

B. MRC Recharge Rates

**Touro CA Metabolic Research Center**

*Recharge Rates, Effective January 1, 2025*

**Clinical Services:**

<b>Service</b>	<b>Service detail</b>	<b>Charge unit</b>	<b>Internal rate*</b>	<b>External academic rate*</b>
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	\$133.4
Nursing-inpatient	Overnight nursing, 12-hour shift minimum	Per 12-hr shift, then hourly rate applies	\$1,104/12 hr	\$1600.80
Physician**	For procedures requiring physician or presence of a physician	Per hour, charged in 30 min increments	\$140	\$203
DXA scan, with technician	Includes instrument usage and MRC technician	Per 1 scan	\$80	\$116
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
DXA scan, additional processing	For DXA scan requiring additional data management or QC beyond standard scan	Per ½ hour	\$30	\$43.50
EKG	Electrocardiogram	Per test	\$54.30 with read \$24.30 w/o read	\$78.74 with read \$35.24 w/o read
Indirect Calorimetry	Resting metabolic rate and gas exchange measured by a Cosmed Quark	Per text	\$99	\$141.57
Outpatient Exam Room Fee – Low Intensity	Preparation, restocking of common supplies, medical waste disposal	Per participant visit	\$20	\$29
Outpatient Exam Room Fee – Medium Intensity	Preparation, restocking of common supplies, medical waste disposal	Per participant visit	\$50	\$72.5

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Outpatient Exam Room Fee – High Intensity	Preparation, restocking of common supplies, medical waste disposal	Per participant visit	\$120	\$174
Inpatient Room Fee	Preparation, restocking of common supplies, medical waste disposal, cleaning	Per participant visit	\$240	\$348
Lab specimen processing	MRC staff for blood, urine, stool sample processing	Per hour	\$50	\$72.5
Pharmacist	Preparation and administration of study medication	Per hour, charged in 30 min increments	\$100	\$145
Pharmacy preparation- stable isotope infusion	Clean room preparation of infusates for kinetic studies.	Per infusion bag	\$250	\$362.50
Consultation and training services	Consultation and training for specialized procedures	Per hour	\$100	\$145
Study Coordinator	Recruitment, scheduling, consenting, data collection and/or management. Includes phlebotomy for licensed study coordinators.	Per hour	\$45	\$65.25

**\*External academic user rate = internal rate + 45% surcharge for TUC indirect costs.**

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

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**Laboratory Services:**

**All rates are per sample**

Service	Service detail	Per sample rate	
		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	\$72.5 to \$159.5
Glucose by GC/MS	Glucose molar % excess, rate is dependent on assay required (type of tracer, sample prep requirement, etc.)	\$50-\$75	\$72.5-\$108.75
Lactate by GC/MS	Lactate molar % excess	\$50	\$72.5
Gluconeogenesis by GC/MS	Gluconeogenesis calculation, includes glucose	\$50-\$75	\$72.5-\$108.75
Ultracentrifugation – TRL only	For separation of TRL from plasma	\$20	\$29
Plasma/Serum glucose	Plasma or serum glucose on run on a Randox clinical chemistry analyzer	\$13	\$18.85
Plasma/serum free fatty acids	Plasma or serum free fatty acid run on a Randox clinical chemistry analyzer	\$24.14	\$35.01

**\*External rates include a 45% surcharge for TUC indirect costs.**

**\*For industry sponsored projects, contact Unit for rates.**