

Service Line Strategies

Cardiovascular Service Line

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COOK COUNTY
HEALTH

Develop a comprehensive, academic, world-class, equitable, cardiovascular service line spanning from prevention to complex heart disease

- a. Build new clinical services
- b. Align clinical disciplines involved in cardiac care
- c. Build Quality



5-year plan

2021

- ✓ Organize service line leadership & agreements
- ✓ Lean operation plans
- ✓ Review all JDs, salaries, & create personnel 2022 budget
- ✓ Stabilize & Launch EP
- ✓ Launch Structural heart disease services at CCH
- Launch Imaging reporting modules
- Weekend imaging - ↓LOS
- ✓ Direct clinic scheduling
- Optimize supply chain & procurement
- Acquire ECMO
- ✓ Impella

2022

- ✓ Create institute director position
- ✓ Add critical positions
- ✓ Expand fellowship, #1
- Single source cath, structural, stable ACS
- Medicaid transfer
- Plan a 3rd cath lab
- Build Cardiac Rehab
- Upgrade imaging
- ✓ Participate in registries
- IAC accreditation in Nuclear, CT, MRI, Cath lab
- ✓ CV quality & safety portal
- Plan a Prevention Center
- Plan research & data center

2023

- Add growth positions
- ✓ Expand fellowship, #2
- Add EP fellow
- Build a 3rd cath lab
- Plan hybrid OR
- Single source EP
- Dedicated cardiac CT
- Build a Prevention Center
- Expand research center

2024

- Add growth positions
- ✓ Expand fellowship, #3
- Build a hybrid OR
- Dedicated Cardiac MR

2025

- Add growth positions
- Optimize operations
- Leadership succession planning

Other Accomplishments

FY2020-FY2024

Established an inpatient “**Cardiac - Intermediate Care Unit**”

AHA Gold Plus & USNWR High Performing in Heart Failure and Heart Attack

Established external referral pathways: Insight, Sinai, SA (SBH, Resilient Health)

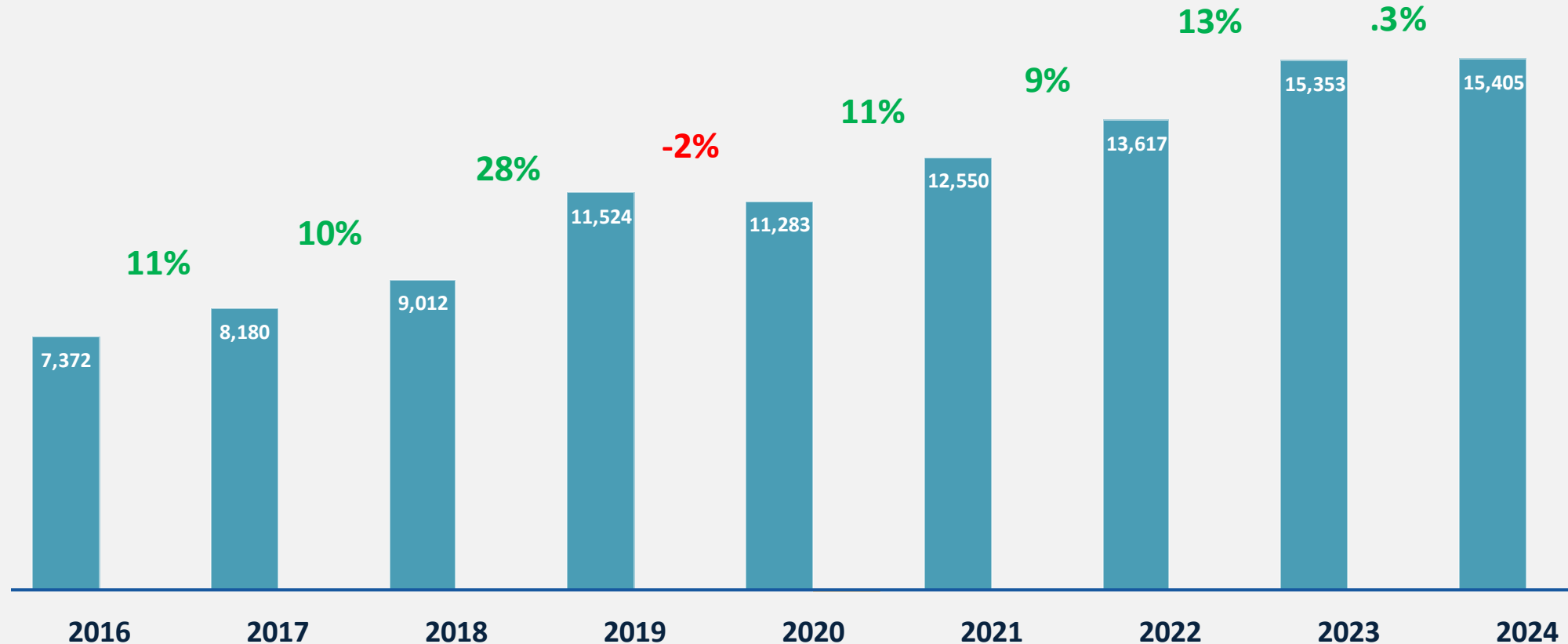
Expand Cardiology clinics to the community satellite clinics (AH, NR, BC)

