Clinical Research Trial Site Profile

QUESTIONS AND ANSWERS FOR SPONSORS

in the nation among all Honor Roll hospitals in *U.S. News & World Report's* 2018–2019 Best Children's Hospitals list

in pediatric research grants from the National Institutes of Health (NIH)

Cincinnati Children's Research Foundation

- Clinical Trial Services: Concept and Protocol Development to Trial Management Support
- Pediatric Clinical Trial Test Site:
 Phase I—IV
- Adult Clinical Trial Test Site (select therapeutic areas):
 Phase I-IV





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Site Description

Cincinnati Children's Hospital Medical Center/Cincinnati Children's Research Foundation is a nonprofit hospital and research center pioneering breakthrough treatments, providing outstanding family-centered patient care and training health care professionals for the future. Cincinnati Children's is accredited to conduct clinical research by The Association for the Accreditation of Human Research Protection Programs (AAHRPP) and has been conducting pediatric research since 1931. We are the second highest recipient of NIH research grant funding among comprehensive pediatric centers. Annually, we have more than 3,000 investigator-initiated, industry- and federally-sponsored IRB active protocols including pediatric Phase I–IV, and select adult Phase I–IV clinical studies.

Cincinnati Children's is a full-service, pediatric academic medical center with 678 registered inpatient beds (including 102 inpatient psychiatry beds and 30 residential psychiatry beds) serving Southwestern Ohio, Southeastern Indiana and Northern Kentucky. We have over 1,307,000 patient encounters, annually.

Certifications

AAHRPP

Association for the Accreditation of Human Research Protection **Programs**

CAP

College of American **Pathologists**

CLIA

Clinical Laboratory Improvement Act/

Magnet

American Nurses Credentialing Center

Research Investigators and Staff Contacts

Clinical Research Manager TWILA ROGERS twila.rogers@cchmc.org | 513-636-0599

Regulatory Affairs Specialist **CARRIE CROSON** carrie.croson@cchmc.org | 513-803-1932

Potential Principal Investigator Facilitated based upon study need and investigator interest within institution

Potential Study Coordinator Facilitated based upon study need

Investigational Pharmacy DENISE LAGORY, RPH Investigational Drug Service Cincinnati Children's Hospital Medical Center 3333 Burnet Avenue, MLC 1011 Cincinnati, Ohio 45229 513-636-3016 | Fax: 513-636-2740 denise.lagory@cchmc.org

Contracts and Budgets

AMY HICKS amy.hicks@cchmc.org | 513-803-7023

STEVE HOPE stephen.hope@cchmc.org | 513-803-0772

Office for Clinical and Translational Research

The Office for Clinical and Translational Research (OCTR)

functions as a "one-stop" clinical research support center from concept development to publication. Its mission is to provide clinical investigators and sponsors with comprehensive support services, research tools, experienced research personnel, and facilities to conduct or facilitate pediatric and adult clinical research—from identification and development of research opportunities to phase I through phase IV clinical research trials. Support services provided by the OCTR include: identification and development of research opportunities (protocol development), contracts and budgets (for all funding sources), regulatory affairs, project management (singleand multi-center studies), data management, research study management, participant recruitment and retention, integration with institutional research partners, and publication support.

For sponsors and CROs, the OCTR assists to place, coordinate and/or facilitate select pediatric or adult clinical studies conducted at inpatient and outpatient Cincinnati Children's facilities. The OCTR understands sponsors' needs and is committed to conducting clinical studies with heightened attention to time constraints and budgets. The OCTR has access to all of Cincinnati Children's therapeutic divisions, as well as collaborating with other Cincinnati Children's research centers of expertise to meet your study needs.

Clinical Trial Services

Drug and Device Discovery Collaboration

Does Cincinnati Children's support collaborative efforts with industry?

Yes, we believe that partnerships between industry and our top tier researchers can lead to new discoveries that can improve outcomes for pediatric populations. Cincinnati Children's has more than 1,100 investigators pursuing studies in most of the major pediatric sub-specialties.

