

VISION: To be the best in pharmacy practice for our patients, caregivers and community

MISSION: Providing a lifetime of exceptional care through patient-centered pharmacy practice, research and education


WHO WE ARE

23	Hospitals
6,690	Total Hospital Beds
276	Outpatient Locations
25	Outpatient Pharmacies
874	Pharmacists
939	Technicians and Support Staff
72	Residents
87	Interns
865	APPE/IPPE Rotations Completed at Ohio Sites
39	Publications Reported by Pharmacy Caregivers
11	Research Grants Awarded, Totaling \$399,819
9	Pharmacy Enterprise Research Committee Grants, Totaling \$31,825

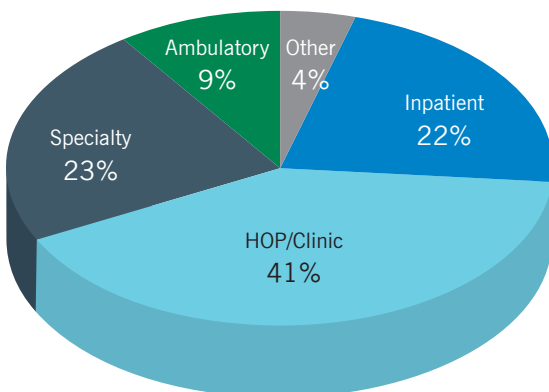
AWARDS AND RECOGNITION

- Internal Medicine Residency Program Staff of the Month **awarded to a pharmacist for the first time** ★★ ★
- Vizient Pharmacy Vision Award:** Excellence in Clinical Pharmacy Practice recognition awarded to Travel Medicine Clinic
- Recognized **pharmacy caregivers** with Patient Hero Awards and Medication Safety Awards

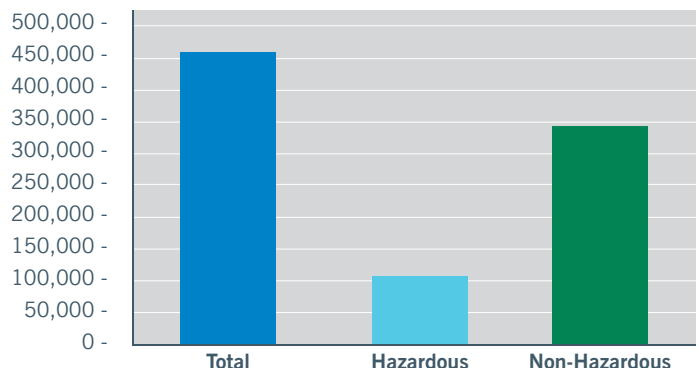
AUTOMATION, INNOVATION AND TECHNOLOGY

- Established pharmacy services and assisted with the **opening of Mentor Hospital**
- Hosted the inaugural **Medication Analytics Safety and Technology (MAST)** Conference
- Implemented **key technology platforms**, such as Pyxis and Logistics ES at Union Hospital, achieving full integration across the entire health system
- Installed Parata Coreflex automation** at Specialty, Home Delivery, and Adherence pharmacies 
- Implemented **GYANT AI text bot** in transitions of care at Ohio hospitals for post-discharge outreach
- Automated **JW and JZ modifier** for waste billing
- Redesigned Pharmacy Patient Scoring (PPS) tool to **align core services** across the enterprise
- APOTECA PS implemented across Ohio and Florida. **Over 90% of all chemotherapy agents** now compounded on a gravimetric technology-assisted workflow device

2023 CC Pharmaceutical Purchases | \$1.24 Billion



APOTECA Preparations 2023



CONTINUOUS IMPROVEMENT

- Florida Research and Innovation Center **increased volume** and repackaged 4081 unique medications and 1,896,225 individual doses
- Expanded transitions of care services
 - Piloted Main Campus **heart failure** services:
 - Heart failure **medication reconciliations increased from 30% to 68.1%**
 - Thirty-day heart failure **readmission rate decreased to 6.4%** in the pilot cohort compared to 16.5% for all HVTI patients
 - Two-way MyChart messaging** implemented for medication adherence outreach
- Implemented **quality assurance program** for the Emergency Department culture callback service
- Akron General **expanded Code Blue Pharmacist Response** to provide 24/7 coverage
- Added **four new pharmacies** to enterprise pharmacy services
 - Martin Health (2)
 - Middleburg Heights FHC
 - Union Hospital
- Implemented the **dose optimization and monitoring consult** service across the enterprise



REVENUE AND COST SAVINGS

- Florida Research and Innovation Center **saved \$556,000** through repackaging pharmacy
- Community **prescription growth of 18%** and **revenue growth of 24%** at Main Campus
- Increased **outpatient prescription volume by 16%** at Akron General
- Biosimilar and generic conversion enterprise wide resulted in **over \$13.9 million in savings**
- Converted to vasopressin ready-to-use vials, **saving \$1,000,000**
- Established billing infrastructure for ambulatory telephone encounters in Epic, **generating an estimated \$18,843 in new revenue over three months**

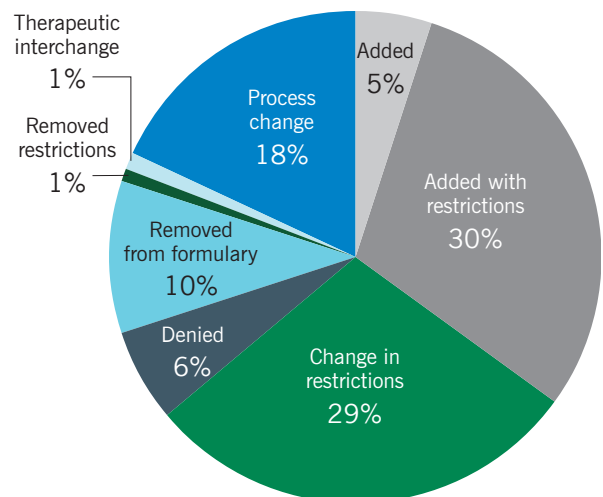


RESEARCH AND EDUCATION

- Established a PGY-1 Community Pharmacy Practice Residency in **Specialty Pharmacy**
- Redesigned Main Campus Intern Program to include **clinical rotation opportunities for all interns**. 13 summer research projects completed
- Launched the **Research Newsletter** in September for quarterly distribution
- Created **15-part Research Curriculum**
 - 269 users accessed content 700 times
 - 19% utilization** across pharmacy caregivers
- Pharmacy Research Advisor Network (RAN) created in to **connect caregivers with peers** who can provide specialized research support
- Launched the **Pharmacy Research Traineeship**
- Pharmacy Enterprise achieved an **83% increase in CNCI score** from 2022
 - The Category Normalized Citation Impact (CNCI) score is generated annually from publications indexed in web of science, normalized for subject area, year, and article type



2023 CC Medical Staff Adult and Pediatric P&T Committee Actions | (N=142)



clevelandclinic.org/pharmacy