

TMMC

Pharmacy Department Services

Rev 2021_11_18

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Pharmacy Contact Information



Management team

- Pharmacy Director: Steve Thompson, Pharm D ext. 30997
- Assistant Director: Tammy Ginder, Pharm D, ext. 20354
- Clinical Coordinator: Felix Pham, Pharm D. ext. 30975
- Medication Safety Coordinator: Wendy Waldman, RPh ext. 34716
- Diana Tomicic, Technician Supervisor

Specialty Pharmacists

- Oncology Pharmacists Vivian Tsang, Pharm D ext. 76622
- Geriatric Pharmacist/ TCU: Mei Tsai, Pharm D, ext. 76611
- Critical Care: Karan Tran, Kelvin Pham ext. 76613

Hours of Operation



Pharmacies

- Main Pharmacy Basement LT (ext. 30010)-24 hrs./7 days a week
- 2nd floor LT OR, ext. 32968, 76612 (6 am 2:30pm M-F)
- 3rd floor LT: ext. 33355, 76613 (6am to 11pm)
- 4th floor LT: ext. 34710, 76614 (9:00 am -5:30 pm)
- Outpatient 1st floor CT (ext. 74799): M-F, 9am 5:15pm; Sat/Sun, 9am 1pm

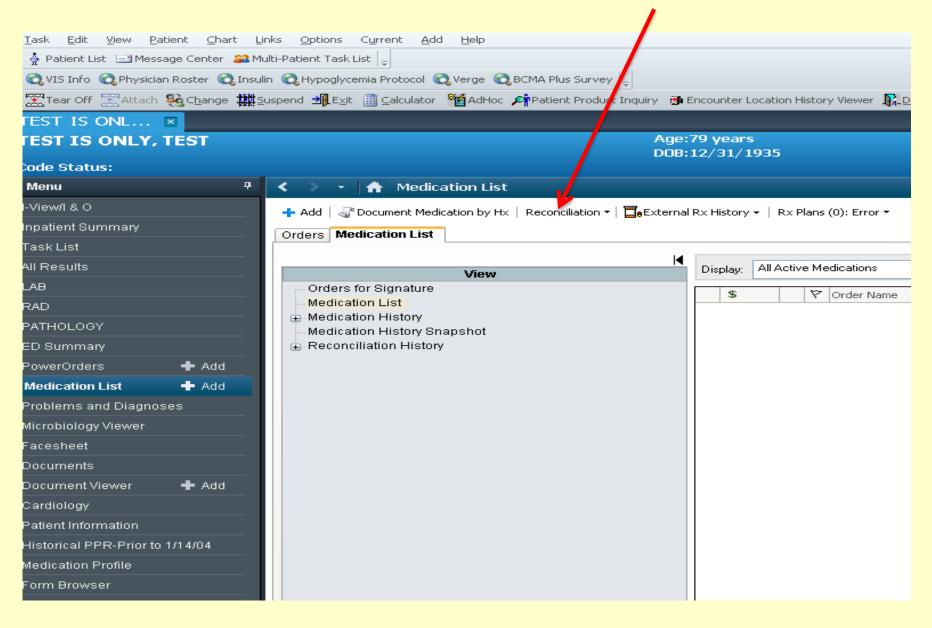
Clinical pharmacists

- 5th floor LT: ext. 76615 (8am-4:30pm)
- 6th floor LT: ext. 76616 (9am-5:30pm)
- 7th floor LT: ext. 76617 (7:30am-4:00pm)
- TCU: ext. 76611 (8am-12pm M-F)
- ED 1 pm- 7am, ext. 23907, 23908

Use of Own Patient Medications

- Discouraged home medication use in the hospital due to safety concerns
- TMMC has a medical staff approved protocol for pharmacy to DC nonformulary herbal/vitamin supplements and oral bisphosphonates while hospitalized.
- If use of patient's own home medications are necessary:
 - Enter a complete order
 - Medications must be verified by a pharmacist
 - Herbal medications and supplements requires patient to sign a waiver
 - Medications must be in their original containers, properly labeled