Protocol Development

Are Cincinnati Children's specialists available to collaborate with pharmaceutical sponsors to develop new pediatric protocols?

Yes. As a large academic medical and research center, we have staff with expertise and extensive experience with developing early phase pediatric protocols for clinical trials.

Do your services include study design optimization?

Yes, our pediatric-specific insight and experience can lead to the most effective study design and optimize time-to-market for pediatric drug development, which reduces overall cost.

Do you provide pharmacokinetic modeling/simulation?

Yes. We have extensive experience in pediatric pharmacokinetic modeling and simulation to support pediatric study plans.

Why should I partner with Cincinnati Children's for pharmacometric services?

The pharmacometric services at Cincinnati Children's offer extensive expertise in quantitative pharmacology and population pharmacokinetic/pharmacodynamic (PK/PD) modeling. Our sophisticated modeling and simulation software enables more effective trial design and helps meet the challenges of a limited patient population.

The lead for our pharmacometric services, Alexander Vinks, PharmD, PhD, director of the Division of Clinical Pharmacology, has more than 20 years in the field of therapeutic drug monitoring and applied pharmacokinetics, both in the research aspects of population pharmacokinetic studies, as well as in the clinical application of these approaches to clinical patient care. Also, because Dr. Vinks serves as an advisor on an FDA pediatric sub-committee, we offer clients extensive knowledge of the FDA review process. Our team can coordinate the entire process, from developing the study design and writing the pediatric-specific clinical protocol to implementing the protocol and analyzing data. This gives sponsors one-stop convenience and provides the cost efficiencies of a single location.

Does Cincinnati Children's have research connections with other pediatric and adult networks?

Not only can Cincinnati Children's provide expertise in the protocol development, it may provide access to pediatric and adult research networks to conduct the trial. In addition, Cincinnati Children's has the ability to function as the lead site for your study.

Biostatistics and Data Management Clinical Trial Support

Can you provide clinical data management support for clinical trials?

Yes. We have clinical data managers with more than 10 years of industry experience in supporting clinical trials including managers certified by the Society of Clinical Data Management.

Do you have a clinical data management system?

Yes. Cincinnati Children's has licensed Medidata Rave®, which is an industry-leader in electronic data capture and is a 21 CFR Part 11 compliant system. We have certified Rave builders on staff.

Do you provide statistical support for clinical trials?

Yes. We have statisticians with more than 20 years of experience supporting pharmaceutical trials. The statisticians are available to participate in study design, development and execution of statistical analysis plans.

Is statistical programming support for clinical study reports available through Cincinnati Children's Clinical Trial Services?

Yes. We have certified SAS programmers who will provide tables, figures, and listings for incorporation into clinical study reports.

Regulatory Affairs and Trial Operations

Does Cincinnati Children's have regulatory professionals on staff?

Yes, our regulatory affairs professionals with pharmaceutical and medical device experience manage IRB and FDA submissions, regulatory files, SAE/AE reporting, FDA/NIH reports, IRB continuing reviews and DSMB reports. In addition, the regulatory affairs specialists provide training, quality review and audit preparation.

Are there staff members who have multi-site experience?

Yes, the experienced regulatory, operations, and management teams have a successful track record of operationalizing and managing multi-site trials. Experienced teams serve as central coordinating and regulatory coordinating centers for multisite trials.

Does Cincinnati Children's have experienced clinical research associates on staff?

Yes, experienced monitors well versed in FDA regulations, ICH guidelines and GCP provide training, study start-up and SIVs. They are on staff to ensure investigators meet regulatory requirements and obligations.

Investigators

How many potential investigators?

Cincinnati Children's has more than 1,100 investigators in most of the major pediatric sub-specialty areas.

Is additional investigator background available on request?

Yes, more information may be obtained once an investigator has been identified including:

- The patient population to which the investigator has access
- The investigator's research study experience
- The number of research studies the investigator has conducted and in which specific disease(s)/condition(s)

Are all staff English-speaking (including the PI and at least one study coordinator)?

