

## 2020 PHARMACY

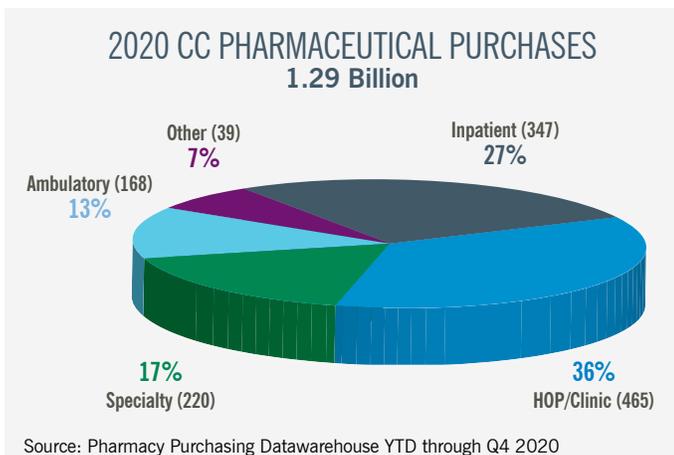
# FACTS & FIGURES

**Our Vision:** To be the world leader in pharmacy practice.

**Our Mission:** To provide patient-focused pharmacy practice across the continuum of care through innovation, education and research.

### WHO WE ARE

673	Pharmacists
572	Technicians
63	Pharmacy Residents
1,072	APPE/IPPE Student Rotations Completed
75	Peer-Reviewed Publications
104	Platform Presentations
129	Poster Abstracts
5,932	Total Hospital Beds



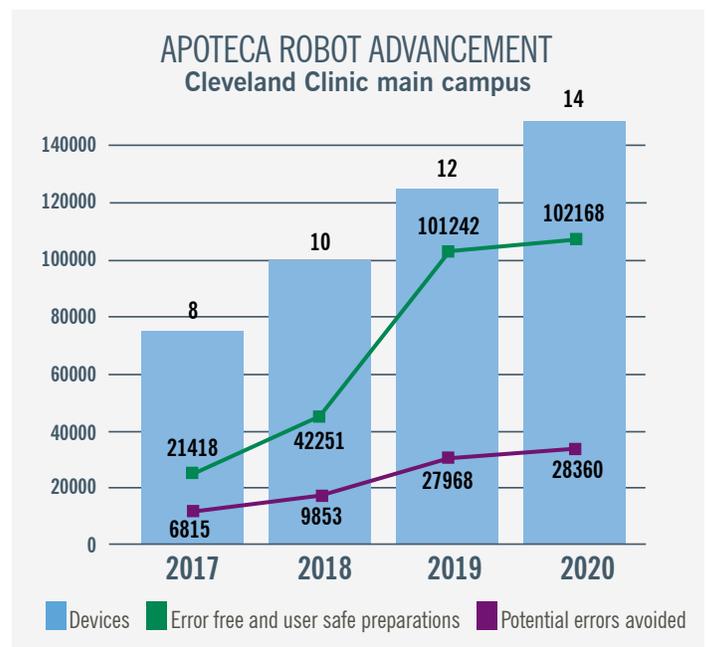
### AUTOMATION, INNOVATION AND TECHNOLOGY

- Fairview **decreased medication turnaround times by 10%** through restructured automated dispensing cabinet replenishments and delivery processes.
- Main campus **decreased patient-specific doses sent from pharmacy by 37%**, avoiding an average of 830 medications being sent directly from pharmacy per day.



### AUTOMATION, INNOVATION AND TECHNOLOGY continued

- Akron increased medications dispensed from automated dispensing cabinets by **17%**.
- Taussig Cancer Center, Twinsburg, Strongsville and Willoughby Hills oncology centers implemented an **APOTECA** waste module to aid in **high-cost medication management and minimize waste**.
- Fairview added **APOTECA** gravimetric technology for hazardous and chemotherapy preparations for inpatients.



