



SUBURBAN HOSPITAL

JOHNS HOPKINS MEDICINE

Pharmacy and Physicians

The Basics

- 24/7 x 365 – we're always open; processing 62,000+ orders per month
- Provide oral, IV and admixture services (TPN's made offsite); USP 797 certified
- TPN consults (you can't order TPN here) must be done before 2 pm daily
- Available to help answer EPIC order entry questions
- Clinical pharmacists on floors to help with medication-related questions
- Pharmacy Technicians in the E.D. to provide outpatient medication lists
- Extension x2074 will get you a pharmacist 24 hours a day
- Manage the Hospital Formulary (list of available medications) through the P&T Committee
- Provides pharmacokinetic dosing service, warfarin dosing and education, heparin infusion dosing, renal function dose adjustments, medication therapy management consultations, vaccine administration, drug information, and in the near future...discharge medication counseling, CHF and DM medication counseling

Formulary addition process

- Now operates through JHH Formulary Maintenance System
- Online process that feeds into a Specialty Panel (Anesthesia/Analgesia, Oncology, Infectious Diseases or Pharmacotherapy)
- Discussion of merit at Specialty Panel level and then recommendation to System P&T
- Decision at System P&T then referred to implement at Suburban Hospital

Medication Utilization

- Reviews all classes of Formulary medicines and recommends deletions

EPIC

- Works with the EPIC Willow team to make order entry as efficient and safe as possible
- Verifies all orders (with minor exceptions) before they are active to administer to patients

Suburban Hospital's Pharmacy and You



- Medication Safety and Regulatory Compliance
- Daily review and analysis of medication errors submitted via the Patient Safety Network
- Disperse information about medication safety-related issues
- Policy updates on the Medication Management Chapter
- Monthly audits to ensure compliance with national standards
- Infection control audits to ensure safe use of specific medications (OR syringes, inhalers)
- Medication safety inspections throughout the hospital

New Target-Specific Oral Anticoagulants (TSOACs)

- Select patients carefully
- Use caution if older than 75 years
- Optimal weight is 50 kg to 100 kg
- Use caution if creatinine clearance < 50 ml/min; avoid if < 30 ml/min
- Avoid if platelets < 50,000
- Avoid if:
 - Major Surgery or Trauma within 1 month
 - Pregnant or lactating
 - History of GI bleed within 3 months
 - Active cancer
 - Concomitant use with strong CYP3A4 inhibitors (HIV meds, diltiazem, dronedarone, etc.) or inducers (phenytoin, bosentan, carbamazepine, etc.)

Remember that there are no PROVEN reversal agents. Options include:

- FEIBA at 50 units/kg x 1 dose
- Factor VIIa at 90 mcg/kg x 1 dose