

New FY20-21 CRS Research Nursing Rates

for Budgeting after 6/30/2020

* CTSI's contribution include subsidy and 14% administrative cost.

* CTSI will contribute additional 10% administrative cost for FY19-20.

* CTSI will contribute additional 7% administrative cost for FY20-21 nursing intensity service.

CTSI Research Outpatient Procedure Rate									
Procedure	Unit	New Full and Industry Rate 0% Subsidy as of 7/1/2020	CTSI	Investigators	CTSI	Investigators	CTSI	Investigators	External Rate (+IDC 26%)
			Contribution for budgets approved on or before 6/30/2016	Contribution CRS Budgets approved on or before 6/30/2016 NIH 60% Subsidy	Contribution for budgets approved on or after 7/1/2016	Contribution CRS Budgets approved on or after 7/1/2016 NIH 40% Subsidy	Contribution for budgets approved on or after 7/1/2017	Contribution CRS Budgets approved on or after 7/1/2017 NIH 35% Subsidy	
Apheresis (Leukapheresis) - AICR Only	procedure	\$2,970.73	\$2,150.81	\$819.92	\$1,740.85	\$1,229.88	\$1,638.36	\$1,332.37	\$3,743.12
Bone Biopsy Assistance	procedure	\$159.15	\$115.22	\$43.93	\$93.26	\$65.89	\$87.77	\$71.38	\$200.53
Bronchoscopy Assistance (standard ZSFG Only)	procedure	\$636.60	\$460.90	\$175.70	\$373.05	\$263.55	\$351.08	\$285.52	\$802.12
Direct Venipuncture ≤ 4 tubes	procedure	\$39.79	\$28.81	\$10.98	\$23.32	\$16.47	\$21.94	\$17.84	\$50.13
Direct Venipuncture ≥ 5 tubes	procedure	\$79.58	\$57.61	\$21.96	\$46.63	\$32.94	\$43.89	\$35.69	\$100.26
Peds Direct Venipuncture	procedure	\$79.58	\$57.61	\$21.96	\$46.63	\$32.94	\$43.89	\$35.69	\$100.26
ECG (12 lead) Per time-point, No interpretation	time-point	\$52.52	\$38.02	\$14.50	\$30.78	\$21.74	\$28.96	\$23.55	\$66.17
Facility Use (15mins increments)	15 mins	\$10.93	\$7.61	\$3.32	\$5.95	\$4.99	\$5.53	\$5.40	\$13.77
Fat Biopsy Assistance	procedure	\$52.52	\$38.02	\$14.50	\$30.78	\$21.74	\$28.96	\$23.55	\$66.17
Glomerular Filtration Rate for 3hr Test	test	\$636.60	\$460.90	\$175.70	\$373.05	\$263.55	\$351.08	\$285.52	\$802.12
Glomerular Filtration Rate for 4hr Test	test	\$848.80	\$614.53	\$234.27	\$497.40	\$351.40	\$468.11	\$380.69	\$1,069.49
Hydration - IV	procedure	\$159.15	\$115.22	\$43.93	\$93.26	\$65.89	\$87.77	\$71.38	\$200.53
Hyperinsulinemic-Euglycemic Clamp	procedure	\$1,697.56	\$1,229.03	\$468.53	\$994.77	\$702.79	\$936.20	\$761.36	\$2,138.93
Large Volume Blood Collection up to 500cc	procedure	\$424.39	\$307.26	\$117.13	\$248.69	\$175.70	\$234.05	\$190.34	\$534.73
Liver Biopsy Assistance (ZSFG Only)	procedure	\$1,061.00	\$768.16	\$292.84	\$621.75	\$439.25	\$585.14	\$475.86	\$1,336.86
Lumbar Puncture Assistance	procedure	\$52.52	\$38.02	\$14.50	\$30.78	\$21.74	\$28.96	\$23.55	\$66.17
