

CTSC Services Catalog

Clinical Research Center

Updated 10-08-14

CCRC Consultation - General	Conduct a preliminary discussion to determine the scope and needs of a specific project.
CRC - Study Coordination/Management	<p>Services available include</p> <ul style="list-style-type: none"> • budget preparation and review, • subject recruitment, • source document and CRF development, • subject visit support, and • protocol training.
CRC - Regulatory Support/Management	IRB preparation and review, monitoring, and audit preparation.
Research Dietitian - Consultation	Initial consultation to clarify research needs prior to finalization of protocols involving nutrition intervention/evaluation.
Research Dietitian - Food Intake Analysis	Analysis of food records with ESHA Food Processor Nutrient Analysis Software. Administer 24 hour recall, satiety and food frequency software questionnaires.
Research Dietitian - Meal Planning	Metabolic and calorie-controlled meal planning.
Research Dietitian - Nutritional counseling education	Development of educational materials based on the needs of the study protocol. Provide nutrition or exercise education via phone, class or individual appointment.
Exercise Physiologist - Initial Consultation	Consultation to assist investigators in developing protocols involving exercise physiology, intervention body composition, and energy metabolism.
Exercise Physiologist - Extended Consultation	Help investigators process, analyze and interpret the data derived from the study in a useful, meaningful format and help interpret what the results means with regard to health and metabolism.
Exercise Physiologist - Body Composition Measurement (Anthropometric Measurements)	Multiple noninvasive, quantitative techniques for determining body fat composition by measuring, recording, and analyzing specific dimensions of the body, such as height and weight; skin-fold thickness; and circumference at the waist, hip, and chest.
Exercise Physiologist - Body Composition Measurement (Bioelectrical Impedance Spectroscopy (BIS))	Noninvasive method used for determining total body water, as well as changes in body composition specifically, fat free mass, fat mass and total body fat.

Exercise Physiologist - Body Composition Measurement/Bone Density Measurement (Dual energy X-ray absorptiometry (DEXA))	Assessment of bone density in the spine, hip and forearm as well as body composition (body fat and lean mass), using the most recent NHANES reference data.
Exercise Physiologist - Energy Expenditure (Activity Monitoring)	Polar 810i heart rate monitors and Actigraph GT1M accelerometers are used to measure heart rate, activity, and energy expenditure in the lab or in the field.
Exercise Physiologist - Energy Expenditure (Exercise Testing)	The Quinton Q-Stress System directly interfaces with the Quinton TM55 treadmill for performing cardiac exercise testing or basic stress tests. The treadmill can also be used in protocols requiring fitness training.
Exercise Physiologist - Energy Expenditure (Indirect Calorimetry)	The ParvoMedics metabolic cart measures energy expenditure at rest and during exercise as well as measuring the thermic effect of food on metabolism during a controlled diet.
Exercise Physiologist - Exercise Planning and Patient Education	Develop educational materials based on the study protocol. Provide exercise education via phone, class or individual appointment.
Exercise Physiologist - Hand Held Dynamometry	The hand-held dynamometer (HHD) is a portable device used to measure hand or grip strength. For example, It can be used to measure strength changes due to trauma or various neurological changes.
Exercise Physiologist - Manual Muscle Testing	Manual muscle testing is used to determine the degree of muscular strength changes resulting from disease, injury or atrophy. It is a means of testing the function and strength of individual muscles and/or groups.
Phlebotomist	Can be provided at locations throughout the community, including a subject's home.
Lab Technician	Simple specimen processing.
Lab Technician	Complex specimen processing.
Lab Technician	DNA/RNA isolation.
Lab Technician	Multiplex cytokine/chemokine and metabolic analyses.
Lab Technician	Specimen shipping.
Nurse Practitioner	History and physical, focused assessments.
Nurse Practitioner	Invasive procedure (i.e., skin biopsy, fat biopsy).
Nurse Practitioner	Clinical monitoring.
Nurse Practitioner	Specialized orders and flow sheets.
Clinical Research Nurse	Adverse Event documentation and management.
Clinical Research Nurse	Biopsy assist (i.e., fat, muscle, and liver).
Clinical Research Nurse	Central line access and site care.
Clinical Research Nurse	Chart reviews.
Clinical Research Nurse	Chemotherapy administration.

Clinical Research Nurse	Conscious sedation.
Clinical Research Nurse	Continuous infusions (investigational or approved drugs).
Clinical Research Nurse	Continuous pulse and BP monitoring.
Clinical Research Nurse	5L cardiac monitoring and 12 Lead EKG.
Clinical Research Nurse	Glucose monitoring.
Clinical Research Nurse	Insulin clamp.
Clinical Research Nurse	IV and Oral Glucose Tolerance Testing.
Clinical Research Nurse	Peripheral line access and maintenance.
Clinical Research Nurse	Serial blood sampling (PK/PD Studies).
Clinical Research Nurse	Source document and Case Report Form development.
Clinical Research Nurse	Specimen processing.
Clinical Research Nurse	Standardized orders and flow sheets.
Clinical Research Nurse	Qualitative data collection.