Yes

Will one PI and/or study coordinator be able to attend the investigator meeting?

Yes

Will the PI be available during the monitoring visit to meet with the CRA (with advance notice)?

Yes

Study Coordinators and Research Nurses

How many study coordinators and research nurses?

Currently, we have 280 research coordinators and 62 research nurses.

How many studies do coordinators work on at a time?

The number of studies each coordinator or research nurse works on depends on the requirements and complexity of the studies.

Can coordinators conduct home visits?

Yes

Are there qualified staff to draw blood and prepare multiple samples for shipping?

Yes

Site Management

Is Cincinnati Children's part of a site management organization (SMO)?

No

Institutional Review Board

Is the use of a central Institutional Review Board/Ethics Committee (IRB/EC) permitted?

No. We use our local IRB.

How often does the local IRB meet?

Weekly, every Tuesday.

What is the submission time prior to a meeting?

There is no submission deadline. Studies are reviewed on a first come, first serve basis.

Are there internal committees that must approve the study prior to final IRB approval?

Yes, the division must approve the study prior to IRB review.

What is the turnaround time for written approval documentation?

Four to six weeks for a full IRB review for a typical study.

Has the FDA, EMEA, or other regulatory authority audited Cincinnati Children's?

Yes

When?

Specific audit results are available from the department or division where applicable.

What is the IRB complete name and address?

Cincinnati Children's Hospital Medical Center Institutional Review Board 3333 Burnet Avenue, MLC 5020 Cincinnati, OH 45229-3039

Is there a need to have informed consent forms translated into other languages?

Occasionally, based on study population, translation services are available through Cincinnati Children's approved vendors.

Do you use off-site storage?

Yes

Cintas Document Management 690 Crescentville Road Cincinnati, OH 45246-1314 513-671-7717

Contracts and Budgets

Will Cincinnati Children's accept a unilateral CDA?

No, Cincinnati Children's requires a mutual CDA prior to sharing confidential information.

Do you require the contract and budget to be finalized before submitting to the IRB?

The contract and budget processes can occur in parallel with the regulatory processes.

Is the division or PI responsible for budget negotiations?

All industry sponsored budgets are negotiated and approved through the Office for Clinical and Translational Research in collaboration with the division.

Can budget negotiations start with a draft protocol?

The final protocol, CTA and proposed budget must be received prior to initiating any budget or contract negotiations.

Payment Information:

Checks should be made payable to:

Cincinnati Children's Hospital Medical Center 3333 Burnet Avenue Research Billing, MLC 4900 Cincinnati, OH 45229-3039

Please reference PI name and protocol number. Tax ID # 31-0833936

Research Facilities

Is there designated research space?

Cincinnati Children's has approximately 1,425,000 square feet of research facilities. This includes monitor rooms, pediatric- and adult-friendly exam/treatment rooms, and waiting areas.

Are there onsite investigational pharmacies with locked storage?

Yes

Are there onsite laboratory facilities?

Yes

- Central Laboratory
- · Multiple specialty laboratories

The Clinical and Translational Research Center (CTRC) and the Schubert Research Clinic

The CTRC, as part of the Center for Clinical & Translational Science & Training (CCTST), provides resources that enable investigators to perform high-quality, patient-oriented research at various venues across the Academic Health Center and the community.

The CTRC outpatient service is operated inside the Schubert Research Clinic, which is located on the first floor of the Clinical Sciences Pavilion (aka "Location T") on the Cincinnati Children's main campus. It includes 28 exam rooms, one preparatory lab with equipment for processing samples, a packaging and shipping room for clinical research samples, a metabolic kitchen for nutritional studies and teaching, body composition laboratory with DXA scanners, a vascular research laboratory, and 3T magnetic resonance imaging.

The clinic can accommodate visits of less than 30 minutes to greater than 10 hours and is equipped for all participants from infants to seniors. It is fully staffed with 42 highly trained and skilled nurses, dietitians, medical assistants, research assistants, study coordinators and registration staff. The CTRC also has admission privileges for a dedicated 12-bed inpatient unit located on the main campus for overnight (23-hour short stays and sleep studies) and inpatient research admissions.