Med Admin -High Risk require high acuity monitoring	procedure	\$424.40	\$307.27	\$117.13	\$248.70	\$175.70	\$234.06	\$190.34	\$534.74
Medication Administration (Standard)	procedure	\$159.15	\$115.22	\$43.93	\$93.26	\$65.89	\$87.77	\$71.38	\$200.53
Medication Administration (IV)	procedure	\$212.20	\$153.63	\$58.57	\$124.35	\$87.85	\$117.03	\$95.17	\$267.37
Med admin - Additional infusion hours	procedure	\$212.20	\$153.63	\$58.57	\$124.35	\$87.85	\$117.03	\$95.17	\$267.37
Med admin- non IV	procedure	\$79.58	\$57.61	\$21.96	\$46.63	\$32.94	\$43.89	\$35.69	\$100.26
Mixed Meal Tolerance -2-hr	procedure	\$318.30	\$230.45	\$87.85	\$186.52	\$131.78	\$175.54	\$142.76	\$401.06
Mixed Meal Tolerance -4 hr	procedure	\$636.60	\$460.90	\$175.70	\$373.05	\$263.55	\$351.08	\$285.52	\$802.12
Muscle Biopsy Assistance	procedure	\$52.52	\$38.02	\$14.50	\$30.78	\$21.74	\$28.96	\$23.55	\$66.17
Node Biopsy Assistance	procedure	\$318.30	\$230.45	\$87.85	\$186.52	\$131.78	\$175.54	\$142.76	\$401.06
Non-Investigational Medications	procedure	\$106.10	\$76.82	\$29.28	\$62.17	\$43.93	\$58.51	\$47.59	\$133.69
Observation	procedure	\$159.15	\$115.22	\$43.93	\$93.26	\$65.89	\$87.77	\$71.38	\$200.53
OGTT 2 hour test	test	\$318.30	\$230.45	\$87.85	\$186.52	\$131.78	\$175.54	\$142.76	\$401.06
OGTT 3 hour test	test	\$477.45	\$345.67	\$131.78	\$279.79	\$197.66	\$263.31	\$214.14	\$601.59
Patient Monitoring Post Treatment (standard)	hr	\$159.15	\$115.22	\$43.93	\$93.26	\$65.89	\$87.77	\$71.38	\$200.53
Patient Teaching	procedure	\$106.10	\$76.82	\$29.28	\$62.17	\$43.93	\$58.51	\$47.59	\$133.69
Pediatric food challenge	procedure	\$424.40	\$307.27	\$117.13	\$248.70	\$175.70	\$234.06	\$190.34	\$534.74
Pediatric food challenge additional hour	procedure	\$212.20	\$153.63	\$58.57	\$124.35	\$87.85	\$117.03	\$95.17	\$267.37
PK Serial Blood Testing (without observation)	time point	\$79.58	\$57.61	\$21.96	\$46.63	\$32.94	\$43.89	\$35.69	\$100.26
PK Serial Blood Testing (w/ observation)	time point	\$159.15	\$115.22	\$43.93	\$93.26	\$65.89	\$87.77	\$71.38	\$200.53
Questionnaires / Assessments (administered by CRS staff)	procedure	\$39.79	\$28.81	\$10.98	\$23.32	\$16.47	\$21.94	\$17.84	\$50.13
Research Testing	procedure	\$39.79	\$28.81	\$10.98	\$23.32	\$16.47	\$21.94	\$17.84	\$50.13
Research Assessments by RN	procedure	\$39.79	\$28.81	\$10.98	\$23.32	\$16.47	\$21.94	\$17.84	\$50.13
Skin Testing	procedure	\$212.20	\$153.63	\$58.57	\$124.35	\$87.85	\$117.03	\$95.17	\$267.37
Specimen Collection	procedure	\$39.79	\$28.81	\$10.98	\$23.32	\$16.47	\$21.94	\$17.84	\$50.13
Vital Signs : Multiple positions	procedure	\$79.58	\$57.61	\$21.96	\$46.63	\$32.94	\$43.89	\$35.69	\$100.26
VS/Ht / Wt / BSA	procedure	\$39.79	\$28.81	\$10.98	\$23.32	\$16.47	\$21.94	\$17.84	\$50.13