Received The National Association of Counties 2024 Achievement Award

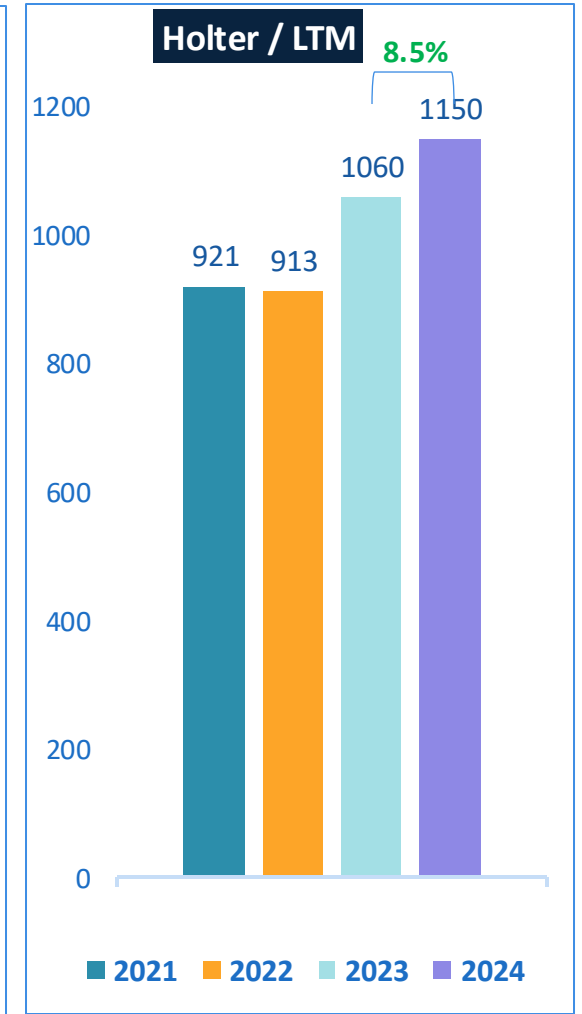
