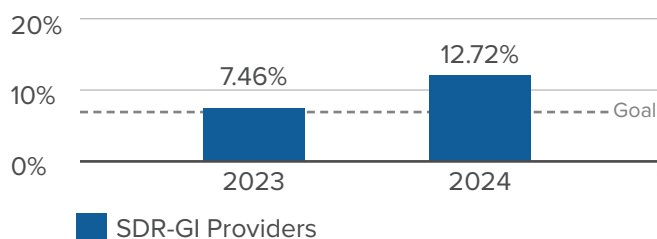
AHCFD—Adenoma Detection Rate Percentage
2023 and Q1-Q3 2024



GI Colonoscopy Outcomes

NLP

AHCFD—Serrated Polyp Detection Rate Percentage
2023 and Q1-Q3 2024



Gastroenterology

- A new colon cancer screening algorithm was implemented to help guide the appropriateness of stool-based testing
- A new GLP-1 Agonists policy for patients undergoing GI endoscopy was implemented — a novel automated ADR program created using natural language processing
- The Adenoma Detection Rate (ADR) and Serrated Polyp Detection Rate (SDR) Program has been updated with new AI technology, allowing for a higher detection rate



Bariatric Surgery

- AdventHealth Orlando and AdventHealth Celebration are designated as Cigna Centers of Excellence for bariatric surgery
- Dennis Smith, MD, of AdventHealth Celebration, presented at the International Bariatric Club Oxford World Congress, the preeminent global conference for bariatric surgery



MBSAQIP Accredited
Center, Quality Program

**2024
DHI
Volumes**

9,895
Center for
Interventional
Endoscopy
Advanced
Procedures

22,870
New
Endocrinology
Patients

1,057
Bariatric
Surgeries

23,197
Colorectal and
General
Surgeries

56,065
Endoscopies

2024

AdventHealth Transplant Institute and Our Legacy



Bobby Nibhanupudy, MD | Transplant Surgery

AdventHealth Transplant Institute

The AdventHealth Transplant Institute is the only transplant center in Greater Orlando offering adult and pediatric solid-organ transplant programs. The Transplant Institute has been providing innovative, life-saving care generously supported through the gift of organ donation for more than 50 years.

Access and Volume Achievements

- Completed 5,000th kidney transplant and 1,000th live-donor kidney transplant
- Completed 500th heart transplant
- Doubled year-over-year LVAD volume
- Completed 15 pediatric liver transplants — the highest volume year in program history, making us the 13th busiest center in the U.S.
- Added 489 patients to the UNOS Waitlist, the most ever for our program in a single year
- 693 patients on the UNOS waiting list — the most listed patients in the program's history

Unique Procedures and Medical Care

- Completed the first known robotic Whipple procedure in Florida
- Implemented transmedic perfusion device for liver and heart transplant programs, improving donor organ viability by mirroring human physiology
- Completed the first combined robotic kidney transplant recipient surgery and robotic donor nephrectomy surgery in program history
- Established the capability to transition patients from shock treatment onto durable LVAD

2024 Transplant Volumes

74
Liver
Transplants

37
Heart
Transplants

4
Kidney/Pancreas
Transplants

9
Lung
Transplants



Our Legacy

OurLegacy is the federally designated, nonprofit organ and tissue recovery organization serving the 3.8 million residents of East Central Florida. As one of only seven hospital-owned and operated Organ Procurement Organizations (OPO) in the U.S., we are proud to partner with hospitals and transplant centers throughout our ten-county service area.

OurLegacy is a CMS-designated Tier 1 OPO. A Tier 1 designation indicates OPOs whose donation and transplantation rates are in the top quartile of OPO performance. OurLegacy is the only Florida OPO whose tier status has remained in the upper quartile since CMS began publishing rates in 2021.

In 2024, OurLegacy supported 51 hospitals or ER facilities referring organ or tissue donors, including 18 AdventHealth locations. OurLegacy is grateful to partner with physicians, nurses, respiratory therapists, surgical technicians and many others at Central Florida hospitals who are dedicated to honoring the gift of life.