Medication Reconciliation



Admission Reconciliation

de Status:											ACO:None	
Reconciliation Status Meds Hier Add Discharge												
	Orders Prior to Reconciliation							Oro	lers After Recon	ciliation		
B 6	Order Name/Details Sta	atus			₽, 7	Order N	ame/Details					Status
△ Medicati												
	acetaminophen (Tylenol Caplet 500 mg oral tablet) 1 tab(s), PO, q4h, 60 tab(s), PRN: for pain	ocumented	0	0								
₽	albuterol (Proventil HFA 90 mcg/inh inhalation aerosol) 2 puff(s), inhaled, 4xd, PRN: for wheezing	ocumented	0	0								
₽ 🕄	budesonide-formoterol (Symbicort 80 mcg-4.5 mcg/inh inhalation aerosol) ORefill(s) Do	ocumented	0	0								
₫ 设	levothyroxine (Synthroid 125 mcg (0.125 mg) oral tablet) 125 mcg, 1 tab(s), PO, daily, 30 tab(s), 0 Refill(s)	ocumented	0	0								
₫ 😵		ocumented	0	0								
₽ 🕄	sertraline (sertraline 100 mg oral tablet) 100 mg, 1 tab(s), PO, daily, 30 tab(s), 0 Refill(s)	ocumented	0	0								
₹ 😯	· · · · · · · · · · · · · · · · · · ·	ocumented	0	0								
₹ 😯	• • • • • • • • • • • • • • • • • • • •	ocumented	0	0								
€	•	ocumented	0	0								
+ Add (Manage Plans			<u>_C</u>)						Reconciliation St	
H	Orders Prior to Reconciliation								Orders After	Reconci		
E85	♥ Order Name/Details	Status				B P 0	rder Name/Det	tails				
△ Me	edications acetaminophen-hydrocodone (acetaminophen-hydrocodone 325 mg-10 mg oral tablet) 1 tab(s), PO, 2xdaily, PRN: for pain, 0 Refill(s) - Still Taking, Last Dose Unknown) Documer	nted	0	•							
8	acetaminophen-hydrocodone (acetaminophen-hydrocodone 325 mg-5 mg oral tablet)	Ordered		0	0	6 B	etaminophen	hydrocode	ne (acetamino	phen-hydro	ocodone 325 mg-5	mg oral ta

Pharmacy Clinical Services

- Vancomycin / aminoglycoside dosing
- Renal dosing adjustment
- Epoetin (dose adjustment)/ monitoring
- Anticoagulant monitoring, Heparin dosing, warfarin dosing
- Antibiotic monitoring
- IV to oral conversion
- Therapeutic interchange
- Code blue and code white response team
- medication histories in ED
- Other protocols levothyroxine, pain medication audit and tiering
- Services <u>not</u> provide:
 - Pharmacists do <u>not</u> currently dose TPN

Fentanyl patches (Duragesic®)

Criteria for Ordering:

Patient is continuing fentanyl patch dose from home

or

All of the following criteria must be met:

- 1. Persistent, moderate to severe chronic pain
- 2. Pain not managed by non-steroidal analgesics, opiate combination products, or immediate-release opiates
- 3. Patient has been taking for a week or longer at least 60 mg of oral morphine daily or an equianalgesic dose of another opiate (e.g. approximately 7-8 Norco 5)

Dose increases: at least 3 days after the initial dose, then every 6 days thereafter.

Preferred Formulary Drugs (Therapeutic Interchange)

- Proton pump inhibitors: omeprazole po, pantoprazole IV
- Insulin: HumuLIN® R, HumaLOG®, Lantus®
- oral iron: ferrous sulfate 325mg
- calcium supplements: calcium carbonate 500mg
- **Sedative hypnotics:** TEMazepam, zolpidem
- Carbapenems: meropenem (Merrem[®])
- **Statin**: atorvaSTATin
- Fluoroquinolones: Levaquin® (levOFLOXacin), Cipro ® (ciprofloxacin)
- inhaler combinations: fluticasone/ salmeterol Advair

Antibiotic Stewardship Program

- ATB Stewardship Committee includes ID Physicians, Infection Control Specialists, Clinical Pharmacists, Microbiologist
- Daily Antibiotic review by pharmacist to assess for appropriateness and possible de-escalation:
 - All cases with three or more antibiotics.
 - Patient on ATBs for three or more days
- Diagnosis required for certain antibiotic ordering

