

GENERAL CLINICAL RESEARCH CENTER

CIBR: Center for Innovative Biomedical Resources

GCRC FACILITIES

The GCRC is located in the University of Maryland Medical Center, South Hospital, occupying the C&D wings on the tenth floor.

Our Outpatient facility on 10 South, D Wing includes:

- Four outpatient exam rooms
- Upgraded equipment for up to 5 bays in large room to accommodate phase 1 and 2a clinical trials
- Large outpatient treatment area
- A nursing station with computer workstations



Other outpatient area assets include:

- DEXA (Dual Energy X-Ray Absorptiometry) Facility
- Specimen Processing Lab
- Countertop Refrigerated Centrifuge
- Refrigerator, -20 and -70 freezer for temporary storage
- Reception and Waiting Areas
- Emergency equipment (UMMC crash carts)
- Class 2, Type A1 Biosafety cabinet
- Microscopes

Our flexible Inpatient/Outpatient facility on 10 South, C Wing includes:

- Five patient rooms- available for outpatient or inpatient visits up to double occupancy
- Specimen Processing Lab
- Procedure room
- 24 hour nursing care
- Kitchen/Activities Lounge
- Nursing station with computer workstation, EPIC access
- Countertop Refrigerated Centrifuge
- Omnicell



MISSION

The General Clinical Research Center (GCRC) is the cornerstone for clinical research within the University of Maryland. The GCRC supports the full spectrum of patient-oriented research.

The GCRC is available to all University of Maryland investigators who have a need for Center resources and who will conduct clinical research of scientific merit. Studies funded by federal sources, foundations, industry and other sources are welcome. The GCRC welcomes pilot studies that may lead to future peer-reviewed clinical research.

The GCRC can provide investigators with the resources they need to conduct clinical research, including nursing support and the facilities for inpatient and outpatient data collection and patient care, as well as a state-of-the-art DEXA Facility.

GCRC Staff

The GCRC Nursing staff have the necessary education, certification and skills to provide quality research participant care. Staff training is an ongoing activity that assures all staff are competent to perform the skills required by GCRC Investigators. The Nursing staff is an integral part of the GCRC's Quality Assurance program to assure the highest standards of research conduct and documentation. All nursing staff are BLS certified, some are ACLS certified.

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CLINICAL SERVICES

Physical Examination and Monitoring

- Vital Signs, Weight, Height
- Serial BP Monitoring
- Intensive Physiologic Monitoring
- Pulse Oximetry
- Psychomotor/Cognitive Testing
- Activity Monitoring
- Intake/Output
- Anthropometry
- Doppler measurement

Subject Teaching

- Glucose Monitoring
- Medication Administration
- Protocol-specific Instructions

Specimen Collection/Processing

- Phlebotomy
- Serum Separation
- Multiple Specimen Aliquots
- Multiple Blood Samples from IV Access (e.g., PK sampling)
- Buffy Coat Extraction
- Urine Pregnancy Tests
- 24-hour Urine Collection
- Blood Glucose Monitoring
- Hemoglobin

Investigational Drug Administration

- Certified Chemotherapy/Biologic Administration

Special Testing/Procedures

- IV and Oral Glucose Tolerance Test
- Spirometry
- O₂ Administration
- GFR Testing
- Skin Testing
- DEXA Scan (on-site)
- Chemotherapy Infusion
- 12 Lead Electrocardiogram
- Assistance with Bone/Skin/Muscle/Fat Biopsy
- Anthropometric Measurements
- Bioelectrical Impedance Assessments (BIA)

Other Data Collection

- Questionnaire Administration

CONTACT



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LOCATION

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The GCRC is part of the UMB Institute
for Clinical and Translational Research
(ICTR)