

Clinical Trials Research Alliance

The Wright State University and Premier Health Clinical Trials Research Alliance (CTRA) offers nimble, one-point-of-contact service for sponsors and a comprehensive, network-based solution for conducting clinical trials.

CTRA is a public-private initiative combining the Dayton region's strongest biomedical research institution—Boonshoft School of Medicine—with the clinical resources of Premier Health, one of the largest health systems spanning southwest Ohio, and Wright State Physicians, a consortium of more than 150 doctors practicing in a wide range of specialties.

Sponsors can easily leverage any or all of the organizations in the network, providing trial uniformity over a large and diverse population.

CTRA supports trials throughout the network of sites with comprehensive clinical trial assistance and infrastructure.

The CTRA also:

- collaborates with community-based physician practices in a variety of disciplines and locations
- supports multi-center trials and investigator-initiated studies both for drug and devices development
- promotes translational medicine, enabling clinicians and scientists to move research discoveries from bench to bedside

CTRA Centralized Trial Support

The CTRA's operational support through the Wright State Research Institute can accelerate all parts of the contracting and trial management process.

Centralized support includes:

- Business development, matching investigators to trial and research opportunities
- Compliance monitoring and quality assurance
- More than 100 investigators
- Ethics consultations
- Financial negotiation and budget management
- Regulatory and clinical operations management
- Electronic data management through a Clinical Trial Management System
- Contract negotiation
- Biostatisticians
- Experienced clinical trial coordinators, all certified in Good Clinical Practices
- Patient recruitment management
 - Clinician referrals
 - ResearchMatch national clinical research participant registry
 - CTRA's website and Facebook page
 - Promotional materials for Premier Health, Wright State Physicians, and Boonshoft School of Medicine
 - Patient EHR access to determine patient population size by indication
- Research participant advocacy through CTRA's Community Advisory Board
- Metrics and benchmarking data
 - Study initiation averages 30-45 working days
- Education and training in the ethical conduct of clinical trials for coordinators and investigators

Thorough and Timely IRB Review

For industry-sponsored trials, CTRA benefits from access to a variety of IRBs, all of which are certified by the Association for the Accreditation of Human Research Protection Programs (AAHRPP). These commercial IRBs meet frequently, providing a thorough and timely IRB review.

In addition, Wright State University IRB is available to review non-industry sponsored clinical research. The use of commercial boards, as well as direct access to a local IRB, ensures a careful evaluation by reviewers with the appropriate expertise.

Multi-Site Trials

CTRA's network of closely aligned health care facilities allows a clinician or team of clinicians to conduct trials at several sites, greatly expanding opportunities for patient participation.

Premier's health care network includes include four hospitals; two comprehensive health care centers; Premier HealthNet, the area's largest group of primary care practices; Premier Health Specialists, the region's largest group of specialty care practices; outpatient surgery centers; after-hours care; community health clinics; long-term care facilities; and home health care services.

Wright State Physicians is one of the largest physician-managed multispecialty groups in the region. Its clinicians practice at Wright State Physicians Health Center and throughout the community.

CTRA also collaborates with the Dayton VA Medical Center, Dayton Children's Hospital, and Wright-Patterson Air Force Base Medical Center.

Patient Demographics

The alliance includes hospitals and major health care centers spanning roughly 1,500 square miles throughout southwest Ohio. More than 2.8 million potential participants representing 24 percent of Ohio's population live in counties with CTRA's associated health care facilities or in adjacent counties. CTRA's major metropolitan areas include Dayton, northern Cincinnati, Springfield, and Troy.

Between Premier Health and Wright State Physicians, more than half of a million patients are seen annually. In addition, CTRA is a partner of ResearchMatch, providing access to more than 75,000 registered volunteers nationwide and 8,000 within an hour of CTRA facilities.

CTRA strives to offer patients local access to clinical trials, eliminating the more than one-hour drive to the closest cities of Cincinnati, Columbus, and Indianapolis.

Areas of Expertise

- Cardiology/Vascular Diseases
- Dermatology
- Devices
- Endocrinology
- Family Medicine
- Gastroenterology
- Healthy Volunteers
- Hematology
- Hepatology (Liver, Pancreatic, Gall Bladder)
- Immunology
- Infections and Infectious Diseases
- Internal Medicine
- Musculoskeletal
- Neurology
- Nutrition and Weight Loss
- Obstetrics/Gynecology (Women's Health)
- Oncology
- Ophthalmology
- Orthopedics/Orthopedic Surgery
- Pediatrics/Neonatology
- Pharmacology/Toxicology
- Plastic Surgery
- Psychiatry/Psychology
- Pulmonary/Respiratory Diseases
- Rheumatology
- Sleep
- Trauma (Emergency, Injury, Surgery)
- Vaccines

Network of Clinical Trial Sites



- 1 Atrium Medical Center
1 Medical Center Dr.
Middletown, OH 45005
- 2 Miami Valley Hospital North
9000 N Main St. • Dayton, OH 45415
- 3 Miami Valley Hospital
1 Wyoming St. • Dayton, OH 45409
- 4 Miami Valley Hospital South
2400 Miami Valley Dr. • Centerville, OH 45459
- 5 Premier Health Specialists
110 N. Main St., Suite 350 • Dayton, OH 45402
- 6 Upper Valley Medical Center
3130 N. County Rd. 25A • Troy, OH 45373
- 7 Radiology Physicians, Inc.
2400 Miami Valley Dr. • Centerville, OH 45459
- 8 Wright State Physicians Health Center
725 University Blvd. • Fairborn, OH 45324
- 9 Premier Cardiovascular Institute Needmore
1530 Needmore Rd., Ste. 300 • Dayton, OH 45414
- 10 Wright State Physicians
400 Sugar Camp Circle. • Dayton, OH 45409

Translational Science

CTRA supports integrating multiple disciplines across the full translational science spectrum and taps the wealth of basic research being conducted within Wright State University, including the Boonshoft School of Medicine, Centers of Excellence, and the Wright State Research Institute.

A Proven Partner

Since its inception in 2012, CTRA has successfully completed more than 80 trials for such leading sponsors and CROs as Abbott, AbbVie, Bayer, Boehringer Ingelheim, Genentech, Gilead Sciences, Inc., Quintiles, Pfizer, PPD, PRA, Parexel, and Sanofi.