The CTSI Clinical Research Services (CTSI-CRS) program offers infrastructure and services at multiple locations. These units are available to UCSF investigators and provide specialized research services, including skilled nursing for a wide variety of multidisciplinary clinical research protocols conducted in both inpatient and outpatient settings. The CRS provides services to more than 200 clinical investigators, representing the UCSF Schools of Medicine, Nursing, and Pharmacy. The CRS provides Nursing, Sample Processing, Body Composition, Neuropsychological Development, and Neonatal Clinical Research cores.

**CRS Inpatient Units**

* Theadult unit at **Moffitt Hospital** is comprised of 2 inpatient beds. Protocols include the Islet Cell Transplant program, Fronto-temporal Dementia studies, CJD protocols, Drugs of Abuse NIDA studies, and the large Brain Tumor Consortium Clinical Trials.
* The 5270 sq. ft. adult unit at **San Francisco General Hospital** includes 8 inpatient beds. The world-renowned unit develops treatment and prevention innovations for diseases that particularly afflict vulnerable urban populations.

**CRS Outpatient Units**

* The **UCSF Clinical Research Center at Parnassus** features 2500 sq. ft. of newly renovated outpatient space and it includes multiple exam and procedure rooms.
* The **Pediatric Clinical Research Center**, located at UCSF Benioff Children’s Hospital, is a 3080 sq. ft. facility. Acute care mobile research nurse staff also complete research procedures and data collection within inpatient Pediatric units
* The outpatient unit at **San Francisco Veterans Affairs Medical Center (VAMC)** includes an outpatient suite and consultation rooms with 202 sq. ft. of exclusive use facilities and 445 sq. ft. of shared use facilities.

**Other CRS Cores**

* The **Sample Processing Core** supports more than 200 clinical research protocols annually. Dedicated laboratories are located at Parnassus, SFGH, Mission Bay, and Mount Zion Hospitals, comprising 1600 sq. ft. in total. Each facility is staffed with dedicated research laboratory technicians. Services available include routine sample processing, shipping of hazardous materials, PBMC isolation and viable cryopreservation of cells, and short-term sample storage.
* The **Body Composition, Exercise Physiology and Energy Metabolism Core** provides diverse services to support multiple principal investigators at the Parnassus campus. Exercise testing services include treadmill testing, cycle ergometry, 6-minute walk tests, gait-speed, and shuttle walk. Other services offered include muscle function testing, respiratory gas analysis, high resolution 3D optical whole body scanning, bioimpedance measures, and DXA scanning.
* The **Neuropsychological Development Core** carries out extensive neuropsychological evaluations of children with various medical conditions who participate in medical studies under the auspices of the CRS. The association between neuropsychological outcomes and imaging studies, as well as clinical phenotype, is an important component of the pediatric clinical research portfolio. Besides the direct neuropsychological assessment of children, this work has increasingly included participation in study design for upcoming projects and consultation about choice of goal-appropriate measures, test use, scoring, data collection in ongoing studies, as well as the publication of findings. When appropriate, services will be provided to investigators at other CRS units with neuro-developmental assessments.
* The **Neonatal Clinical Research Center** facilitates the research process through support of multidisciplinary investigators in the conduct of innovative clinical research in the UCSF Neonatal Intensive Care Unit (NICU), Pediatric Intensive Care Unit (PICU), and Pediatric Cardiac Intensive Care Units (PCIC). A Clinical Research Coordinator offers the following services: eligibility screening, coordination of procedure scheduling and follow-up with the families of participants.