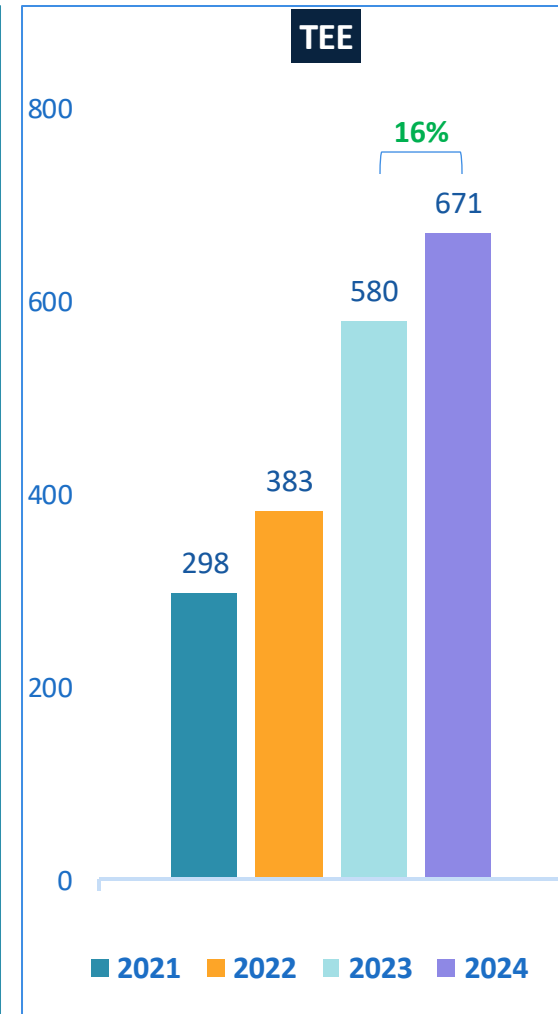
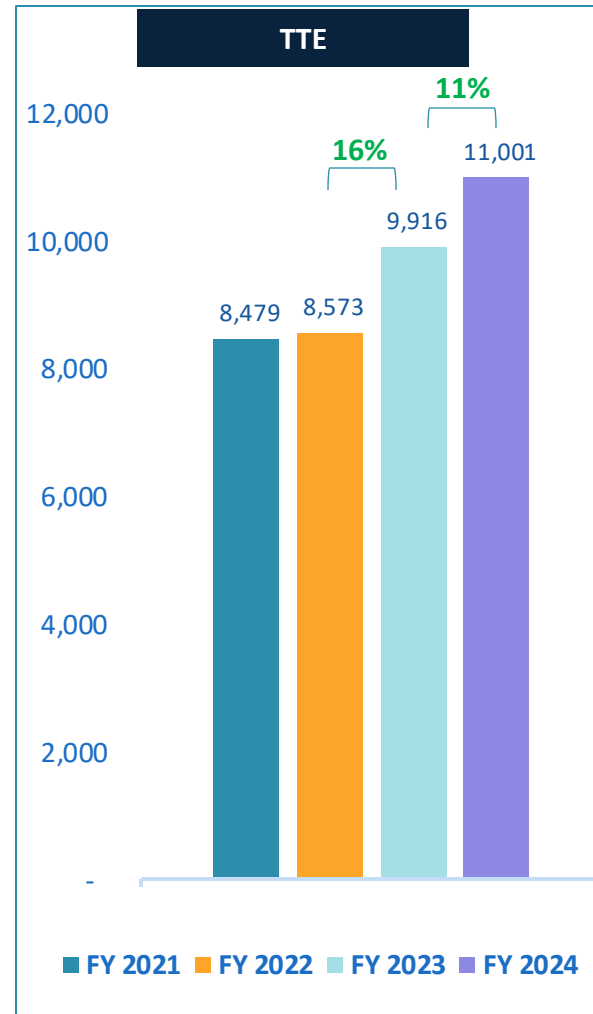
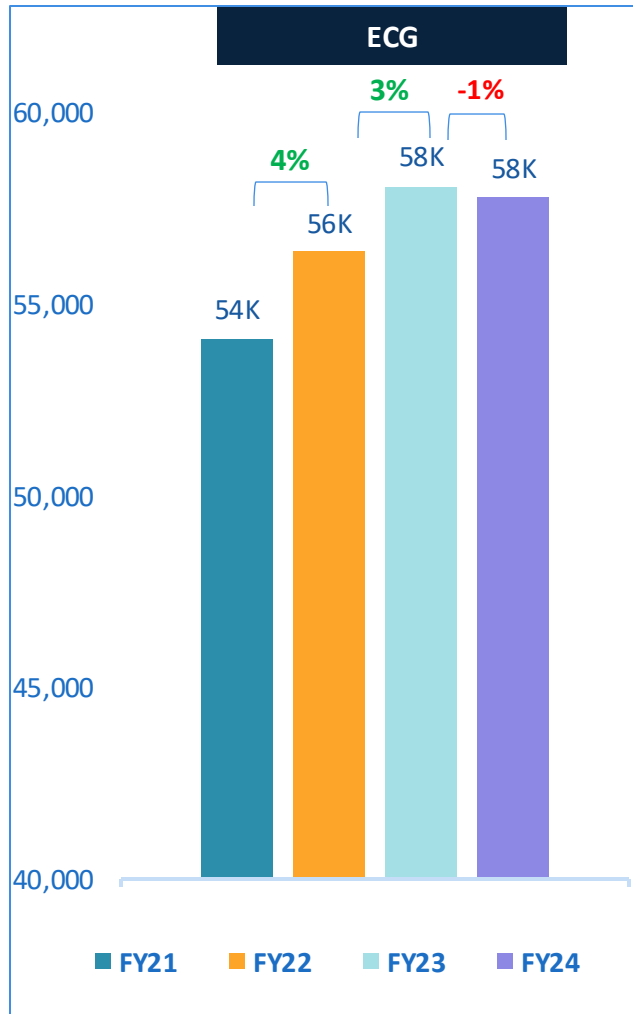
New Services as of 2024

