

CRU Price List (EFFECTIVE 07/01/2023)

Core	Service	Description	Unit	Base	Pharma	Federal	UI Dept
Nursing Services	Encounter Only	Appointment and check-in is the only service provided	Visit	\$ 18.20	\$ 18.20	\$ 9.10	\$ 9.10
Nursing Services	Room Only	Room for the first hour (does not include scheduling and encounter)	Per Hour	\$ 30.30	\$ 30.30	\$ 0.00	\$ 0.00
Core	Service	Description	Unit	Base	Pharma	Federal	UI Dept
Nursing Services	Low Intensity Visit	Includes LOW intensity services at hourly rate	First Hour	\$ 121.00	\$ 121.00	\$ 60.50	\$ 60.50
Nursing Services	Low Intensity Visit - Additional hours greater than	Billed per hour for anything over the first hour	Hours	\$ 60.50	\$ 60.50	\$ 30.25	\$ 30.25
Nursing Services	Vital Signs	Heart Rate, Blood Pressure, Respiratory Rate, Temperature					
Nursing Services	Orthostatics VS	Heart Rate and Blood Pressure (lying, sitting and standing)					
Nursing Services	Body Measurements	Body measurements such as circumference at waist, hip, chest or other					
Nursing Services	Height and Weight	Measurement of height and weight					
Nursing Services	Skin Fold	Measurement of skin-fold thickness					
Nursing Services	Blood Draw/Venipuncture (Adult)	One time/direct stick blood draws					
Nursing Services	Blood Draw/Venipuncture (Pediatric)	One time/direct stick blood draws					
Nursing Services	PK Lab Draw	One time					
Nursing Services	Electrocardiogram Test (ECG) Adult (Technical Fee)	Electrocardiogram; does not include rhythm interpretation					
Nursing Services	Electrocardiogram Test (ECG) Pediatric (Technical Fee)	Electrocardiogram; does not include rhythm interpretation					
Nursing Services	Urine Collection	Urine collected via specimen cup					
Nursing Services	Glucose Finger Stick	Qualitative blood sugar reading					
Nursing Services	Saliva Sample	Collection of saliva via passive drool or sorbette					
Nursing Services	Stool Sample	Collection of a single sample					
Nursing Services	Breast Milk Collection	Collection of breast milk from lactating mothers for research purposes					
Nursing Services	Nasal Swab	Collection of a complete sample (includes both nostrils)					
Nursing Services	Oral/Buccal Swab	Collection of a single sample					
Nursing Services	Pill Count	Pill counting by Clinical Research staff member for study purposes					
Nursing Services	Intramuscular Drug Administration	Medication delivered intramuscularly					
Nursing Services	Subcutaneous Injection	Medication delivered subcutaneously					
Nursing Services	Documentation of Medication Administration	Documentation when CRU does not administer the medication					
Nursing Services	Oral Drug Administration	Medication administered by mouth; performed by registered nurse					
Core	Service	Description	Unit	Base	Pharma	Federal	UI Dept
Nursing Services	High Intensity Visit	Includes HIGH intensity services at hourly rate	First Hour	\$ 363.00	\$ 363.00	\$ 181.50	\$ 181.50
Nursing Services	High Intensity Visit - Additional hours greater than	Billed per hour for anything over the first hour	Hours	\$ 121.00	\$ 121.00	\$ 60.50	\$ 60.50
Nursing Services	Blood Draw from a line requiring an RN	Blood draws during one patient visit by IV Access or Port Access					
Nursing Services	PK Lab Draws (timed)	Timed from an IV line					
Nursing Services	Subject Observation						
Nursing Services	Urine Collection Complex	Such as a 24 hour urine collection or urine block collections					
