

Touro University California Metabolic Research Center*Recharge Rates, Effective October 1, 2025***Clinical Services:**

Service	Service detail	Charge unit	Internal rate*	External academic rate*
Nursing	Vital signs, Anthropometry, Phlebotomy, IV push/infusion, finger stick, urine collection/dipstick, oral medication administration, health assessment, consenting, administering surveys/instruction, study documentation, sample processing, shipment.	Hourly rate, charged in 30 min. increments	\$92	\$134.41
Nursing-inpatient	Overnight nursing, 12-hour shift minimum	Per 12-hr shift, then hourly rate applies	\$1,104/12 hr	\$1,612.94/12hr
Physician**	For procedures requiring physician or presence of a physician	Per hour, charged in 30 min increments	\$140	\$204.54
DXA scan, with technician	Includes instrument usage and MRC technician	Per 1 scan	\$80	\$116.88
DXA scan, no technician	For internal users who have been certified and trained through MRC; or if technician time already included in visit recharge	Per 1 scan	\$40	\$58.44
DXA scan, additional processing	For DXA scan requiring additional data management or QC beyond standard scan	Per ½ hour	\$30	\$43.83
FibroScan (NEW)	Noninvasive evaluation of fibrotic liver disease using the Echosens Fibroscan	Per 1 scan	\$55	\$80.36
EKG	Electrocardiogram	Per test	\$54.30 with read \$24.30 w/o read	\$79.33 with read \$35.50 w/o read
Indirect Calorimetry	Resting metabolic rate and gas exchange measured by a Cosmed Quark	Per text	\$99	\$144.64

Service	Service detail	Charge unit	Internal rate*	External academic rate*
Outpatient Exam Room Fee – Low Intensity	Preparation, restocking of common supplies, medical waste disposal	Per participant visit	\$20	\$29.22
Outpatient Exam Room Fee – Medium Intensity	Preparation, restocking of common supplies, medical waste disposal	Per participant visit	\$50	\$73.05
Outpatient Exam Room Fee – High Intensity	Preparation, restocking of common supplies, medical waste disposal	Per participant visit	\$120	\$175.32
Inpatient Room Fee	Preparation, restocking of common supplies, medical waste disposal, cleaning	Per participant visit	\$240	\$350.64
Lab specimen processing	MRC staff for blood, urine, stool sample processing	Per hour	\$50	\$73.05
Pharmacist	Preparation and administration of study medication	Per hour, charged in 30 min increments	\$100	\$146.10
Pharmacy preparation- stable isotope infusion	Clean room preparation of infusates for kinetic studies.	Per infusion bag	\$250	\$365.25
Consultation and training services	Consultation and training for specialized procedures	Per hour	\$100	\$146.10
Study Coordinator	Recruitment, scheduling, consenting, data collection and/or management. Includes phlebotomy for licensed study coordinators.	Per hour	\$45	\$65.75

***External academic user rate = internal rate + 46.1% surcharge for TUC indirect costs.**

****If physician is co-investigator on the grant, there is no charge**

Laboratory Services:**All rates are per sample**

		Per sample rate	
Service	Service detail	Internal	External* Academic
De novo lipogenesis (DNL) by GC/MS	Rate is dependent on complexity of assay required (type of ultracentrifugation, particle separation, replicates, QC type, etc.). Contact unit for project specific rate.	\$50 to \$110	\$73.05 to \$160.71
Glucose by GC/MS	Glucose molar % excess, rate is dependent on assay required (type of tracer, sample prep requirement, etc.)	\$50-\$75	\$73.05-\$109.58
Lactate by GC/MS	Lactate molar % excess	\$50	\$73.05
Gluconeogenesis by GC/MS	Gluconeogenesis calculation, includes glucose	\$50-\$75	\$73.05-\$109.58
Ultracentrifugation – TRL only	For separation of TRL from plasma	\$20	\$29.22
Plasma/Serum glucose	Plasma or serum glucose on run on a Randox clinical chemistry analyzer	\$13	\$18.99
Plasma/serum free fatty acids	Plasma or serum free fatty acid run on a Randox clinical chemistry analyzer	\$24.14	\$35.27

External rates include a 45% surcharge for TUC indirect costs.**For industry sponsored projects, contact Unit for rates.**