Education and Research

- Authored two papers on pediatric liver transplant for the Starzl Network and hosted the network's Annual Conference for Pediatric Liver Transplant
- Spatial Molecular Imaging of the Human Pancreas in Health and Disease (poster of distinction at 2024 APA/JPS/CAP/IAP meeting)
- Hosted the 2024 Southeast Transplant Growth Collaborative Summit
- An AdventHealth representative served as a panelist at the Alliance Critical Issues 2024 Forum

Quality

- Refined our dedicated transplant quality team and program
- Recorded no heart- or lung-patient waiting list deaths in 2024



105
Kidney
Transplants

24
Kidney
Transplants
Made possible
through our living
donor program

Innovation

In 2024, OurLegacy expanded the use of a new organ preservation process called normothermic regional perfusion (NRP). NRP uses existing ECMO technology to enable a more thorough assessment of organs from donation after circulatory death (DCD) donors to determine if they are safe to transplant.

In Central Florida, the adoption of NRP has enabled more OurLegacy donor heroes to give the gift of life. In particular, livers from circulatory death donors over the age of 65 are now able to be transplanted and are saving the lives of people throughout Florida.

NRP is also now enabling donations from our smallest donor heroes as well. Heart transplantation from neonates and infants has been, until recently, a very rare phenomenon. But because of NRP and the support of the central Florida pediatric critical care community, three babies, one as young as nine days, gave the gift of donor hearts to three children in need of transplants. In two of these cases, the recipient's native hearts were used to support the

failing hearts of an additional two children. Without NRP, these five children would have few other options for lifesaving treatment.

Centralization

On September 6, 2024, AdventHealth Orlando dedicated the OurLegacy Center, a first-of-its-kind facility in Florida devoted to caring for organ donor heroes and their families. It is a state-of-the-art facility comprised of three hero bays in which the therapies necessary to ensure the health and safety of each transplantable organ are optimized and delivered at the exact moment treatment is required.

After organs are matched with compatible recipients, a surgical procedure room is ready and equipped to ensure timely and respectful organ recovery.

For families, there is a dedicated peaceful room where a team of support coordinators offer comfort, solace and the ability to accompany their donor hero on their final journey.



Ezekiel, pictured here with mom Angie, received a life-saving liver transplant at AdventHealth.

2024

AdventHealth Orthopaedic Institute



Luke S. Oh, MD | Orthopaedic Surgeon

AdventHealth Orthopedic Institute

The AdventHealth Orthopedic Institute (AHOI) is considered one of the top institutes in the country for overall orthopedic care. Providing both conservative non-operative and surgical care for our patients across hospital and ambulatory sites, the multidisciplinary team of therapists, athletic trainers and physicians provides subspecialized care every day and is dedicated to returning patients to optimal function and a fulfilling, active life.

New Physicians

The AdventHealth Orthopedic Institute partners with Rothman Orthopaedics to provide nationally leading, subspecialized orthopedic care. In 2024, the Rothman Orthopaedics team grew to nine non-operative physicians and 24 surgeons working out of eight offices. They provide services to residents in four Central Florida counties.

National Engagement

Our physicians are dedicated to research and education on the national stage. In the last twelve months, they participated in 90+ research projects, 28 poster presentations, 10 conference acceptances, 13 abstract publications and four oral presentations. Beyond our physician engagement nationally, our nurse navigators share clinical best practices across the country. In the last year, AdventHealth Orthopedic Institute nurses and team members participated in four podium presentations, one poster presentation and one podcast.

Academics and Research

Within the AdventHealth Orthopedic Institute and Rothman Orthopaedics, innovation drives our commitment to excellence in orthopedic care.

Our dynamic and expanding research institute leads groundbreaking initiatives, securing multiple grants and partnering with industry leaders to propel advancements in orthopedic surgery and treatment. With more than 30 publications in 2024 and participation in numerous national registries, the team is shaping the future of orthopedic medicine. The elite team includes clinical fellows, residents, research scientists, research fellows and interns who collaborate with nationally renowned faculty in subspecialties, including adult joint reconstruction, elbow, foot, ankle, hand and wrist, physical medicine and rehabilitation, primary care sports medicine, shoulder, spine, sports medicine and trauma. Through biomechanical analysis, 3D printing, patient-reported outcomes and clinical trials, we push the boundaries of innovation to

Rothman Orthopaedics Florida saw more than 105,000 patients in 2024. Over 40% of new patients began with a non-operative physician. This provides quicker access to an appointment and patients are appropriately assessed for the necessary level of treatment. Patients needing surgical care are then directed to the correct subspecialty.