Nursing Services	OGTT (Oral Glucose Tolerance Test)	Includes VS, Ht/Wt, Preg Test, Fingerstick Glucose, IV, Baseline Draws					
Nursing Services	OGTT Additional Testing Time Point	OGTT additional testing time points over initial 4 post-glucose tests					
Nursing Services	MMTT (Mixed Meal Tolerance Test)	Includes VS, Ht/Wt, Preg Test, Fingerstick Glucose, IV, Baseline Draws					
Nursing Services	MMTT Additional Testing Time Point	MMTT additional testing time points over initial 4 post-glucose tests					

Nursing Services	IVGTT (IV Glucose Tolerance Test)	Requires two RNs for insulin infusion and simultaneous blood draws					
Nursing Services	Holter Monitor	This service is ONLY for the cardiac monitor machine to be initiated and used					
Nursing Services	Inhaled Medication Administration	Medication administered by registered nurse via patient inhalation					
Nursing Services	Access/De-Access Port	Fee includes access and removal of huber needle from lifeport					
Nursing Services	De-Access Port (only)	Fee includes removal of huber needle from lifeport					
Nursing Services	Central Line Dressing Change	See I-CART for full description					
Nursing Services	PICC Line Flush	See I-CART for full description					
Nursing Services	IV Infusion	Provision of fluids via IV infusion					
Nursing Services	Subcutaneous Infusion	Provision of non-chemotherapy medication via subcutaneous infusion for first hour					
Nursing Services	IV Push	Delivery of chemotherapy medications via IV push					
Nursing Services	IV Catheter Insertion (Adult)	IV access placement					
Nursing Services	IV Catheter Insertion (Pediatric)	IV access placement					
Nursing Services	Medication Mixing/Preparation	Charge assessed if study medication requires CRU staff to prepare					
Nursing Services	Sublingual Drug Administration	Medication delivered sublingually					
Core	Add-On Services	Description	Unit	Base	Pharma	Federal	UI Dept
Nursing Services	Weekend Hourly Service Upcharge - within clinic	Conducted during weekends and will be added to standard service rates	Per Hour	\$ 36.30	\$ 36.30	\$ 18.15	\$ 18.15
Nursing Services	After 5 PM (Mon-Fri) Hourly Service Upcharge - within clinic	After normal clinic hours and will be added to standard service rates	Per Hour	\$ 36.30	\$ 36.30	\$ 18.15	\$ 18.15
Nursing Services	Mobile Research Nursing (Off-Site, hourly)	Nursing services provided when study requires staff to perform procedures within the main hospital and connected facilities that are outside the Clinical Research Unit. Fee is assessed per hour with a one hour minimum. No additional procedural charges will be assessed.	Per Hour	\$ 157.30	\$ 157.30	\$ 78.65	\$ 78.65
Nursing Services	Mobile Research Nursing Transportation(vehicle-per day)	When Mobile Research Nursing requires transportation to locations outside the main hospital and connected facilities.	Per Day	\$ 35.00	\$ 35.00	\$ 17.50	\$ 17.50
Nursing Services	Overnight Nursing Care Hourly	This hourly fee includes room, bed and nursing care from 5pm to 7am	Per Hour	\$ 268.40	\$ 268.40	\$ 134.20	\$ 134.20
Nursing Services	Blood Draw Only	This is a blood draw only and does not include any other service/space. Encounter is included.	Each	\$ 25.00	\$ 25.00	\$ 12.50	\$ 12.50
Nursing Services	Patient Education (per 15 minutes)	Charge to be assessed when CRU staff performs patient education	Per 15 mins	\$ 36.30	\$ 36.30	\$ 18.15	\$ 18.15
Nursing Services	Study Associated Learning for CRU Staff (per 30 minutes)	See I-CART for full description	Per 30 mins	\$ 72.60	\$ 72.60	\$ 36.30	\$ 36.30