CTSI Research Inpatient Rate (includes facility + nursing)									
Procedure	Unit	New Full and Industry Rate 0% Subsidy as of 7/1/2020	CTSI	Investigators	CTSI	Investigators	CTSI	Investigators	External Rate (+IDC 26%)
			Contribution for budgets approved on or before 6/30/2016	Contribution CRS Budgets approved on or before 6/30/2016 NIH 60% Subsidy	Contribution for budgets approved on or before 6/30/2016	Contribution CRS Budgets approved on or after 7/1/2016 NIH 40% Subsidy	Contribution for budgets approved on or after 7/1/2017	Contribution CRS Budgets approved on or after 7/1/2017 NIH 35% Subsidy	
Low Intensity	per day	\$3,819.60	\$2,765.39	\$1,054.21	\$2,238.29	\$1,581.31	\$2,106.51	\$1,713.09	\$4,812.70
Moderate Intensity	per day	\$5,092.80	\$3,687.19	\$1,405.61	\$2,984.38	\$2,108.42	\$2,808.68	\$2,284.12	\$6,416.93
High Intensity	per day	\$10,185.36	\$7,374.20	\$2,811.16	\$5,968.62	\$4,216.74	\$5,617.23	\$4,568.13	\$12,833.55

New FY2020-21 CRS Mobile Research Nursing Rates

for Budgeting after 6/30/2020

* CTSI's contribution include subsidy and 14% administrative cost.

* CTSI will contribute additional 10% administrative cost for FY19-20.

* CTSI will contribute additional 7% administrative cost for FY20-21 nursing intensity service.

Outpatient Procedure-based Costing Structure									
Procedure	Unit	New Full and Industry Rate 0% Subsidy as of 7/1/2020	CTSI	Investigators	CTSI	Investigators	CTSI	Investigators	External Rate (+IDC 26%)
			Contribution for budgets approved on or before 6/30/2016	Contribution CRS Budgets approved on or before 6/30/2016 NIH 60% Subsidy	Contribution for budgets approved on or after 7/1/2016	Contribution CRS Budgets approved on or after 7/1/2016 NIH 40% Subsidy	Contribution for budgets approved on or after 7/1/2017	Contribution CRS Budgets approved on or after 7/1/2017 NIH 35% Subsidy	
Bone Biopsy Assistance	procedure	\$636.59	\$460.89	\$175.70	\$373.04	\$263.55	\$351.08	\$285.51	\$802.10
Bronchoscopy Assistance (standard)	procedure	\$2,546.36	\$1,843.56	\$702.80	\$1,492.17	\$1,054.19	\$1,404.32	\$1,142.04	\$3,208.41
Direct Venipuncture ≤ 4 tubes	procedure	\$159.15	\$115.22	\$43.92	\$93.26	\$65.89	\$87.77	\$71.38	\$200.53
Direct Venipuncture ≥ 5 tubes	procedure	\$318.30	\$230.45	\$87.85	\$186.52	\$131.77	\$175.54	\$142.76	\$401.05
Peds Direct Venipuncture	procedure	\$318.30	\$230.45	\$87.85	\$186.52	\$131.77	\$175.54	\$142.76	\$401.05
ECG (12 lead) Per time-point, No interpretation	time-point	\$210.07	\$152.09	\$57.98	\$123.10	\$86.97	\$115.86	\$94.22	\$264.69
Hydration - IV	procedure	\$636.59	\$460.89	\$175.70	\$373.04	\$263.55	\$351.08	\$285.51	\$802.10
Hyperinsulinemic-Euglycemic Clamp	procedure	\$2,546.36	\$1,843.56	\$702.80	\$1,492.17	\$1,054.19	\$1,404.32	\$1,142.04	\$3,208.41
Med Admin -High Risk require high acuity monitoring	procedure	\$1,273.18	\$921.78	\$351.40	\$746.08	\$527.10	\$702.16	\$571.02	\$1,604.21
Medication Administration (Standard)	procedure	\$636.59	\$460.89	\$175.70	\$373.04	\$263.55	\$351.08	\$285.51	\$802.10
Medication Administration (IV)	procedure	\$636.59	\$460.89	\$175.70	\$373.04	\$263.55	\$351.08	\$285.51	\$802.10
Med admin - Additional infusion hours	procedure	\$636.59	\$460.89	\$175.70	\$373.04	\$263.55	\$351.08	\$285.51	\$802.10
Med admin- non IV	procedure	\$318.30	\$230.45	\$87.85	\$186.52	\$131.77	\$175.54	\$142.76	\$401.05
Muscle Biopsy Assistance	procedure	\$210.07	\$152.09	\$57.98	\$123.10	\$86.97	\$115.86	\$94.22	\$264.69
Node Biopsy Assistance	procedure	\$1,273.18	\$921.78	\$351.40	\$746.08	\$527.10	\$702.16	\$571.02	\$1,604.21
Non-Investigational Medications	procedure	\$318.30	\$230.45	\$87.85	\$186.52	\$131.77	\$175.54	\$142.76	\$401.05
Observation	procedure	\$636.59	\$460.89	\$175.70	\$373.04	\$263.55	\$351.08	\$285.51	\$802.10
Patient Monitoring Post Treatment (standard)	hr	\$636.59	\$460.89	\$175.70	\$373.04	\$263.55	\$351.08	\$285.51	\$802.10
Pediatric food challenge	procedure	\$1,273.18	\$921.78	\$351.40	\$746.08	\$527.10	\$702.16	\$571.02	\$1,604.21
Pediatric food challenge additional hour	procedure	\$636.59	\$460.89	\$175.70	\$373.04	\$263.55	\$351.08	\$285.51	\$802.10
PK Serial Blood Testing (without observation)	time point	\$318.30	\$230.45	\$87.85	\$186.52	\$131.77	\$175.54	\$142.76	\$401.05
PK Serial Blood Testing (with observation)	time point	\$636.59	\$460.89	\$175.70	\$373.04	\$263.55	\$351.08	\$285.51	\$802.10
Research Testing	procedure	\$159.15	\$115.22	\$43.92	\$93.26	\$65.89	\$87.77	\$71.38	\$200.53
Research Assessments by RN	procedure	\$159.15	\$115.22	\$43.92	\$93.26	\$65.89	\$87.77	\$71.38	\$200.53
Specimen Collection	procedure	\$159.15	\$115.22	\$43.92	\$93.26	\$65.89	\$87.77	\$71.38	\$200.53
Vital Signs : Multiple positions	procedure	\$318.30	\$230.45	\$87.85	\$186.52	\$131.77	\$175.54	\$142.76	\$401.05
VS/Ht / Wt / BSA	procedure	\$159.15	\$115.22	\$43.92	\$93.26	\$65.89	\$87.77	\$71.38	\$200.53