	Live	1 ST Case
EP Device Implantation	Yes	Aug 2020
Balloon Valvuloplasty	Yes	May 2021
TAVR / TMVR	Yes	Aug 2021
EP Studies / Ablation	Yes	Nov 2021
Pulmonary Artery Thrombectomy (PE)	Yes	Nov 2021
CardioMEMS (HF monitoring)	Yes	July 2022
Watchman (LAA closure)	Yes	Jan 2023
MitraClip (MV repair)	Yes	May 2023
Impella (LV assist device)	Yes	Oct 2023
Lead extraction program	Yes	Oct 2023
Cardiac PET Program	No	Spring 2025
ECMO	No	2025
Cardiac Rehab	No	TBD

Stroger Cardiology Clinic Annual Volume



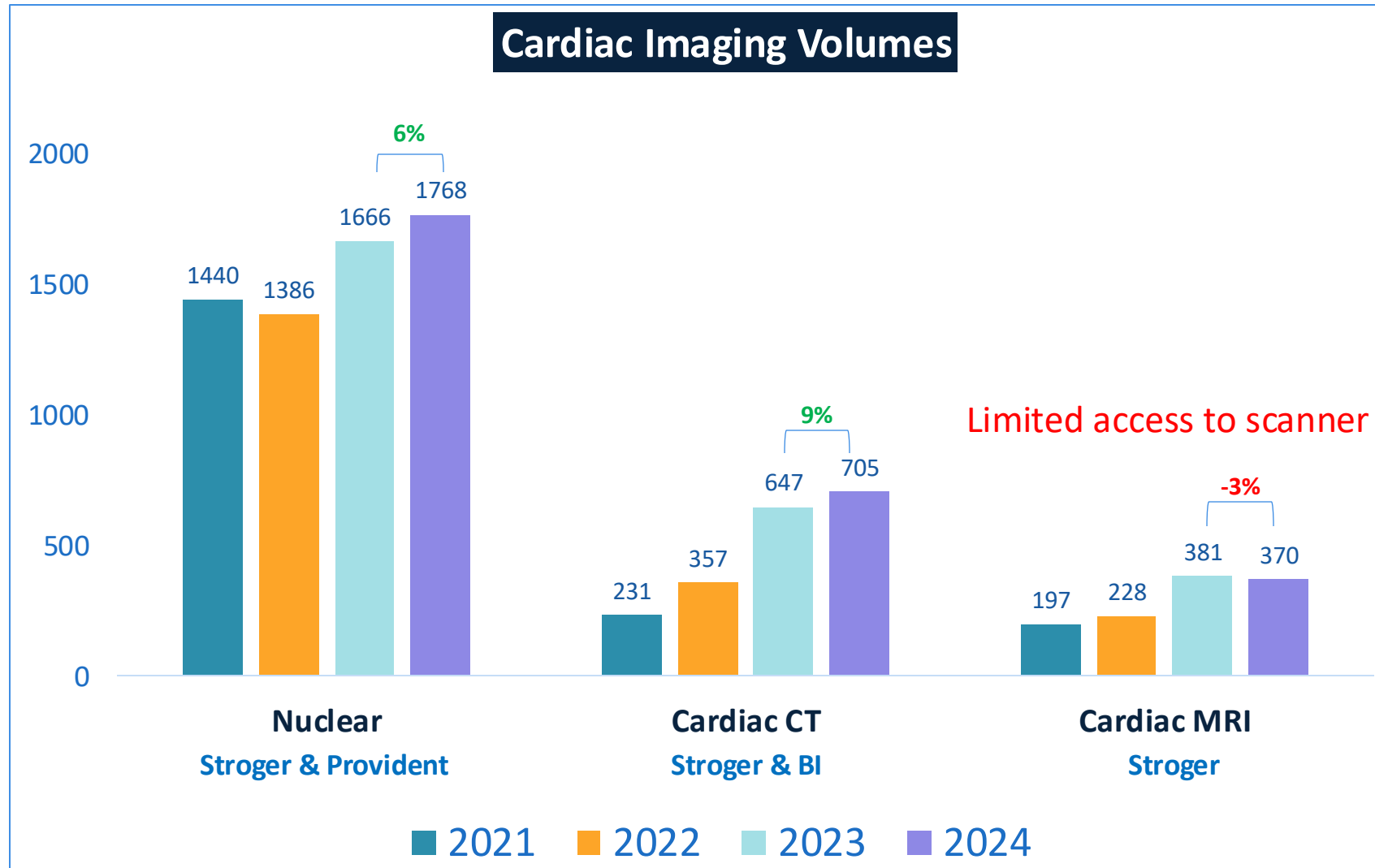
Noninvasive Cardiology



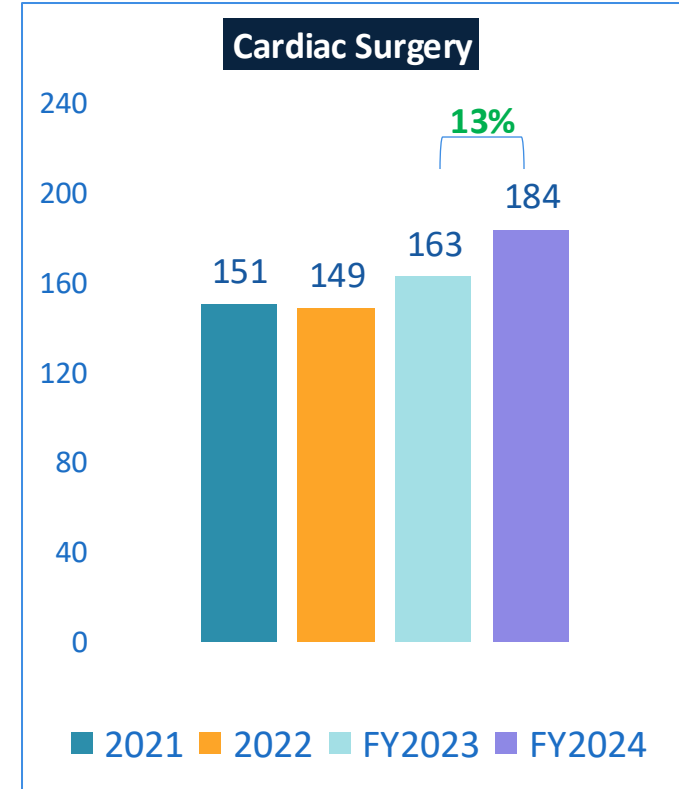
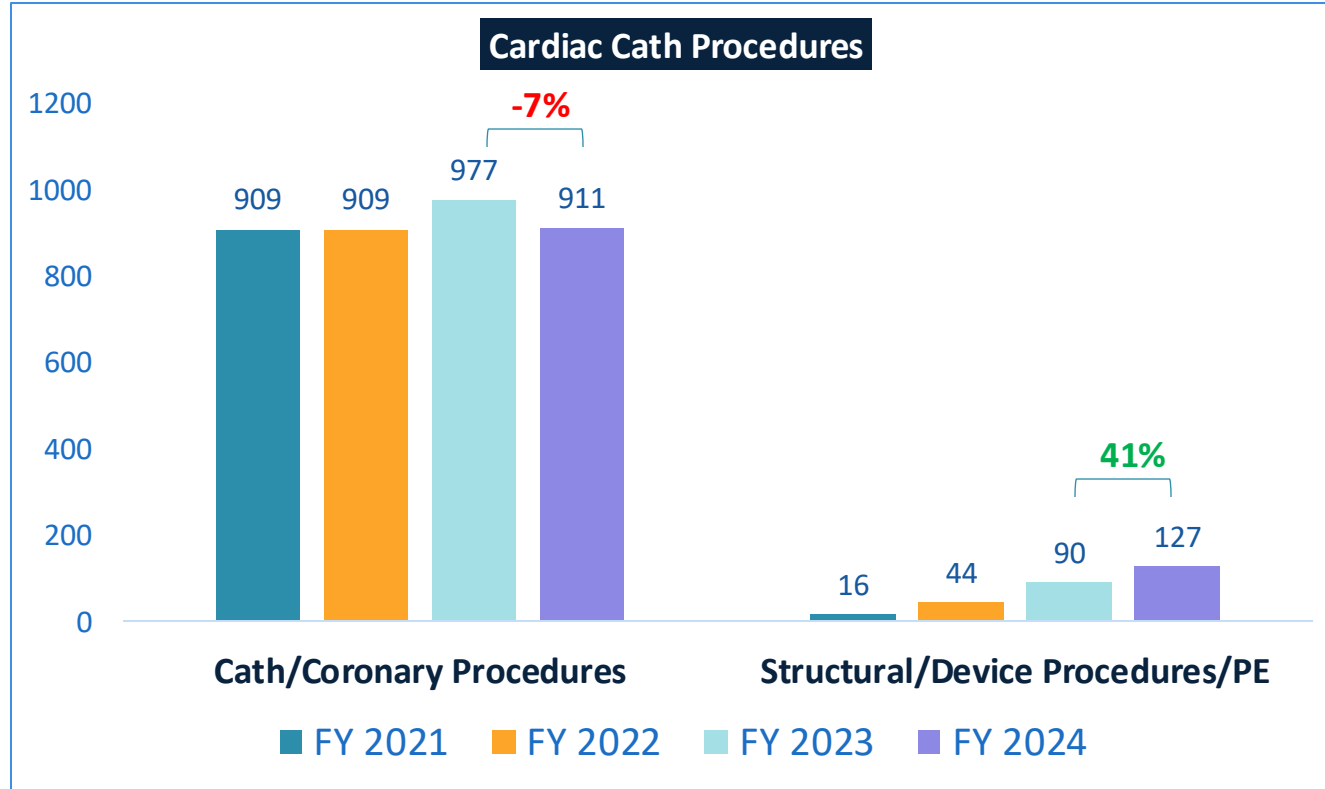
Lean Project