Nursing Services	Startup Fee	Administrative fee for study review and planning	Flat Fee	\$ 715.00	\$ 715.00	\$ 357.50	\$ 357.50
Core	Service	Description	Unit	Base	Pharma	Federal	UI Dept
Lab	Encounter Only	Appointment and check-in is the only service provided (labs only)	Visit	\$ 16.50	\$ 16.50	\$ 8.25	\$ 8.25
Lab	Point of Care Testing	There is one charge for running as many POC's during a visit as your protocol needs. The following are considered POC: Urine Pregnancy test (HCG), Urine DIP, Urine Drug test, Urine nicotine test, and ESR (blood drawtube for ESR not counted for blood processing). The laboratory provides pregnancy test kits and urine dipsticks free of charge. Study team will provide all other materials needed for testing	Visit	\$ 25.00	\$ 25.00	\$ 12.50	\$ 12.50
Lab	Blood Processing: Simple	Basic blood processing with 1-10 blood drawtubes tubes and/or 0-20 aliquots. Study teams are required to provide all processing materials needed, including drawtubes, pipettes, pipette tips, aliquots, and storage boxes for samples requiring Batch Shipping	Each	\$ 75.00	\$ 75.00	\$ 37.50	\$ 37.50

Lab	Blood Processing: Complex	Any Blood Processing that requires the use of a reagent and/or has more than 10 blood drawtubes and/or greater than 20 aliquots. Study teams are required to provide all processing materials needed, including drawtubes, pipettes, pipette tips, aliquots, and storage boxes for samples requiring Batch Shipping.	Each	\$ 150.00	\$ 150.00	\$ 75.00	\$ 75.00
Lab	Biospecimen Handling Charge	This fee (per drop off) is for bio-specimen samples (excluding blood) received in the lab but not processed. If it is processed, it is Biospecimen Processing. Biospecimens are CSF, urine, urine spot card, nasal swabs, buccal swabs, stool, semen, saliva, milk, sweat, fingernails, tears, aqueous humour, tissue, ear wax, phlegm, breath condensate, biopsies, bone marrow aspirate, sputum, etc. This is not an exhaustive list and if your sample is uncommon, we can add it to this list.	Drop Off	\$ 13.20	\$ 13.20	\$ 6.60	\$ 6.60
Lab	Non-Blood Biospecimen Processing-Simple	(Per time point) - any sample (except blood) that requires centrifuging or mixing by vortex and can be aliquoted into 1-10 aliquots. Bio-specimens are urine, urine spot card, nasal swabs, buccal swabs, stool, semen, saliva, milk, sweat, hair, fingernails, tears, tissue, ear wax, phlegm, breath condensate, simple sputum processing, etc. This is not an exhaustive list and if your sample is uncommon but needs processing, we can add it to this list.	Time Point	\$ 20.00	\$ 20.00	\$ 10.00	\$ 10.00
Lab	Non-Blood Biospecimen Processing-Complex	(Per Time Point) - this is for CSF, bone marrow aspirate, aqueous humour, biopsies, and any Bio-specimen processing that may require the use of a reagent to process and/or will be aliquoted into more than 10 aliquots.	Time Point	\$ 40.00	\$ 40.00	\$ 20.00	\$ 20.00
Lab	Sputum Processing	This is for complex processing of sputum that requires multiple steps and the use of reagents. Any materials, reagents or solutions required for processing will be <u>provided by the study team.</u>	Each	\$ 137.50	\$ 137.50	\$ 68.75	\$ 68.75
Lab	Liquid Nitrogen Flash Freezing	(Per Time Point) - this fee is for the acquisition, transport, and use of liquid nitrogen to <u>flash freeze any type of sample.</u>	Time Point	\$ 33.00	\$ 33.00	\$ 16.50	\$ 16.50