Access to the clinic is open to any Cincinnati Children's clinical researcher with a currently approved IRB study. This new clinical sciences building makes Cincinnati Children's the nation's largest pediatric research center.

Computer Equipment and Internet Capabilities

Is there an IT/Technical contact available 24/7?

Yes

Is there a site preference to work with paper source documents or electronic source documents?

Electronic data capture (EDC)

Is there prior site experience with use of an EDC system?

Yes, various sponsor-specific systems have been frequently used.

When changes are made to the system, is there repeat testing and documentation of this testing?

Yes

Is there documentation that system users have been trained?

Yes

Does the system employ unique IDs and passwords for each user?

Yes

Is there a historical electronic log that captures all users' actions?

Yes

Are the computer's electronic records available for inspection and/or review?

Yes, available with limited access.

Are there written procedures for protection of the electronic records?

Yes

Are electronic signatures used in our system?

Yes

If so, do system users who electronically sign records understand that they are essentially replacing their handwritten signature with the legally binding equivalent?

Yes

Are sponsors or its designees allowed direct access to the electronic systems that contain source data?

No, we prefer to provide a printout of required documents signed by the PI to ensure authenticity.

Are there multiple access ports for internet use?

Yes, Cable, DSL and wireless

What Windows Operating System (OS) and Service Pack (SP) is used?

Windows 7 Service Pack 1

What is the computer's processor speed?

Speed: All >i5_3570 CPU @ 3.40GHz 3.40

What is the computer's memory (RAM)?

Memory exceeds requirements (minimum = 4GB)

What is the monitor's display resolution?

Resolution exceeds requirements (minimum = 1024 X 768 with a Super Video Graphics Adapter (SVGA)

What is the Internet Explorer (IE) version?

IE Version: 8 on all machines

Are there CD-ROM drives?

Yes (minimum = DVD +/- RW)

Is a computer available for EDC data entry at all times throughout the whole term of the study?

Yes

How do the computers connect to the internet?

Broadband (LAN, Cable, ADSL, DSL and wireless)

Are there monthly usage limitations for access to the Internet?

No

Is internet security software installed on the computer?

Yes (Virus software, Spyware blocker, etc.)

Can the CRA connect to the internet while on-site?

Yes

Can a dedicated fax line be established for a study?

Yes

Equipment for Research Trials

Is a -70°C/-20° C specimen storage freezer available? If so, are the freezers alarmed and monitored?

Yes. Freezers are available and monitored 24/7 by an automated centralized electronic system.

What other equipment is available?

Other available equipment includes (but not limited to):

- 12-Lead ECG
- Refrigerator
- Treadmill
- Pulse Oximeter
- · Ultra-sonic Nebulizer
- Metabolic Cart for CPET
- Body Plethysmograph (Body Box)
- · Non-Refrigerated Centrifuge
- Refrigerated Centrifuge
- Cycle Ergometer
- · Access to dry ice

Cincinnati Children's Hospital Medical Center Statistical Highlights (fiscal 2017)

PATIENT CARE

Admissions (includes short stay)	33,017
Emergency and Urgent Care Visits	179,857
Outpatient Visits (includes neighborhood locations)	
Duimanu Cara	CC F22

Specialty 984,448

SURGICAL PROCEDURES

6,436 Outpatient (includes neighborhood locations) 25,810 45,424 **Surgical Hours Patient Encounters** 1,307,479

FACULTY AND STAFF

Faculty members Clinical Fellows Research Postdoctoral Fellows **Pediatric Residents Active Medical Staff** 1,904 **Total Employees** 15,750

Participant Recruitment and Retention Tactics

The Office for Clinical and Translational Research (OCTR) marketing staff works with Cincinnati Children's researchers to assess recruitment needs of research studies, construct plans, and implement actions that ensure targeted and effective recruitment and retention efforts. The OCTR marketing staff have marketing and communications degrees, as well as extensive professional experience in health care marketing, advertising, public relations and communications.

