



CCTS CLINICAL TRANSLATION

Learn more at www.uab.edu/ccts/clinical-translation

ACCELERATING DISCOVERY TO IMPROVE HUMAN HEALTH

The CCTS has created a supportive environment for clinical and translational research involving human subjects. Our cutting-edge capacities and coordinated expertise ensure safety and good clinical practice and are tailored to meet the individual needs of each investigator we assist.

BIONUTRITION

Our Bionutrition unit fosters the integration of nutrition into clinical and translational research by providing expertise and resources for investigators across the CCTS Partner Network. The UAB Hub unit features a state-of-the-art metabolic kitchen, which allows for the preparation of specially designed meals for participants on both inpatient and outpatient studies.

CHILD HEALTH RESEARCH UNIT (CHRU)

CCTS partners with Children's of Alabama and the UAB Department of Pediatrics to provide two convenient outpatient research environments within Children's Hospital at the CCTS Hub. Available CHRU facilities and services include space and equipment, UAB outreach laboratory services, and storage of biologic specimens. We also offer support for pediatric study design, regulatory support, and budget preparation.

CLINICAL RESEARCH SUPPORT PROGRAM (CRSP)

Our CRSP staff assist investigators with protocol negotiation and development, study implementation, regulatory requirements, organizational and budget management, sponsor communication, internal quality measures, and data management. CRSP also works in partnership with the CCTS Clinical Trials Administrative Office to provide education and training for all research team members including Research Orientation Program, Research Training Program, Research Seminars, Lunch and Learns, and much more.

CLINICAL RESEARCH UNIT (CRU)

CRU encompasses a 15,450-square foot outpatient interaction area with trained nursing staff and patient rooms that can support a wide range of clinical research, including Phase I clinical trials. Dedicated treatment areas allow for the collection of pharmacokinetic, pharmacodynamic, and pharmacogenomic samples from research participants receiving oral drugs and a centrally located nurse's station with pneumatic tube functionality allows for quick transport of specimens to the hospital lab as well as receipt of some pharmaceuticals.

PHASE I CLINICAL TRIALS UNIT

The CCTS supports a 7,950-square foot Phase I Clinical Trials Unit, which is located adjacent to the CCTS CRU and sample processing facility. The Phase I unit comprises five exam rooms for the administration of research agents. A centrally located nurses' station supports the unit.

SPECIMEN PROCESSING, ANALYSIS, AND BIOREPOSITORY UNIT

Our SPAN and Biorepository Unit offers specialized support for the entire continuum of sample needs, from collection and processing to analysis and biobanking. All services are performed in compliance with best practices of International Society for Biological and Environmental Repositories, the Office of Biorepositories and Biospecimen Research, and the College of American Pathologists. Our lab staff have completed Good Clinical Practice (GCP) and IRB training.

MAKING A DIFFERENCE

- More than 550 research team members attended our bi-monthly research seminars, Special Topics in Clinical Trails, in 2017.
- Our CRU protocols and patient encounters have grown more than 90% since 2013.
- Our Phase 1 Clinical Trials Unit helped enroll 146 subjects across 51 trials in 2017, more than double the number of trials in 2015.
- Our CRSP has averaged a 49% year-over-year increase in trials served for the past five years.
- Our CHRU doubled the number of active pediatric research protocols supported since 2017.

