



Ephraim McDowell
Regional Medical Center

Pharmacy Services

Small town hospital - Big pharmacy practice

Located only 34 miles from Lexington

Our mission

To provide comprehensive quality pharmacy services in an innovative, collaborative practice model to support Ephraim McDowell Health's mission.

Pharmacy environment

We pride ourselves on providing a supportive and family-like atmosphere. Our residents are truly part of the team.

Pharmacy involvement

Our pharmacists are integral members of a variety of organization-wide committees and teams. During the residency year, the residents will have the opportunity to be involved in several multidisciplinary teams.

Examples of teams with pharmacy involvement:

- Clinical shared governance team
- Critical Care
- Emergency Services
- Infection Control
- Institutional Review Board (IRB)
- Medication Management and Safety
- Operational shared governance team
- Opioid Stewardship
- Pharmacy and Therapeutics (P&T)
- Research
- Sepsis
- Stroke
- Trauma

Pharmacy practice settings

Our residents are able to practice in diverse settings.

- Anticoagulation Clinic
- Critical access hospitals
- Emergency department
- Heart Failure Clinic
- Inpatient central operations
- Inpatient decentralized operations
- Outpatient pharmacy
- Outpatient oncology clinic

Decentralized pharmacist locations

- Cardiology
- Emergency Department
- Intensive Care Unit
- Med/Surg Units (2 pharmacists)

Other pharmacy services

- 340b program
- Antimicrobial stewardship
- Discharge concierge medication delivery service
- Home infusion services
- Pain Clinic
- Pharmacy informatics

Inpatient pharmacy practice

Ephraim's inpatient central pharmacy is open 24-hours a day. In the evenings and on weekends, central pharmacy is responsible for medication orders/dispensing for the two critical access hospitals as well.

Outpatient pharmacy practice

- Anticoagulation Clinic
- Chemotherapy infusion clinic
- Discharge concierge medication delivery service
- Heart Failure Clinic
- Kentucky Board of Pharmacy Board Approved Protocols
- Immunization administration
- Medication dispensing
- Medication Therapy Management
- Patient counseling

Critical care practice

Ephraim has a twelve bed ICU with an average daily census of 7.5. On weekdays, the ICU pharmacist participates in bedside patient care rounds as part of the healthcare team. This team consists of the intensivist, hospitalist, nurse, respiratory therapist, case manager,

dietician and social worker. The ICU pharmacist may encounter:

- Acute arrhythmias
- Acute decompensated heart failure
- Acute renal failure
- ARDS/Mechanical ventilation
- Cardiogenic shock
- Continuous renal replacement therapy (CRRT)

- Diabetic ketoacidosis
- Intoxication/Overdose
- Percutaneous mechanical support management
- Post-return of spontaneous circulation care (ROSC)
- Post-STEMI patients
- Sepsis/shock

Emergency care practice

Ephraim has a 23-bed emergency department with an average daily census of 80. On weekdays, a pharmacist staffs in the ED from 11 a.m. to 7 p.m. In addition to a variety of clinical activities, the ED pharmacist reviews positive cultures from previously discharged patients to ensure appropriate antimicrobial prescribing.

Emergency response

Pharmacists are a required member of adult and pediatric emergency response teams. The residents are required to be BLS, ACLS, and PALS certified. From the start of orientation, residents are encouraged to respond to all emergencies paged overhead, which include:

- Chest pain
- Condition Blue
- Post-partum hemorrhage
- Rapid response
- Rapid sequence intubation (RSI)
- Sepsis
- Stroke
- Trauma

Cardiac care practice

Ephraim has two cardiac catheterization labs where a variety of procedures are performed:

- Aortic aneurysm management
- CardioMEMS HF System
- Carotid ultrasound/intervention
- Catheter-directed thrombolysis
- Coronary intervention/stenting
- Intra-Aortic balloon pump placement
- Pacemaker implantation
- Percutaneous ventricular assist device via Impella system placement

Surgical care

- Bariatric surgeries
- General surgeries including appendectomies, amputations, and mastectomies
- Gastroenterological procedures
- Interventional radiology procedures
- Obstetrical/gynecologic surgeries including cesarean sections
- Orthopedic surgeries including hip, knee, ankle, and shoulder
- Spinal surgeries
- Thoracic surgeries
- Urological surgeries

Pediatric care

Ephraim has a busy labor and delivery department. There is a Level 2 nursery for neonates who require a higher level of care including antibiotic therapy or oral morphine tapers for neonatal abstinence syndrome (NAS). Pediatric patients are most often seen in the ED but a limited number may be admitted. Common admission reasons include failure to thrive, need for IV antibiotics, and post-surgery care.

Pharmacy accolades

- KSHP Innovative Health-System Pharmacy Practice Award - 2021
- KSHP Innovative Health-System Pharmacy Practice Award - 2020
- KSHP Innovative Health-System Pharmacy Practice Award - 2017
- KPhA Professional Promotion Award - 2020
- KPhA Innovative Pharmacy Practice Award - Sarah Vickey - 2020

Hospital accolades

- Accredited Chest Pain Center with PCI
- Acute Stroke Care Hospital certification from The Joint Commission
- Center of Excellence in Robotic Surgery
- Gold Seals of Approval for total knee, total hip, spinal surgery and hip fracture from The Joint Commission
- Kentucky Hospital Association Quality Award - 2022, 2018, 2015, 2014, 2010
- Pediatric Ready Emergency Department