Strategic Partnerships

AdventHealth is proud to support numerous sports and entertainment organizations across Central Florida.



enhance patient care. Our contributions were featured at more than 10 national meetings in 2024, underscoring our role as pioneers in orthopedic research.

Academics, centered around research, education and innovation, forms the backbone of our mission to advance orthopedic care. AdventHealth Orlando is developing into a vibrant hub for building the next generation of leaders in musculoskeletal medicine. With premier orthopedic surgical residency and fellowship programs, including a primary care sports medicine fellowship, the teams are committed to shaping future experts. From cadaver labs and quality improvement initiatives to training in robotic surgery and augmented reality techniques, the educational programs are second to none. Additionally, the Elbow Expert Institute and collaborations in biomedical engineering exemplify our dedication to multidisciplinary learning and innovation. Together, our academic efforts through research, education and innovation aim to improve patient outcomes and enhance the quality of life for individuals suffering from orthopedic conditions.



Community Impact

In partnership with Rothman Orthopaedics and U.S. Anesthesia Partners, the AdventHealth Orthopedic Institute participated in Operation Walk USA, a program held each December that enables orthopedic surgeons and hospitals around the country to provide free joint replacement surgeries to qualifying, uninsured patients who can't afford them.

Operation Walk USA began in 2011 following the tremendous success of Operation Walk, an international volunteer medical service organization that provides treatment for patients with arthritis and joint conditions in developing countries. To date, more than 900 patients received help through Operation Walk USA, held annually in the month of December since 2011. Since its inception, Operation Walk USA has provided knee and hip replacement surgeries valued at more than \$24.6 million.

Clinical Quality

AdventHealth is proud to receive continuous recognition for our work in orthopedic outcomes.



**American Orthopaedic Association
Own the Bone Star Performer**
AdventHealth Orlando

Recognized four consecutive years



**Orthopedic and Spine
Center of Excellence**
AdventHealth Altamonte Springs
AdventHealth Celebration

*These are two of fewer than 30
facilities nationwide to achieve
this level of certification.*



**Hip and Knee Replacement
Advanced Certification**
AdventHealth Winter Park

2024 Orthopedic Volumes

422

Shoulder
Surgeries

3,500

Hip and Knee
Replacements

1,566

Sports Medicine
Surgeries

4,822

Foot and Ankle
Surgeries

2,706

Orthopedic
Trauma Surgeries

2,208

Hand and Wrist
Surgeries

800

Orthopedic Spine
Surgeries

2024

AdventHealth Neuroscience Institute



Mitesh Lotia, MD | Neurology

AdventHealth Neuroscience Institute

The AdventHealth Neuroscience Institute (NSI) is the largest provider of neurosurgical care in the state of Florida, including neurologists, neurosurgeons, neuropsychologists, geriatric psychiatrists and research scientists. It ranks in the top 2.5% of neurology and neurosurgery programs nationally and is consistently named the number-one program in Central Florida. NSI is recognized for its excellence in patient outcomes, quality and experience.

Program Highlights

Network Growth and Access

In 2024, NSI expanded to 19 neurology providers across four locations and 23 neurosurgical providers at six locations. This growth has improved access to high-acuity neurosurgical procedures and subspecialty neurology care.

Spine Care

The Spine Center has served more than 22,000 patients, improving access and reducing ER visits. In addition, with in-house spine care coordinators and a long-standing physician-led governance committee, pre-surgical patient education has continued to increase resulting in a decrease of surgical site infections and positive impacts on readmissions.

Brain Surgery

AdventHealth Orlando is home to Central Florida's only Gamma Knife Esprit system, enabling both frameless and frame-based brain surgeries. It leads the state in GammaTile procedures for brain tumors and has treated over 500 patients with MR-guided focused ultrasound (MrgFUS) for tremor, significantly improving quality of life.