Lab	Incubation	(Per Time Point) -this is an additional fee added to the processing fee for setting drawtubes or other samples in the incubator or anywhere in the lab and monitoring it longer than 2 hours. This is for a single time point or a set that is drawn together (ex: TB tube set of 4 tubes drawn at the same time.) If there are multiple timepoints being incubated at different times, each will receive a fee.	Time Point	\$ 13.20	\$ 13.20	\$ 6.60	\$ 6.60
Lab	Batch Shipment	This is for samples that are collected over multiple visits; they are stored and shipped together as a batch. Every subject in your study that will require batch shipping, will have a Batch Shipping and Yearly Storage fee applied on the first visit and every year after that. Research lab staff will prepare the shipment. The investigator and study team are responsible for courier costs and materials (ex: shipping containers, labels, stickers and if using FedEx, Saturday stickers).	Each	\$ 33.00	\$ 33.00	\$ 16.50	\$ 16.50
Lab	Yearly Storage	This fee is applied to every research subject that requires batch shipping or the storage of study associated samples. It is applied on the first visit and every year after that. The yearly fee will be charged through the duration of the protocol and up to one year beyond study termination. Samples must be removed by the investigator within one year after termination of the study.	Each	\$ 27.50	\$ 27.50	\$ 13.75	\$ 13.75

Lab	Shipping per Package	This is a per package charge regardless of the shipping box it gets shipped in. Ambient and refrigerated shipping going out the same day are considered two packages even if they are shipped in the same box. If you have multiple ambient and refrigerated packages going out to different labs, each one of those gets counted as a package. Multiple frozen packages and /or backups going out to different labs are counted as a single package. Research lab staff will prepare the shipment. The investigator and study team are responsible for courier costs and materials (ex: shipping containers, labels, stickers and if using FedEx, Saturday stickers).	Package	\$ 33.00	\$ 33.00	\$ 16.50	\$ 16.50
Lab	Laboratory Training	(Per Hour) - this fee is for teaching , learning, and reviewing. It's for CRU lab staff to teach study staff how to use equipment in the Mini lab to process their study samples. It's also for CRU lab staff to review protocol specific requirements or documents.	Hour	\$ 55.00	\$ 55.00	\$ 27.50	\$ 27.50
Lab	Afterhours Charges for Lab Processing	This is a per hour charge assessed when laboratory staff or CRU staff is needed to process in the in the laboratory outside of working hours.	Hour	\$ 44.00	\$ 44.00	\$ 22.00	\$ 22.00
Lab	Use of Mini Lab Equipment	This is a fee that will be charged if the study staff needs to use the lab equipment in the mini lab behind the nurses' station without any assistance from CRU lab personnel. This is primarily used by studies that are collecting samples outside of lab working hours and need to process the samples themselves. This service is only available after a formal approval from CRU.	Each	\$ 22.00	\$ 22.00	\$ 11.00	\$ 11.00

Core	Service	Description	Unit	Base	Pharma	Federal	UI Dept
Bionutrition	Encounter Only	Appointment and check-in is the only service provided	Visit	\$ 18.20	\$ 18.20	\$ 9.10	\$ 9.10
Bionutrition	General Meal	Meal service for Outpatient - B/L/or D (1 entre, 5 sides, 2 beverages)	Each	\$ 19.40	\$ 19.40	\$ 9.70	\$ 9.70