Advanced Cardiac Imaging



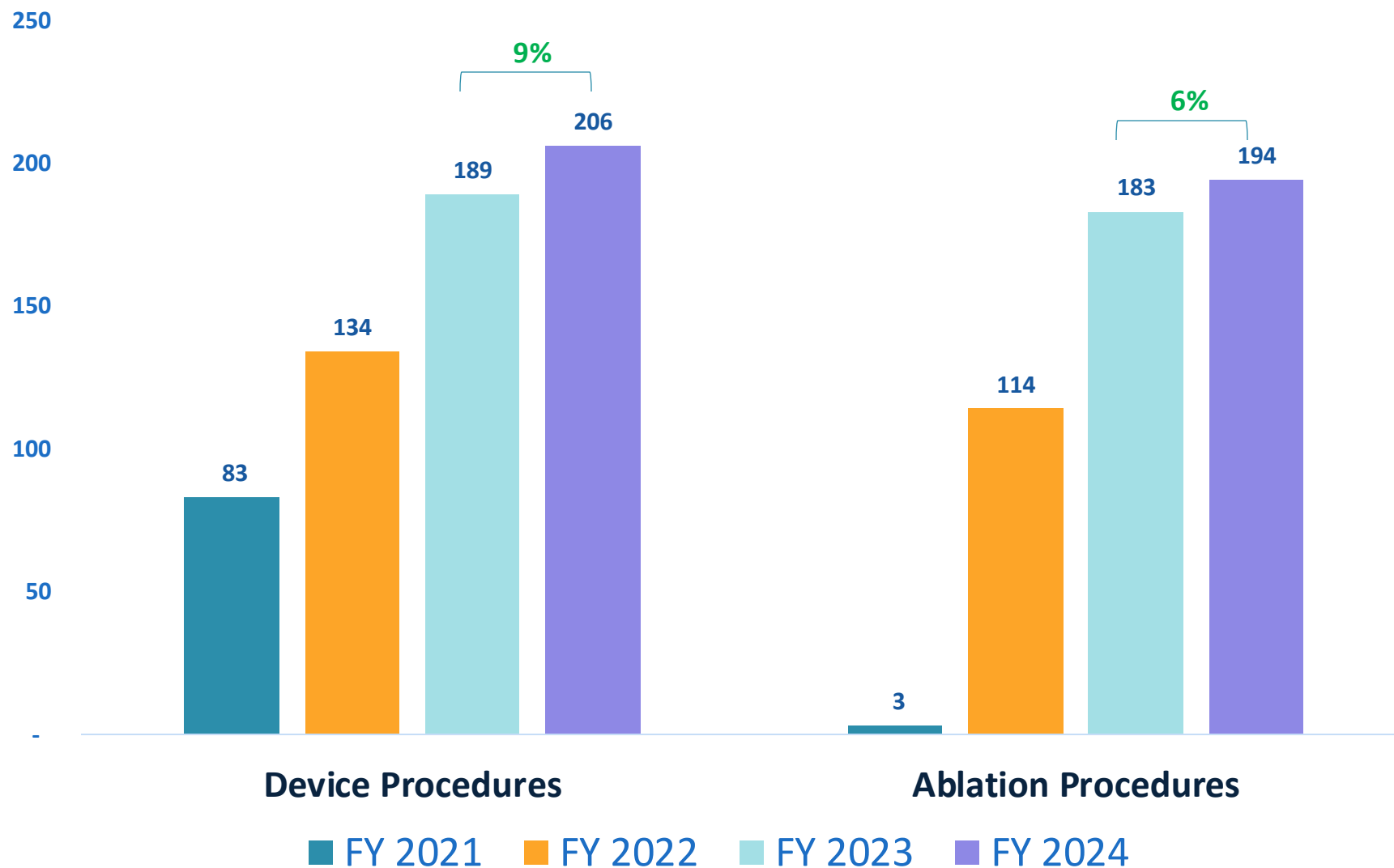
Interventional / Structural / Cardiac Surgery



