

Center for Human Phenomic Science (CHPS) Cost Policy for
The Hospital of the University of Pennsylvania (HUP) and Penn Presbyterian Medical Center (PPMC)
Effective July 1, 2022

*****RATES ARE SUBJECT TO CHANGE AND ALL STUDIES WILL BE CHARGED CURRENT RATES*****

Study budgets should incorporate initiation costs, utilization fees, nursing charges, and fees for additional CHPS services.

1. INITIATION COSTS

Initiation costs are variable based on the intensity of the study and study team needs. This one-time cost will be charged at the beginning of the study.

2. UTILIZATION FEES

INPATIENT at HUP

Non-Industry: No charges.

Industry: \$1,626.33 per night. The utilization fee is effective until the Department of Health and Human Services (DHHS) signs a new rate agreement, which occurs annually.

OUTPATIENT at HUP and PPMC *

Non-Industry: Any visit that does not use CHPS nursing, exercise, or cardiovascular services will be assessed a \$25 fee.

Industry:

Charges per subject per visit as follows:

Level: 0
Rate: \$50
Definition: Up to 30 minutes

Level: 1
Rate: \$75
Definition: >30 minutes and < 60 minutes

Level: 2
Rate: \$150
Definition: >60 minutes and < 2 hours

Level: 3
Rate: \$225
Definition: >2 hours and <5 hours

Level: 4
Rate: \$300
Definition: > 5 hours and < 8 hours

Level: 5
Rate: \$500
Definition: >8 hours

*** No Show Fees: Any visit not cancelled in the CHPS Scheduler before 24 hours of the scheduled appointment time will be assessed a no-show fee (\$25 for non-industry and \$30 for industry).**

3. NURSING CHARGES

INPATIENT AND OUTPATIENT**

Rate: Non-industry: \$70/Unit Industry: \$95/Unit
Definition: Nursing based on intensity and length of direct nursing care. 1 hour of direct nursing care is equal to 1 unit. ** Inpatient visits will be charged a minimum of 6 nursing units per night.

SCATTERSITE

Rate: Non-industry: \$70/Unit Industry: \$95/Unit
Definition: 1 unit is equal to 1 hour off the CHPS unit. The CHPS nurse may be off the CHPS unit for a maximum of two hours per day. Subjects must be within the main hospital complex or adjoining clinic site. Any scattersite visit over two hours requires approval from the Nurse Manager and the study team will be charged for the full length of time that the CHPS resources are required. Please contact the Nurse Manager at 215.662.3928 for a feasibility assessment of comprehensive offsite nursing needs.

4. SAMPLE PROCESSING

CHPS sample processing charges per subject per visit are as follows:

Level: 0
Rate: non-Industry: \$15 Industry: \$20
Definition: Up to 30 minutes

Level: 1
Rate: non-Industry: \$30 Industry: \$40
Definition: >30 minutes and < 60 minutes

Level: 2
Rate: non-Industry: \$50 Industry: \$65
Definition: >60 minutes and < 2 hours

Level: 3
Rate: non-Industry: \$90 Industry: \$110
Definition: >2 hours and <4 hours

Level: 4
Rate: non-Industry: \$150 Industry: \$190
Definition: > 4 hours

FREEZER STORAGE

Freezer Storage Penalty Fee:

Rate: Non-industry: \$25/Study Industry: \$30/Study

Definition: Per the Investigator/Coordinator Agreement, short-term sample storage in CHPS freezers is free for all CHPS users. Any samples left in the freezers beyond the agreed upon length will be assessed a monthly penalty.

5. ADVANCED PRACTICE PROCEDURES (PERFORMED BY A NURSE PRACTITIONER)

History & Physical:	Non-Industry: \$80	Industry: \$105
Physical:	Non-Industry: \$40	Industry: \$52.5
History:	Non-Industry: \$40	Industry: \$52.5
NP Admit/Discharge Services:	Non-Industry: \$80	Industry: \$105 per hour
Tissue Biopsy:	Non-Industry: \$150	Industry: \$190

Note: Scattersite Nurse Practitioner charges include the advanced practice procedure(s) performed as well as Nurse Practitioner time off the CHPS Unit; see Scattersite Nursing Charges above for additional details.

6. SUPPLY FEES (Per visit or inpatient day)

Basic Usage: Non-Industry: \$10 Industry: \$12.50

Definition: Venipuncture supplies to include less than or equal to 6 blood draw tubes per subject from clinical supply

Moderate Usage: Non-Industry: \$15 Industry: \$20

Definition: IV/Port-a-cath access supplies and/or greater than 6 blood draw tubes per subject from clinical supply.