Bionutrition	General Snack	Meal service for Outpatient General Snack (1-2 beverages + 1 snack item)	Each	\$ 6.70	\$ 6.70	\$ 3.35	\$ 3.35
Bionutrition	Beverage Service	Meal service for 1 beverage (soda pop, juice, coffee, tea)	Each	\$ 3.00	\$ 3.00	\$ 1.50	\$ 1.50
Bionutrition	Test Meal	Calculation, preparation, and service of OGTT or MMTT	Each	\$ 6.70	\$ 6.70	\$ 3.35	\$ 3.35
Bionutrition	Research Snack	Preparation and service for Research Snack (weighing food, documenting intake)	Each	\$ 13.30	\$ 13.30	\$ 6.65	\$ 6.65
Bionutrition	Research Formula	Preparation and service for Research Formula (special recipe)	Each	\$ 13.30	\$ 13.30	\$ 6.65	\$ 6.65
Bionutrition	Lower Intensity Research Meal	Meal preparation/service for Research B/L/ or D (weigh food, intake documented)	Each	\$ 31.50	\$ 31.50	\$ 15.75	\$ 15.75
Bionutrition	Moderate Intensity Research Meal	Meal preparation/service for Research B/L/ or D (menu and nutrient level varies)	Each	\$ 52.00	\$ 52.00	\$ 26.00	\$ 26.00
Bionutrition	High Intensity Research Meal	Meal preparation/service for Research B/L/ or D (menu and nutrient level varies)	Each	\$ 78.10	\$ 78.10	\$ 39.05	\$ 39.05
Bionutrition	Research Meal Development	Hourly labor rate for calculating customized diets and developing recipes	Per Hour	\$ 48.40	\$ 48.40	\$ 24.20	\$ 24.20
Bionutrition	Misc. Hourly Services	Hourly labor charge for services not previously categorized	Per Hour	\$ 48.40	\$ 48.40	\$ 24.20	\$ 24.20

Core	Service	Description	Unit	Base	Pharma	Federal	UI Dept
Pulmonary	Encounter Only	Appointment and check-in is the only service provided	Visit	\$ 16.50	\$ 16.50	\$ 8.25	\$ 8.25
Pulmonary	Spirometry	Forced vital capacity (FVC), Forced Expiratory Volume in 1 second (FEV1), Peak Expiratory Flow rate (PEF), FEV1/FVC ratio	Each	\$ 143.00	\$ 143.00	\$ 71.50	\$ 71.50
Pulmonary	Serial Spirometry	Serial spirometry measurements on subject on same day and same setting.	Each	\$ 250.00	\$ 250.00	\$ 125.00	\$ 125.00
Pulmonary	Spirometry pre/post BD	Spirometry, pre and post administration of bronchodilator	Each	\$ 249.20	\$ 249.20	\$ 124.60	\$ 124.60
Pulmonary	Spirometry Upright and Supine	FVC, FEV1, PEF in upright and supine position	Each	\$ 200.00	\$ 200.00	\$ 100.00	\$ 100.00
Pulmonary	MVV	Maximum Voluntary Ventilation	Each	\$ 86.00	\$ 86.00	\$ 43.00	\$ 43.00
Pulmonary	Slow Vital Capacity (SVC)		Each	\$ 100.00	\$ 100.00	\$ 50.00	\$ 50.00
Pulmonary	Slow Vital Capacity (SVC) - upright and supine		Each	\$ 150.00	\$ 150.00	\$ 75.00	\$ 75.00

Pulmonary	SNIP (Sniff Negative Inspiratory Pressure)	Sometimes referred to as "SNIF"	Each	\$ 75.00	\$ 75.00	\$ 37.50	\$ 37.50
Pulmonary	High Alt. Simulation Test		Each	\$ 116.50	\$ 116.50	\$ 58.25	\$ 58.25
Pulmonary	CPX w/o gas exchange 6MWT	6 minute walk test	Each	\$ 80.60	\$ 80.60	\$ 40.30	\$ 40.30
Pulmonary	CPX w/o gas exchange	Cardiopulmonary Exercise Test without gas exchange	Each	\$ 229.90	\$ 229.90	\$ 114.95	\$ 114.95
Pulmonary	Additional procedure during CPX	Additional procedures performed during CPX such as inspiratory capacity.	Each	\$ 50.00	\$ 50.00	\$ 25.00	\$ 25.00
Pulmonary	CPX with gas exchange	Cardiopulmonary Exercise Test with gas exchange, VO2, VCO2, VE, 12-Lead ECG	Each	\$ 585.10	\$ 585.10	\$ 292.55	\$ 292.55
Pulmonary	Resting Energy Expenditure	Indirect calorimetry, resting metabolic rate	Each	\$ 215.10	\$ 215.10	\$ 107.55	\$ 107.55
Pulmonary	Lung Volumes	Measurement of lung volume by plethysmographic, nitrogen washout or alternate method.	Each	\$ 179.20	\$ 179.20	\$ 89.60	\$ 89.60