Stroke and Rehabilitation

The ischemic stroke mortality rate across AdventHealth Central Florida is the lowest in the state and ranks sixth nationally among CMS patients. AdventHealth leads the nation in Vivistim® vagus nerve stimulation (VNS) implant procedures for stroke rehabilitation, with outcomes exceeding clinical-trial benchmarks. A stroke clinic was deployed at Innovation Tower in Orlando, and a monthly stroke support group begun by our outreach team.

Multidisciplinary Clinics

NSI offers seven MDCs, streamlining care for complex neurological conditions.

- ALS
- Muscular dystrophy
- Huntington's disease
- Multiple sclerosis
- Parkinson's disease
- Spinal muscular atrophy
- Tremor

Physician-Led Statewide Governance Committees

These committees elevate the standard of care across the three divisions of AdventHealth in the state of Florida.

In addition to previously mentioned spine governance, craniotomy, neurocritical care, neurology and stroke ensure consistent, high-quality care through a multidisciplinary approach.



Outreach

Education

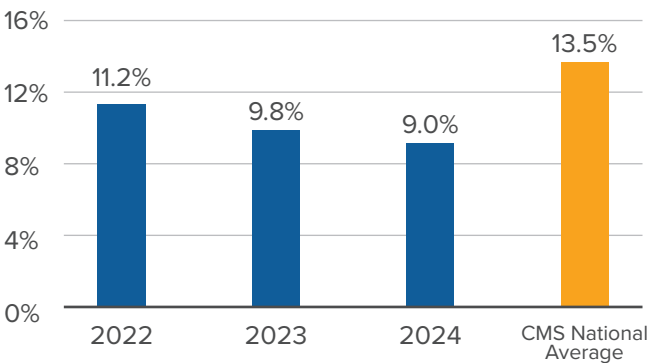
NSI launched a visiting professor series and hosted its first BrainSynergy Conference — educating hundreds of clinicians. The Second Annual Parkinson’s Symposium welcomed 200+ attendees, and the Sixth Annual Memory Caregiver Conference supported more than 100 caregivers across Central Florida and beyond.

Sports Medicine and Neuro Rehab

The Sports Medicine and Rehab (SMR) neuro team has overseen more than 100,000 patient visits. The PT/OT/ST teams became MS Partners in Care with the National MS Society. Notable research publications include studies on MS, dementia care and stroke rehabilitation.

CMS 30-Day Ischemic Stroke Mortality

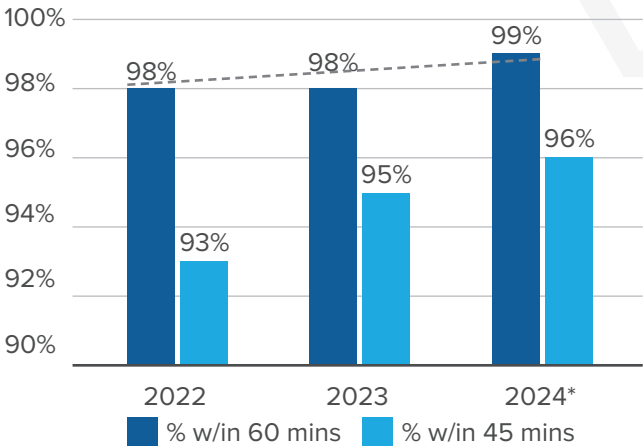
AdventHealth Central Florida
CMS 30-Day Ischemic Stroke Mortality



AdventHealth Central Florida Division stroke patients do better than the national average. (Source: Hospital Compare)

Ischemic Stroke Door to Needle

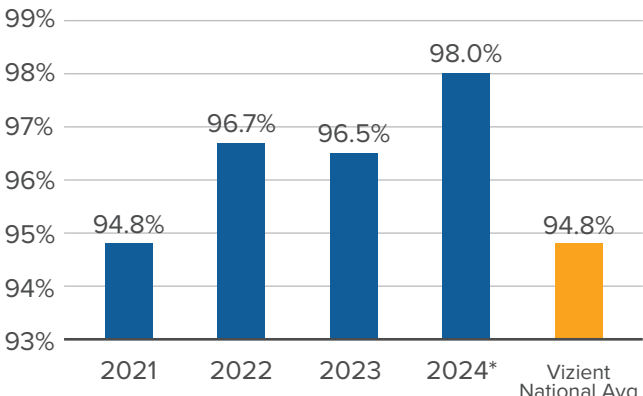
AdventHealth Central Florida



*Data through September 2024

Neurosurgery Survival

AdventHealth Central Florida



Florida Division cranial surgery patients do better than the national average. (Source: Vizient)