**New FY2018-2019 SPL Recharge Rate
for Budgeting after 6/30/2018**

* CTSI's contribution include subsidy and 14% administrative cost.

<u>Procedure</u>	<u>Unit</u>	<u>New Full and Industry Rate of 7/1/2018</u>	<u>CTSI Contribution for budgets approved on or before 6/30/2016</u>	<u>Investigators Contribution CRS Budgets approved on or before 6/30/2016 NIH 60% Subsidy</u>	<u>CTSI Contribution for budgets approved on or after 7/1/2016</u>	<u>Investigators Contribution CRS Budgets approved on or after 7/1/2016 NIH 40% Subsidy</u>	<u>CTSI Contribution for budgets approved on or after 7/1/2017</u>	<u>Investigators Contribution CRS Budgets approved on or after 7/1/2017 NIH 35% Subsidy</u>	<u>External Rate (+HDC 26%)</u>
Serum or Plasma, processing and aliquoting	per tube	\$11.24	\$7.38	\$3.87	\$5.44	\$5.80	\$4.96	\$6.29	\$14.17
Whole Blood, send-outs (Quest, DNA Bank, etc.)	per tube	\$3.21	\$2.11	\$1.11	\$1.56	\$1.66	\$1.42	\$1.80	\$4.05
Urine Processing and Aliquoting	per tube	\$8.67	\$5.69	\$2.98	\$4.20	\$4.48	\$3.83	\$4.85	\$10.93
Saliva Processing and Aliquoting	per tube	\$40.47	\$26.55	\$13.92	\$19.59	\$20.88	\$17.85	\$22.62	\$50.99
CSF Processing and Aliquoting	per tube	\$8.66	\$5.68	\$2.98	\$4.19	\$4.47	\$3.82	\$4.84	\$10.91
Non-Routine processing - 11 or more aliquots	per tube	\$17.31	\$11.36	\$5.95	\$8.38	\$8.93	\$7.63	\$9.68	\$21.81
Sample storage, freezer or refrigerator	per vial/per mo	\$1.28	\$0.84	\$0.44	\$0.62	\$0.66	\$0.57	\$0.72	\$1.62
Shipment, ambient or cold packs	per box	\$8.83	\$5.79	\$3.04	\$4.27	\$4.56	\$3.89	\$4.94	\$11.13
PBMC Isolation (21-40mL)	per tube	\$88.21	\$57.87	\$30.35	\$42.70	\$45.52	\$38.90	\$49.31	\$111.15
Custom processing	per hour	\$32.12	\$21.07	\$11.05	\$15.55	\$16.58	\$14.17	\$17.96	\$40.48
Amiotic Fluid	per tube	\$13.48	\$8.84	\$4.64	\$6.52	\$6.96	\$5.94	\$7.54	\$16.98
Stool	per tube	\$3.21	\$2.11	\$1.11	\$1.56	\$1.66	\$1.42	\$1.80	\$4.05
Buccal	per tube	\$3.21	\$2.11	\$1.11	\$1.56	\$1.66	\$1.42	\$1.80	\$4.05
Biopsy	per tube	\$3.21	\$2.11	\$1.11	\$1.56	\$1.66	\$1.42	\$1.80	\$4.05
Data Management	per hour	\$16.06	\$10.54	\$5.52	\$7.77	\$8.29	\$7.08	\$8.98	\$20.24