Recruitment

Depending on the individual recruitment and retention needs of the study (and the extent of the recruitment budget), a participant recruitment plan is customized using various appropriate strategies and tactics. Some of the recruitment tactics include:

- Printed materials including flyers, posters, brochures, postcards, etc.
- 80-plus recruitment stations (within Cincinnati Children's facilities and in the community), each displaying 10-36 branded individual clinical study flyers (specifically targeted to that location's demographics, when possible). Study information from recruitment stations has been very effective with minority population recruitment.
- Internet and intranet—using the Cincinnati Children's web site, local and national support association web sites, targeted web advertising
- Email—using Cincinnati Children's internal email system (Outlook) to more than 20,000 email boxes. Study information is frequently forwarded to family and friends in the community.
- Social media including Facebook (facebook.com/ cincinnatichildrensstudies), Pinterest (pinterest.com/cincykidstrials) and Twitter (@CincyChildrens)
- Facilitating Cincinnati Children's outpatient and satellite clinics, and community-based practice referrals
- Cincinnati Children's publications including print and electronic newsletters, magazines and other publications
- E-newsletter/updates sent to database of interested potential participants/households
- Paid advertising—locally, regionally and nationally—on radio, television, social media, newspaper (daily and community), as well as special interest magazines such as "Cincinnati Family," "Cincinnati Parent," Super Shopper, REACH Magazine and others
- · Community events such as school and community health fairs where face-to-face contact may be made and study materials distributed
- Public relations activities through collaborations with Cincinnati Children's Marketing and Communications Department including local and national television, radio, internet, print and other media opportunities
- Support groups—partnering with community support groups (locally and nationally) to disseminate study information through group web sites, networks, newsletters, special events/meetings and in-person presentations

Retention

Participant retention tactics are tailored to the individual needs of each study. Some of the retention tactics include:

- Creating study or institution branded participant reminder notes, birthday cards, magnets, stickers, appointment cards, post cards, mugs and many more appropriate promotional items
- Developing special promotions to encourage/remind participants of required compliance, an appointment or other study related activity
- Facilitating the creation of study specific web sites to communicate/interact with the study population
- Coordinating, writing and publishing study newsletters—both electronic and hard-copy versions
- Cultivating relations with internal and community support groups to pursue joint ventures in order to reach their constituents (and families) via their communication tools, networks and special events
- Implementing social media tactics such as Facebook to establish a study page providing ongoing information to cultivate study participants' attention
- Planning special events and group activities for study participants
- · Identifying and branding appropriate small recognition gifts and certificates for participants to foster a sense of accomplishment and recognition for reaching study goals

Participant Population

Cincinnati Children's recruits pediatric and adult participants from the Greater Cincinnati area including eight counties in Southwestern Ohio, Southeastern Indiana and Northern Kentucky Currently, our breakdown is as follows:

Race and Gender of Patients

- 18.7 percent African-American
- 0.1 percent American Indian/Alaska Native
- 1.6 percent Asian/Pacific
- 63.7 percent Caucasian
- 0.1 percent Native Hawaiian/other Pacific Islander
- 15.8 percent other
- 50.6 percent Female
- 49.1 percent Male

Investigator Experience

More than 100 therapeutic areas (for a complete list visit cincinnatichildrens.org—Our Clinical Services tab on the home page)

drug, other)

Allergies (inhaled, food,

Attention Deficit Disorder/ Attention Deficit Hyperactivity Disorder

Adolescent Medicine including Gynecology and Psychiatry

Aerodigestive Disorders

Amyotrophic Lateral Sclerosis (ALS)