2024 Neuroscience Volumes

2,838
Neuro Spine
Surgeries

164
Gamma
Knife Cases

1,379
Cranial
Surgeries

149
MRgFUS
Procedures

1,565
Neurovascular
(INR)
Procedures

5,153
Sleep Studies

2024

AdventHealth for Women



Lucinda Kjerulff, MD | OB-GYN Hospitalist

AdventHealth for Women

AdventHealth for Women offers a whole-person approach to health care that embraces women at every stage of their lives. The AdventHealth for Women care network includes four Baby Place locations throughout Central Florida, the highest level of NICU care, high-risk pregnancy experts, advanced gynecology, urogynecology and a multidisciplinary pelvic health program.

New Physicians

AdventHealth Medical Group

AdventHealth for Women added 28 specialists in 2024 to provide world-class care to the growing population across Central Florida.

Women's Programs

Fourth-Trimester Program

Recognizing the incidence of maternal morbidity and mortality faced by black and African American Women, our fourth-trimester program provides comprehensive wrap-around care to educate and empower patients to take control of their health while preventing readmissions. Our fourth-trimester coordinator plays a crucial role in addressing the barriers and diverse needs of the patients enrolled in the program. This includes assessing and eliminating barriers to health care access, such as medication and blood pressure cuff acquisition, transportation to follow-up appointments, health literacy and emotional well-being.

Northwest Market

- Began construction at AdventHealth Winter Garden to bring labor and delivery services to West Orange County
- Completed renovations of MIU and opened the low intervention birth suite at AdventHealth Altamonte Springs
- Launched ultrasound-guided breast biopsy at AdventHealth Apopka

Winter Park

- Opened a dedicated Fibroid Clinic
- Continued growth of a comprehensive cancer program with the recruitment of a breast specialist
- Opened a colorectal surgery office with specialization in pelvic floor and women's health
- Expanded urology program with addition of a physician subspecializing in urogynecology

Celebration

- Healthy Start-funded representative onsite to assist pregnant and postpartum patients with enrollment and follow-up needs
- Expansion of the fourth-trimester coordinator program to AdventHealth Celebration

Nationally-Recognized Care



125+

Women's Specialists including OB-GYNs, midwives and surgical experts



Complimentary **Health Navigation Team**

1

High-Risk OB Unit



17,400+

Babies Delivered each year



5

Connected NICU Locations



26

3D Mammogram Locations



8

Pelvic Health Rehabilitation Locations

8

Baby Place® Delivery Locations

Clinical Quality

The Florida Perinatal Quality Collaborative (FPQC) Initiative

All campuses participated in and completed the Florida Perinatal Quality Collaborative Postpartum Access and Continuity of Care Initiative, which focused on identifying patients who should not be discharged, facilitating post-discharge follow-up in the first two weeks and educating patients on signs to look for that they should seek care in the postpartum period.

Episiotomy

AdventHealth for Women hospital locations continue to meet The Leapfrog Group rating goal for episiotomy rates, often performing better than the goal of <5%.

Unit Interdisciplinary Simulation Drills

Drills were implemented on every campus, every unit and every shift that includes nursing, physicians, APPs, anesthesia, rapid response, code teams, ICU, RT, neonatology and more.

- Critical drills included: Maternal Code, Neonatal Code, Shoulder Dystocia, Emergent Cesarean Section, Accreta, Obstetric Hemorrhage, Hypertensive Crisis with Seizure or Stroke
- Hypertensive crisis with seizure or stroke

Emergency Department OB Training

Birth-on-Arrival Simulation and Training

Birth-on-arrival simulation and training are offered for all CFD emergency departments and offsite emergency departments (OSED).