**New FY2018-2019 CRS Body Comp & Exercise Testing Recharge Rate
for Budgeting after 6/30/2018**

* CTSI's contribution include subsidy and 14% administrative cost.

Procedure	Unit	Measure	New Full and Industry Rate of 7/1/2018	CTSI Contribution for budgets approved on or before 6/30/2016	Investigator's Contribution CRS Budgets approved on or before 6/30/2016 NIH 60% Subsidy	CTSI Contribution for budgets approved on or after 7/1/2016	Investigator's Contribution CRS Budgets approved on or after 7/1/2016 NIH 40% Subsidy	CTSI Contribution for budgets approved on or after 7/1/2017	Investigator's Contribution CRS Budgets approved on or after 7/1/2017 NIH 35% Subsidy	External Rate (+IDC 26%)
BODY COMPOSITION/BONE DENSITY BY DXA (e.g. whole body or hip or spine or forearm, Includes routine analysis and report preparation)										
DXA 1 scan per visit	per scan	0.50	\$84.72	\$55.58	\$29.14	\$41.00	\$43.72	\$37.36	\$47.36	\$106.75
DXA 2 scans per visit	per scan	0.75	\$127.08	\$83.36	\$43.72	\$61.51	\$65.57	\$56.04	\$71.04	\$160.12
DXA 3 scans per visit	per scan	1.00	\$169.44	\$111.15	\$58.29	\$82.01	\$87.43	\$74.72	\$94.72	\$213.49
DXA per scan >3	per scan	0.25	\$42.36	\$27.79	\$14.57	\$20.50	\$21.86	\$18.68	\$23.68	\$53.37
DXA Infant 1 scan per visit	per scan	1.00	\$169.44	\$111.15	\$58.29	\$82.01	\$87.43	\$74.72	\$94.72	\$213.49
DXA Infant 2 scan per visit	per scan	1.50	\$254.16	\$166.73	\$87.43	\$123.01	\$131.15	\$112.08	\$142.08	\$320.24
DXA Infant per scan >3 per visit	per scan	0.50	\$84.72	\$55.58	\$29.14	\$41.00	\$43.72	\$37.36	\$47.36	\$106.75
* Note: For all DXA testing, prices do not include sponsor-specified calibration and OA/QC requirements										
OTHER BODY COMPOSITION										
Bioimpedance (single or multifrequency) including callbration, data analysis, and report	per scan	0.25	\$42.36	\$27.79	\$14.57	\$20.50	\$21.86	\$18.68	\$23.68	\$53.37
Anthropometry. Waist/hip circumferences only	per scan	0.25	\$42.36	\$27.79	\$14.57	\$20.50	\$21.86	\$18.68	\$23.68	\$53.37
Anthropometry. Full set of skinfolds and circum	per scan	0.50	\$84.72	\$55.58	\$29.14	\$41.00	\$43.72	\$37.36	\$47.36	\$106.75
Anthropometry Fit 3D Scan	per scan	0.25	\$42.36	\$27.79	\$14.57	\$20.50	\$21.86	\$18.68	\$23.68	\$53.37
BodPod (air displacement plethysmography)	per scan	0.50	\$84.72	\$55.58	\$29.14	\$41.00	\$43.72	\$37.36	\$47.36	\$106.75
EXERCISE/PHYSICAL FUNCTION TESTING (2 CRS personnel required for Treadmill and Cycle Egometer tests)										
Treadmill or Cycle Ergometer test w/ECG (no Vc) per test		1.00	\$135.71	\$89.03	\$46.68	\$65.68	\$70.03	\$59.85	\$75.86	\$170.99
Treadmill or Cycle Ergometer test w/VO2 (no Ec) per test		1.50	\$203.57	\$133.54	\$70.03	\$98.53	\$105.04	\$89.77	\$113.79	\$256.49
Treadmill or Cycle Ergometer test w/ECG and Vi per test		2.00	\$271.42	\$178.05	\$93.37	\$131.37	\$140.05	\$119.70	\$151.72	\$341.99
Biodex (each position)	per test	0.25	\$33.93	\$22.26	\$11.67	\$16.42	\$17.51	\$14.96	\$18.97	\$42.75
6-minute walk test	per test	0.34	\$46.14	\$30.27	\$15.87	\$22.33	\$23.81	\$20.35	\$25.79	\$58.14
4M gait speed	per test	0.34	\$46.14	\$30.27	\$15.87	\$22.33	\$23.81	\$20.35	\$25.79	\$58.14
Stair climb (routine)	per test	0.34	\$46.14	\$30.27	\$15.87	\$22.33	\$23.81	\$20.35	\$25.79	\$58.14
Grip strength	per test	0.34	\$46.14	\$30.27	\$15.87	\$22.33	\$23.81	\$20.35	\$25.79	\$58.14
Short Physical Performance Battery (SPPB)	per test	0.50	\$67.86	\$44.51	\$23.34	\$32.84	\$35.01	\$29.92	\$37.93	\$85.50
Spirometry (routine)	per test	0.50	\$67.86	\$44.51	\$23.34	\$32.84	\$35.01	\$29.92	\$37.93	\$85.50
Spirometry (complex)	per test	1.00	\$135.71	\$89.03	\$46.68	\$65.68	\$70.03	\$59.85	\$75.86	\$170.99
OTHER METABOLIC MEASUREMENTS										
Resting energy expenditure (indirect calorimetr	per test	1.0	\$135.71	\$89.03	\$46.68	\$65.68	\$70.03	\$59.85	\$75.86	\$170.99
Use of lab space/equipment (by special arrange	per hour	1.0	\$135.71	\$89.03	\$46.68	\$65.68	\$70.03	\$59.85	\$75.86	\$170.99