Arthrogryposis

Asthma Audiology

Autism Spectrum Disorders

Autoimmune Disorders

Bariatric Surgery **Bioinformatics**

Blood and Marrow

Transplantation

Bone Formation Disorders

Brachial Plexus Injuries

Brain Tumor

Cardiac Transplantation

Cardiovascular Disorders and Malformations

Cerebral Palsy

Congenital Cardiac Malformations

Congenital Diaphragmatic Hernia

Congenital Lung Malformations

Connective Tissue/ Skeletal Dysplasias

Marfan Syndrome/Ehlers Danlos Syndrome

Contraceptives

Cystic Fibrosis

Dermatology

Diabetes Mellitus (Type I and II)

Down Syndrome

Drug Metabolism, Pharmacodynamics and Pharmacokinetics Dual Diagnosis of

Developmental Disability/ Mental Health Disorder

Dyspraxia

Eating Disorders

Eosinophilic Disorders

Epilepsy

Esophageal Disorders

Facial Plastic Reconstruction

Fanconi Anemia

Fragile X Syndrome

Gastrointestinal Diseases

Gaucher Disease

Growth Disorders

Headache Disorders

Head and Neck Disorders

Head Trauma

Hemangioma and Vascular Malformations

Hematologic Disorders

Hemophilia

Hereditary Cancer

Hirsutism Histiocytosis

Home Ventilator Program

Hypertension

Hypoglycemia

Imaging (all organ systems)

CT

MRI and MRA

Fluoroscopy

Ultrasound

· PET Scanning

Nuclear Imaging

Immotile Cilia Syndrome

Immunodeficiencies

Infectious Diseases

Inflammatory Bowel Disease

Intestine Transplantation

Juvenile Rheumatoid Arthritis

Kidney Disorders

Kidney Transplantation

Laryngeal Disorders

Learning Disabilities

Leukemia

Liver Disease

Liver Transplantation

Lysosomal Disease

Mental Retardation

Menstrual Disorders

Metabolic Disorders

Motility Disturbances

Multiple Anomalies

Muscular Dystrophy

Myelomeningocele

Neurological Diseases

Neuromuscular Diseases

Obesity

Obsessive Compulsive Disorder

Ophthalmic Diseases

Otitis Media

Pain Management

Pervasive Developmental

Disorders

Pediatrics

Pediatric Trauma

Pneumonia

Polycystic Ovarian Syndrome

Psychiatric Disorders

Psychological and Behavioral

Disorders

Pulmonary Hemosiderosis

Rheumatic Disorders

Rhinitis

Rubinstein-Taybi Syndrome

Scoliosis

Seizure Disorders

Sexual Development Disorders

Sexually Transmitted Diseases

Short Gut Syndrome

Sickle Cell Anemia

Sinusitis

Skin and Soft Tissue Disorders

Sleep Disorders

Small Bowel Transplantation

Speech Disorders

Spina Bifida

Sports Injuries, Care, Prevention

and Performance Training

Stroke

Systemic Lupus Erythematosis

Systems Biology

Thyroid Disorders

Tonsillitis

Tourette Syndrome

Transplantation

· Blood and bone marrow

Heart

Kidney

Liver

Lung

· Small bowel

Trauma Medicine

Tuberous Sclerosis

Turner Syndrome Upper Airway Obstruction

Urologic Problems

Vaccine Development and

Research

Velopharyngeal Dysfunction

Voiding Dysfunction

Adult Therapeutic Areas

Adult Genetic Disorders— Hemochromatosis,

Hypercholesterolemia and Polycystic Kidney Disease

Centers of Expertise

Cincinnati Children's has more than 100 centers of major clinical studies expertise, which are also affiliated with other treatment and research centers nationally and internationally.