Non-restricted Anti-Infective Drugs

- **CEPHALOSPORINS:** ceFAZolin (Ancef®), CefTAZidime (Fortaz®, Tazicef®) cefTRIAXone (Rocephin®) ceFEPime (Maxipime®)
- **PENICILLINS:** ampicillin, ampicillin/sulbactam (Unasyn®), penicilLIN, nafcillin; piperacillin/tazobactam (Zosyn®)
- **AMINOGLYCOSIDES**: gentamicin, tobramycin, amikacin
- TETRACYCLINES: doxycycline
- **MACROLIDES**: AZIthromycin (ZithroMAX®), erythromycin, clarithromycin (Biaxin)
- FLUOROQUINOLONES: ciprofloxacin (Cipro®), levOFLOXacin (Levaquin®)
- CARBAPENEMS: meropenem (Merrem®)
- ANAEROBIC AGENTS: metroNIDAZOLE (Flagyl®), clindamycin (Cleocin®), chloramphenicol
- **OTHERS:** vancomycin, rifAMPin, colistin, aztreonam (Azactam®)
- **ANTIFUNGALS**: amphotericin B, liposomal amphotericin B (Abelcet®), fluconazole (DiFLUCan®), micafungin

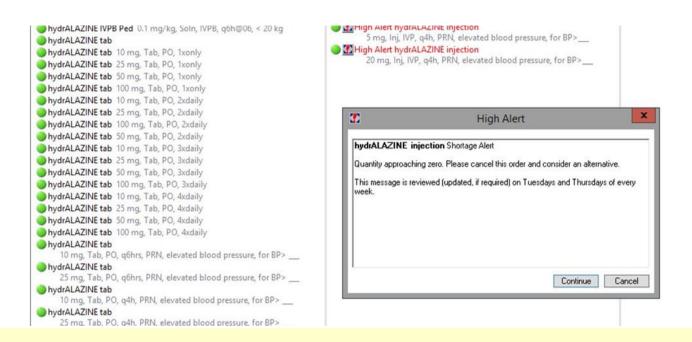
Restricted Anti-Infective Agents

ID restricted

- ceftaroline (Teflaro[®])
- tigecycline (Tygacil[®])
- DAPTOmycin (Cubicin[®])
- linezolid (ZYVox®)
- voriconazole (Vfend®)
- fidaxomicin (Dificid[®])
- Fosfomycin (Monurol)
- Ceftolazane/tazobactam (Zerbaxa®)
- Ertapenem (Invanz[®])
- CeftAZIDime/avibactam (Avycaz^{®)}
- Telavancin (Vibativ)
- Posaconazole (Noxafil)
- Omadacycline (Nuzyra)

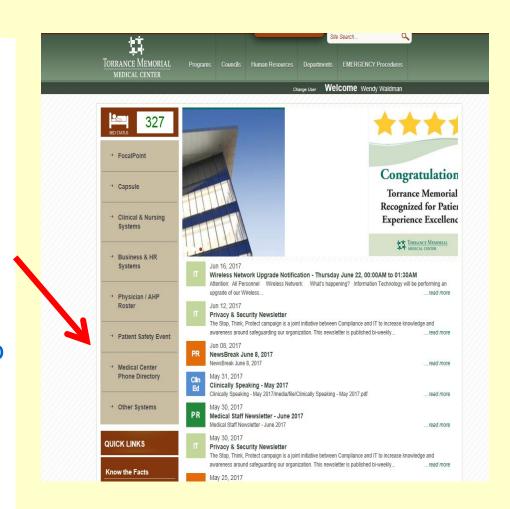
Drug Shortages

- Drug shortage link: bit.ly/tmmcdrugshortages
- EMR alerts during ordering process



Reporting Adverse Drug Events

- Patient Safety Event Reporting System
- Report
 - Near misses
 - unsafe conditions
 - Medication errors
 - Adverse drug reactions
- Staff required to report ADRs to primary physician.



Welcome to Torrance Memorial