Recharge Rate	Ind	Aff	Ext
Dexa	169.44	169.44	213.49
Ex Testing	135.71	135.71	170.99

**New FY2018-2019 NueroDevelopment Recharge Rate
for Budgeting after 6/30/2018**

* CTSI's contribution include subsidy and 14% administrative cost.

<u>Procedure</u>	<u>Unit</u>	<u>New Full and Industry Rate of 7/1/2018</u>	<u>CTSI Contribution for budgets approved on or before 6/30/2016</u>	<u>Investigators Contribution CRS Budgets approved on or before 6/30/2016 NIH 60% Subsidy</u>	<u>CTSI Contribution for budgets approved on or after 7/1/2016</u>	<u>Investigators Contribution CRS Budgets approved on or after 7/1/2016 NIH 40% Subsidy</u>	<u>CTSI Contribution for budgets approved on or after 7/1/2017</u>	<u>Investigators Contribution CRS Budgets approved on or after 7/1/2017 NIH 35% Subsidy</u>	<u>External Rate (+HDC 26%)</u>
Study Preparation	per hour	\$55.40	\$36.34	\$19.06	\$26.81	\$28.59	\$24.43	\$30.97	\$69.81
Test Instruments	per hour	\$55.40	\$36.34	\$19.06	\$26.81	\$28.59	\$24.43	\$30.97	\$69.81
Scoring	per hour	\$55.40	\$36.34	\$19.06	\$26.81	\$28.59	\$24.43	\$30.97	\$69.81
Report Writing	per hour	\$55.40	\$36.34	\$19.06	\$26.81	\$28.59	\$24.43	\$30.97	\$69.81