Advanced Usage: Non-Industry: \$25 Industry: \$30

Definition: Biopsies, conscious sedation, frequent blood sampling supplies (every 1-to-2-hour sampling) from clinical supply

7. Personal Protective Equipment (PPE) for Hazardous Drugs (Gown and Gloves)

1 Set PPE: Non-Industry: \$15 Industry: \$20

Definition: Personal protective equipment for hazardous drug administration, disconnect and disposal.

8. ADDITIONAL CHPS SERVICES

	Non-Industry	Industry	Cost Unit
Bionutrition			
Specialized Meal	\$18	\$22.50	per meal
Specialized Snack	\$6	\$9	per meal
Weighed Meal	\$18	\$22.50	per meal
Weighed Snack	\$6	\$9	per snack
Kinetic Meals	\$150	\$190	20 small meals/subject
24 Hour Recall	\$70	\$90	per subject/per visit
24 Hour Recall with Interpreter	\$120	\$150	per subject/per visit

3 Day Food Record Analysis	\$70	\$90	per subject/per visit
7 Day Food Record Analysis	\$130	\$165	per subject/per visit
10 Day Food Record Analysis	\$150	\$190	per subject/per visit
Oral Fat Tolerance Test (OFTT)	\$10	\$12.50	per subject/per visit
Nutrition Education: 30 min instruction	\$30	\$40	per subject/per visit
1 hr Class	\$60	\$75	per class
1 hr Class after 5 PM	\$150	\$190	per class
Nutrition Consultation with Subject	\$60	\$75	per hour
Class Material Development	\$60	\$75	per hour
Questionnaire Administration (short)	\$30	\$40	per subject/per visit
Questionnaire Administration (long)	\$60	\$75	per subject/per visit
Meal Analysis (short)	\$25	\$30	per analysis
Meal Analysis (long)	\$40	\$50	per analysis
Plan Study Meals/Menu Development	\$70	\$90	per hour
Procure Special Food Items	\$70	\$90	per hour + cost of food
Design & Test Recipes	\$70	\$90	per hour
Testing	Non-Industry	Industry	Cost Unit
DXA (PPMC ONLY)	\$100	\$125	per test, includes BMD and body comp.
Resting Energy Expenditure	\$145	\$180	per subject/per visit
Bioelectrical Impedance Analysis (BIA)	\$15	\$20	per test
Anthropometric Measurements	\$15	\$20	per test
Accelerometry and Polar Heart Rate Monitoring ***			
Device Setup	\$20	\$25	per device/per subject (+ shipping costs)
Data Management	\$20	\$25	per device /per download
Device Exchange	\$20	\$25	per device/per subject
Data Analysis	\$20	\$25	per device/per download
Resting Cardiac Tests			
EKG (acquisition only)	\$50	\$65	per test
EKG – APP Preliminary Interpretation	\$10	\$12.50	per interpretation
Echocardiogram 2D	\$130	\$165	per test
Echocardiogram 2D w/Contrast	\$315	\$395	per test
Echocardiogram 3D	\$150	\$190	per test
Echocardiogram 3D w/Contrast	\$335	\$420	per test
Echocardiogram Interpretation (Resting)	\$75	\$95	per test
Carotid	\$20	\$25	per test
Carotid, Femoral, Brachial, Radial	\$40	\$50	per test
Vascular Diffusion	\$275	\$350	per test
Vascular / Echo Measurements, with prior approval	\$30	\$37.50	per half hour

Treadmill & Supine Bike Testing	Non-Industry	Industry	Cost Unit
Treadmill or Bike Testing without ECG (low risk population)	\$120	\$155	per test
Treadmill or Bike Testing with Stress ECG Monitoring (Sub or Max)	\$200	\$260	per test
Stress ECG Interpretation	\$30	\$50	per test
VO2	\$100	\$130	per test in addition to treadmill or bike test
Echocardiogram during exercise	\$80	\$100	per test in addition to treadmill or bike test
Stress Echo Interpretation (Ischemia or LVOT)	\$80	\$115	per test
Stress Echo Interpretation (Diastolic function primarily)	\$95	\$130	per test
Other Services			
Functional testing	\$40	\$50	per hour, includes grip strength, SPPB, Balance testing, ROM/Flexibility testing, 6 min walk test

***** Device Note:** Investigators will be responsible for reimbursing CHPS for devices lost by participants at a cost of approximately \$250 per device as well as unreturned waist/wrist bands (approximately \$15 per band) and charging cables (approximately \$10 per cable). Devices are due back to the CHPS as soon as wear is complete.

Mhealth Services	Non-Industry	Industry	Cost Unit
Graphic Design	\$12.50	\$16	per hour
Mobile App Programming	\$12.50	\$16	per hour
Web App Programming	\$12.50	\$16	per hour
Video Design	\$12.50	\$16	per hour
Project Management	\$25	\$32	per hour