### EXPANSION OF PHARMACY SERVICES

#### Leveraging Technology for Optimization

- Pharmacists started responding to inpatient 2CLOT stroke alerts **reducing turnaround time for tPA by 25 minutes** and responding on average to **9 stroke alerts per day**.
- Main campus pharmacists provided interventions for medical therapy in **30%** of 2CLOT alerts.
- Avon's emergency department and intensive care unit increased use of the **Sepsis Alert Checklist by 40%**.

## EXPANSION OF PHARMACY SERVICES continued

- London on-boarded **40** pharmacy caregivers.
- Abu Dhabi expanded **oncology preparations by 40%**.
- Avon **increased** facility-based medication history capture rate by **30.3%**, aiding in the early **identification of 8.5 medication discrepancies per patient**.
- Akron General completed renovations of three infusion centers to standardize safety procedures.

## COVID-19 TREATMENT & PREVENTATIVE MEASURES

### Ambulatory Care

- **Drive through INR** to COVID-19 positive patients and patients not wishing for in-person appointments.
- Specialty pharmacists provided over **550** interventions on prescriptions for medication therapy and cost savings.
- Pharmacists, pharmacy students and pharmacy technicians set up a notification call back service for patients who tested negative for COVID-19 **within two days of testing implementation**.
- Developed a chronic disease management outreach program during the pandemic **answering over 1100 drug information questions** and assessing symptoms of COVID-19.
- Ambulatory services implemented pre-surgical testing kits that were able to be picked up and dropped off by patients.
- Outpatient pharmacies across the enterprise dispensed over **1.3M prescriptions** and pharmacists administered over **4,300 immunizations**.



### Inpatient Services

- The department of pharmacy collaborated with Cleveland Whiskey to produce over **10,000 bottles of hand sanitizer and over 100 gallons of refill jugs** during the extreme hand sanitizer shortage.
- Our main campus IV room prepared over **250,000 COVID-19 testing kits**.
- Marymount implemented a **monoclonal antibody infusion clinic** to provide a novel treatment for COVID-19 patients.
- Collaborated within the enterprise to complete COVID-19 projects including:
  - › Developed new medication recipes in Epic to aid in treatment of COVID-19.
  - › Created central and overstock storage locations for PPE and medications to allow for ease of access and prevent shortages.
  - › Automated reports for the COVID-19 critical medication dashboard.



### HOPE Hospital

- Assembled over **44 Pyxis machines and medication storage locations** that would serve over **1,000 patients**.

## REVENUE AND COST SAVINGS

### Pharmacy Enterprise Savings

- Abu Dhabi decreased the insurance denial rate to **3.3%**.
- **\$30M** in overall savings from the conversion of oncology biosimilars.
- New process for prescription procurement has amounted to **\$5.96M additional savings**.
- Atezolizumab ES-SCLC Cost Savings Contract resulting in **greater than \$500,000 annualized cost savings**.
- Medina's implementation of continuous improvement projects led to a savings over **4463 hours and over \$10,000**.
- **\$1.5M** cost avoidance resulted from specialty pharmacist intervention.



### 340B Savings

- Main Campus had **\$109.4M** in savings compared to a projected budget of **\$67.5M**.
- New process within specialty pharmacy for prescription procurement resulted in an additional savings of **\$5.96M**.
- **\$32.9M** obtained in earnings before interest, taxes, depreciation, and amortization (EBIDA) compared to budget of **\$16M**.
- Akron General converted to rural referral center and exceeded projections, providing a savings of **\$23M COGS**.
- South Pointe reinstated 340B status resulting in over **\$1M** in savings.
- Fairview saved **\$19.5M** exceeding budget by **\$5M**.
- Over **\$153M** drug discount program savings provided to the enterprise.

### EHP Savings

- Delivered a per-member per-month net cost **\$30.01** lower than other hospital employers in our pharmacy benefit manager's book of business.
- Enterprise wide savings of **\$13.7M** through the EHP's dispensed days' supply market share of **92%** captured by Cleveland Clinic pharmacies.
- Achieved generic prescription dispensing rates of **90%** for active employees and **89%** for Medicare Part D retiree population.
- **108,000** caregivers enrolled in Employee Health Plan and Retiree Health Plan Pharmacy Benefit Program.

