SERVICE REQUEST FORM FOR HUMAN PHENOTYPING CORE

IMAGE ANALYSIS LABORATORY (IAL)
NEW YORK OBESITY NUTRITION RESEARCH CENTER

PROJECT PI: *Last Name*_____, *First Name*_____

Phone#: _____ *EMAIL:* _____

PROJECT TITLE: _____

_____

NUMBER OF SUBJECTS TO BE MEASURED: N=_____; **TIME POINTS**:_____

_____**M**, _____**F** **AGE RANGE:** ____ **TO** ____

Note: Below are the most commonly requested analyses. Please contact the Image Analysis Lab Director for advanced protocols and customized protocols and associated quotes.

Measurement	Type	Member	Academic Non-Member	
❑ MRI				
❑ Whole body MRI	Subcutaneous, visceral, intramuscular adipose tissue, skeletal muscle, and residual in whole body and regions of Arms, trunk, and legs			
❑ Abdominal MRI	Subcutaneous, visceral, intramuscular adipose tissue, skeletal muscle, and residual in abdomen			
❑ Lower leg MRI	Subcutaneous, intramuscular adipose tissue, skeletal muscle, and residual in legs			
❑ Single slice MRI at abdomen	Subcutaneous, visceral, intramuscular adipose tissue, skeletal muscle, and residual tissue areas; deep and superficial subcutaneous adipose tissue upon request.			
❑ Organ volume analysis	Liver, spleen, kidneys, lungs,			
❑ Brain volume analysis				
❑ Bone marrow analysis	Bone marrow adipose tissue			
❑ Epicardial and pericardia adipose tissue				
❑ Ovary and follicle analysis				
❑ Cortical bone analysis	Cortical bone area or volume			
❑ Airway diameter analysis				
❑ MRS fat quantification for liver, muscle, pancreas, and bone marrow				
❑ Each site	Organ, bone marrow or muscle fat			
❑ 31P MRS analysis				
❑ 3He and 129Xe MRI analysis				
❑ Dixon method for organ and tissue fat quantification	Liver, pancreas, muscle			
❑ CT				

❑ Abdominal CT	Subcutaneous, visceral, intramuscular adipose tissue, skeletal muscle, and residual in abdomen			
❑ Single slice CT at abdomen	Subcutaneous, visceral, intramuscular adipose tissue, skeletal muscle, and residual tissue areas, superficial subcutaneous adipose tissue upon request.			
❑ Airway diameter analysis				
❑ Other customized analysis for MRI, CT or other image modality analysis (please describe briefly your need)				

For inquiries or cost information, please contact WS2003@columbia.edu

Queries from industry sponsored users are welcome and should be sent to the director.