



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 services in a collaborative practice model employing the best people and practices to support Ephraim McDowell Health's mission of helping people live healthier through quality health care, trusting relationships, and providing value to the people we serve.

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:

- Critical Care
- Emergency Services
- Infection Control
- Institutional Review Board (IRB)
- Medication Management and Safety
- Pharmacy and Therapeutics (P&T)
- Research
- Sepsis
- Stroke
- Trauma

Pharmacy practice settings

- Ambulatory Care clinics
- Critical access hospitals
- Emergency department
- Inpatient central operations
- Inpatient decentralized operations
- Outpatient pharmacy
- Outpatient oncology clinic

Other pharmacy services

- 340b program
- Antimicrobial stewardship
- Discharge concierge medication delivery service
- Pharmacy informatics

Decentralized pharmacist locations

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

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.

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)
- Stroke
- Trauma

Critical care practice

Ephraim has a twelve bed ICU with an average daily census of 7.5. In 2020, a dedicated COVID-19 unit was constructed with up to 13 additional ICU beds. The current average daily census of total ICU patients is 10. 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, 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
- 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.

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
- Pacemaker implantation
- Percutaneous ventricular assist device via Impella system

Surgical care

Ephraim offers a variety of surgical services including:

- Bariatric surgeries
- General surgeries including appendectomies, amputations, and mastectomies
- Gastroenterological procedures
- Obstetrical/gynecologic surgeries including cesarean sections
- Orthopedic surgeries including hip, knee, ankle, and shoulder
- Plastic surgeries
- Spinal 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.

Outpatient Pharmacy practice

- Anticoagulation Clinic
- Discharge concierge medication delivery service
- Heart Failure Clinic
- Influenza testing
- Medication dispensing
- Medication Therapy Management
- Patient counseling
- Streptococcal pharyngitis testing

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, and spinal surgery from The Joint Commission
- Pediatric Ready Emergency Department