Web-Based Trainings

- Hypertension in the pregnant and postpartum patient
- Obstetrical hemorrhage assessment and management in the emergency department



**2024
Women's
Volumes**

964
UroGyn
Surgeries

2,178
Advanced GYN
Surgeries

14,875
OB Deliveries

1,338
NICU
Babies
Cared For

Women's Health Navigation Team

A health navigator is a specially trained registered nurse whose job is to provide expert, personalized clinical assistance and educational, emotional and spiritual support. This complimentary service includes:

- Finding a health care provider (physician, midwife and/or specialist)
- Answers to health care questions
- Assistance with scheduling annual office visits and screenings
- Resources and support for patients and families
- Coordination of care among multiple providers and facilities

The Health Navigation Team cared for **7,186 patients in 2024.**





AdventHealth Urology Service Line

The AdventHealth urology service line in the Central Florida Division is the region's largest and most advanced program, performing more than 14,000 surgeries and serving more than 100,000 patients annually. Our team of highly specialized physicians and advanced practice providers delivers top-tier, evidence-based care.

In 2024, we launched several key initiatives, including:

- Establishing Central Florida's only urology residency program
- Laying the groundwork for women's and men's health centers of excellence
- Creating a urologic oncology survivorship program
- Revamping our strategic and clinical governance committees

- Participating in groundbreaking clinical research poised to transform patient care

We also collaborate with urogynecology, colorectal surgery and pelvic floor therapy to provide comprehensive, pelvic-health services for women in our community.

There are urology offices associated with each of the nine Central Florida Division campuses, and satellite offices in Clermont, Lake Mary and Oviedo.

New Physicians

In 2024, AdventHealth Medical Group (AHMG) Urology welcomed four new surgeons and three advanced practice providers, and expanded one clinical location. This raised our total to 13 clinics, staffed by 26 employed surgeons and 31 advanced practice providers across all sites. Additionally, six more urologists signed on to join AHMG in 2025.

World-Class Programs

The AdventHealth urology program is recognized as a Center of Excellence for InterStim, UroLift and Axonics — offering advanced treatments for stone aspiration and neurostimulation to support bladder and bowel function.

In 2024, AdventHealth Urology made history by completing the world's first HistoSonics kidney procedure. Under the leadership of Michael McDonald, MD, our surgical teams at AdventHealth Celebration continue to treat kidney cancer non-invasively.

We were also the first in the region to adopt the Da Vinci 5 robotic system for surgical procedures. Additionally, AdventHealth serves as a training and quality benchmark site for both Aquablation (using the HYDROS Control System) and holmium laser prostate enucleation.



Jose Silva Rivera, MD | Urology



Subspecialty Programs

The AdventHealth Central Florida Division is the leading provider in the state, performing the highest volume and delivering the highest quality of advanced procedures in the following areas.

Uro-Oncology

- Kidney, bladder, prostate and adrenal cancer surgeries
- Partial and radical nephrectomies
- Cystectomies
- IVC thrombectomy
- Robotic and open surgical options

Endourology and BPH Treatment

- Aquablation for BPH
- TURP and HOLEP for enlarged prostate
- Percutaneous nephrolithotomy (PCNL) for kidney stones

Men's Health and Reconstruction

- Post-prostatectomy urinary incontinence (slings and artificial urinary sphincters)
- Penile prosthesis
- Peyronie's disease treatment (Xiaflex and plication)
- Urethral stricture repair

Women's Health and Reconstruction

- Pelvic floor reconstruction
- Neuromodulation for overactive bladder (Axonics Center of Excellence)
- Cryo cell therapy for voiding dysfunction

2024-2025 U.S. News & World Report Rankings

AdventHealth's Institutes prioritize providing the highest-quality care through innovative treatments and research with a focus on whole-person care. Through data-driven performance and physician engagement across Central Florida, *U.S. News & World Report* recognizes AdventHealth's Institutes for their outstanding work in treating complex, high-acuity health conditions. These recognitions distinguish AdventHealth from other organizations and inspire our health care teams to uphold our values and mission in caring for our communities.



U.S. News & World Report rankings represent hospitals under the AdventHealth Orlando license: AdventHealth Altamonte Springs, AdventHealth Apopka, AdventHealth Celebration, AdventHealth East Orlando, AdventHealth Kissimmee, AdventHealth Orlando, AdventHealth Winter Garden and AdventHealth Winter Park.





[AdventHealthCentralFloridaInstitutes.com](https://www.adventhealthcentralflorida.com)