Pulmonary	DLCO	Diffusion Capacity of the Lung for Carbon Monoxide	Each	\$ 163.30	\$ 163.30	\$ 81.65	\$ 81.65
Pulmonary	Lung Compliance	Measurement using esophageal balloon/whole body plethysmograph	Each	\$ 150.00	\$ 150.00	\$ 75.00	\$ 75.00
Pulmonary	SpO2 spot check		Each	\$ 41.40	\$ 41.40	\$ 20.70	\$ 20.70
Pulmonary	SpO2 spot check multiple		Each	\$ 77.30	\$ 77.30	\$ 38.65	\$ 38.65
Pulmonary	Methacholine Challenge	Multi-level challenge testing by spirometry to assess bronchial hyperreactivity	Each	\$ 456.70	\$ 456.70	\$ 228.35	\$ 228.35
Pulmonary	Bronch with washing	Bronchoscopy with bronchoalveolar lavage	Each	\$ 970.30	\$ 970.30	\$ 485.15	\$ 485.15
Pulmonary	Bronch with brushing	Bronchoscopy with brushing, cytology, microbiology	Each	\$ 970.30	\$ 970.30	\$ 485.15	\$ 485.15
Pulmonary	Bronch with biopsy	Bronchoscopy with biopsy: endobronchial or transbronchial	Each	\$ 970.30	\$ 970.30	\$ 485.15	\$ 485.15
Pulmonary	ABG drawing	Arterial blood gas drawing	Each	\$ 60.40	\$ 60.40	\$ 30.20	\$ 30.20
Pulmonary	Laryngoscopy		Each	\$ 162.90	\$ 162.90	\$ 81.45	\$ 81.45
Pulmonary	Sputum Induction	Sputum induction using inhalation of hypertonic saline	Each	\$ 88.00	\$ 88.00	\$ 44.00	\$ 44.00
Pulmonary	Nebulizer Treatment	Delivery of medication via small volume nebulizer	Each	\$ 78.30	\$ 78.30	\$ 39.15	\$ 39.15
Pulmonary	P100	Assessment of inspiratory occlusion pressure at 100 msec after initiation of inspiration, an assessment of respiratory drive.	Each	\$ 165.00	\$ 165.00	\$ 82.50	\$ 82.50
Pulmonary	End Tidal Carbon Dioxide		Each	\$ 61.20	\$ 61.20	\$ 30.60	\$ 30.60
Pulmonary	Stimulated Ventilatory Response	To measure the response to inhaled hypoxic or hypercarbic gas mixture using Indirect calorimetry, resting metabolic rate, minute ventilation, End-tidal CO2	Each	\$ 300.00	\$ 300.00	\$ 150.00	\$ 150.00
Pulmonary	Nitric Oxide Exhaled	FENO, fraction of exhaled nitric oxide	Each	\$ 66.70	\$ 66.70	\$ 33.35	\$ 33.35
Pulmonary	Pulmonary Physiology Novel Service Design and Development	Design, develop and test novel methodologies to answer your research questions	Per Hour	\$ 50.00	\$ 50.00	\$ 25.00	\$ 25.00
Pulmonary	Maximal Respiratory Pressures	Upright and supine	Each	\$ 74.30	\$ 74.30	\$ 37.15	\$ 37.15
Pulmonary	Airway Resistance by oscillometry		Each	\$ 179.20	\$ 179.20	\$ 89.60	\$ 89.60
Pulmonary	HB BRONCHIAL LAVAGE FLUID	Upright and supine	Each	\$ 162.00	\$ 162.00	\$ 81.00	\$ 81.00
Pulmonary	CPAP	Continuous Positive Airway Pressure Mask Fitting (CPAP)	Each	\$ 50.00	\$ 50.00	\$ 25.00	\$ 25.00
Pulmonary	N2 washout		Each	\$ 150.00	\$ 150.00	\$ 75.00	\$ 75.00
Pulmonary	Mask Fitting	The fitting of any patient interface such as for CPAP or BiPAP devices	Each	\$ 168.00	\$ 168.00	\$ 84.00	\$ 84.00
Pulmonary	Cough Peak Flow		Each	\$ 120.00	\$ 120.00	\$ 60.00	\$ 60.00
Core	Service	Description	Unit	Base	Pharma	Federal	UI Dept
Vascular	Encounter Only		Visit	\$ 16.50	\$ 16.50	\$ 8.25	\$ 8.25
Vascular	Brachial artery flow-mediated dilation	See full description in ICART.	Each	\$ 300.00	\$ 300.00	\$ 150.00	\$ 150.00
Vascular	Brachial artery flow-mediated dilation + sublingual	See full description in ICART.	Each	\$ 500.00	\$ 500.00	\$ 250.00	\$ 250.00
Vascular	Carotid-femoral pulse wave velocity	See full description in ICART.	Each	\$ 200.00	\$ 200.00	\$ 100.00	\$ 100.00
Vascular	Pulse wave analysis/central blood pressure	See full description in ICART.	Each	\$ 100.00	\$ 100.00	\$ 50.00	\$ 50.00