Acute Pain Service

Adult Genetics Clinic

Aerodigestive and Sleep Center

Asthma Center

Autism-Kelly O'Leary Center for Autism

Blood Disease Center

Brachial Plexus Center

Cancer and Blood Disease Institute

Cardiac Intensive Care Unit

Catheterization and Interventional Cardiology

Center for Attention Deficit Hyperactivity Disorder

Center for Autoimmune Genomics and Etiology

Center for Heritable Immunodeficiencies

Center for Infants and Children with Special Needs

Central Venous Catheter Program

Cerebral Palsy Clinic

Child Abuse Team / Mayerson Center

Chronic Ventilation Program

Cincinnati Center for Eosinophilic Disorders

Cincinnati Center for Nutrition Research and Analysis

Cincinnati Neurofibromatosis Center

Cleff and Craniofacial Center

Clinic for Systemic Lupus Erythematosus

Clinical Neuropharmacology Laboratory

Cochlear Implant Program

Colorectal Center

Complex Care Center

Comprehensive Epilepsy Center

Comprehensive Neuromuscular Center

Comprehensive Weight Management Center

Congenital Diaphragmatic Hernia Team

Connective Tissue/Skeletal Dysplasias Clinic

Cystic Fibrosis Center

Developmental Assessment for Infants/Toddlers

Diabetes Center

Dialysis Unit

Eczema Center

Electrophysiology

End-Stage Renal Disease Care Program

Enteral Access Clinic

Epidermolysis Bullosa (EB) Center

Epilepsy Program

Esophageal Center

Fanconi Anemia Comprehensive Care Center

Feeding Team

Fetal Care Center of Cincinnati

Food Allergy Clinic

Gaucher Disease Treatment Center

Genetics Outreach Clinics

Growth Disorders

Hand and Upper Extremity Center

Headache Center

Hearing and Deafness Research Center

Heart Institute

Heart Transplant

Hemangioma and Vascular Malformation Center

Hereditary Cancer Program

High-Risk Infant Follow-up Clinic

Hip Deformity Service

Human Genetics Metabolic Diseases Clinic

Hypertension Clinic

Immunodeficiencies and Histiocytosis Program

IBD—Schubert-Martin Inflammatory **Bowel Disease Center**

Inpatient Rehabilitation

International Adoption Center

Interventional Radiology

Intestinal Care Center

JRA Affected Sib-Pairs Registry

Juvenile Arthritis Special Treatment Center

Kidney Clinic/Institute/Transplant Program

Lactation Education Resource Center

Liver Care Center

Lysosomal Disease Center

Marfan / Ehlers Danlos Syndrome Clinic

Molecular and Genetic Cardiology

Molecular Genetics Laboratory Services

Movement Disorder Clinic

Myelomeningocele Clinic

Neurobehavioral Clinic

Neurofibromatosis Program

Neurogastroenterology and Motility Disorders Program

Neurometabolic Program

Neuromuscular Program

Neuropsychological Evaluation

New Onset Seizure Clinic

Nutrition and Intestinal Care Center

Office for Clinical and Translational Research

Outpatient Centers

Pain Management Clinic

Pediatric Nephrology Center of Excellence

Perinatal Institute

Plastic Surgery Clinic

Preventative Cardiology

Process Improvement and **Outcomes Research**

Psychiatric Intake Response Center

Rare Lung Diseases Program

Regional Center for Newborn Intensive Care (RCNIC)

Rubinstein-Taybi Syndrome Program

Sickle Cell and Hemoglobin Disorders Center

Skin Sciences Institute

Sleep Disorders Center

Spine—Alvin H. Crawford Spine Center

Smoking Cessation

Sports Medicine Biodynamics Center

StarShine Hospice

Teen Health Center

Tourette Syndrome Clinic

Trauma Services

Tuberous Sclerosis Program

Turner Syndrome Clinic

Upper Airway Center

Urogenital Center

Vaccine and Treatment **Evaluation Unit (VTEU)**

Velopharyngeal Dysfunction

Voiding Dysfunction Center

Youth Shyness Program

Additional Information

Data regarding specific patient populations, procedures and/or capabilities is available upon request.

Contact:

Cincinnati Children's Hospital Medical Center Research Foundation Office for Clinical and Translational Research 3333 Burnet Avenue, MLC 7004 Cincinnati, OH 45229

513-636-3232 (office) 513-636-0168 (fax)

octr@cchmc.org

Site visits arranged by appointment

We look forward to working with you on future studies. Thank you.