IV fluid shortage

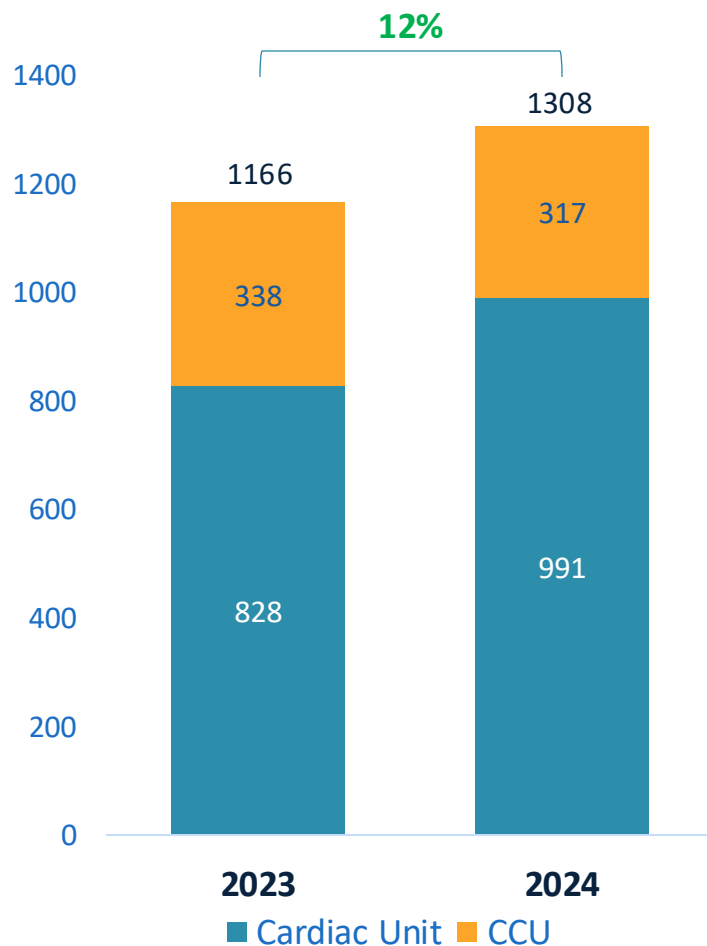


Electrophysiology

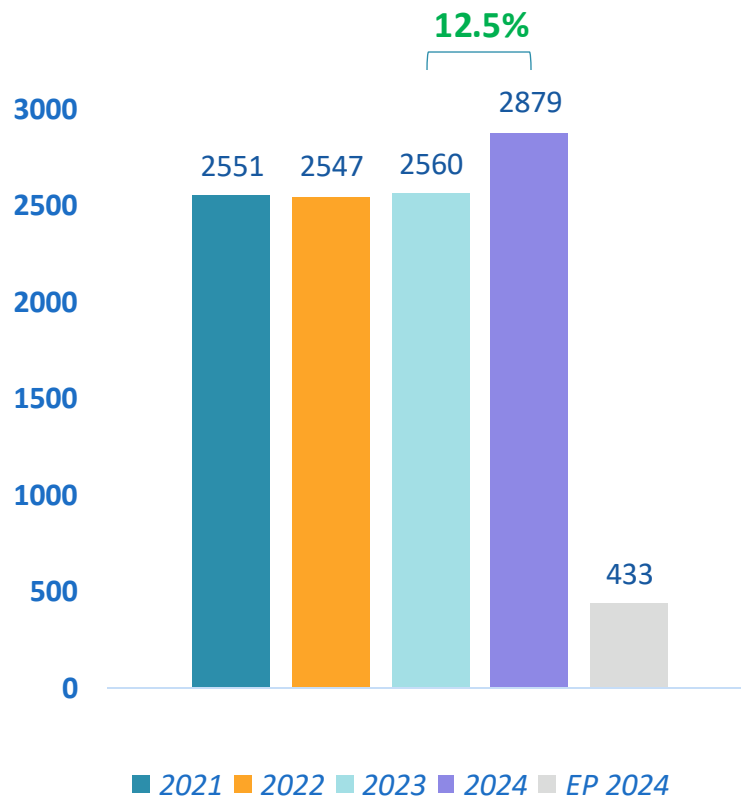


Inpatient Cardiology

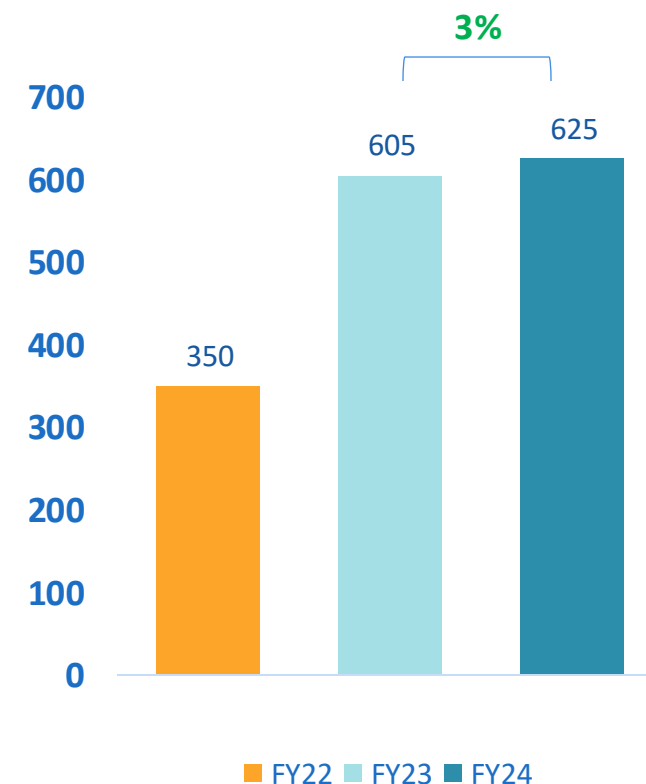
CCU & Cardiac Unit Services



Stroger Inpatient Consults



Provident Inpatient Consults



Planned Activities- Cardiovascular Service Line

FY2025

- a. Cardiac PET Program, Nuclear Cardiology Cerner Project, Weekend nuclear stress
- b. Continue planning for building additional Cath Lab and EP Lab, with hybrid capability
- c. Planning for ECMO
- d. Planning for Cardiac Rehab
- e. Expand connections with area hospitals / systems
- f. Optimize operational efficiency / quality
- G. Recruitment: business manager, chair of cardiology, attending cardiologists
- H. Optimize reporting structure and budgeting
- I. Build a Heart Failure service line
- J. Cardiac Intensive Care Unit (CICU)
- K. Build bridges with Vascular Surgery and IR
- L. Heart Symposium on February 22, 2025 (Heart Month)



Under Evaluation for FY2026-FY2028

Action Item

Expand EP

Build Provident cardiology infrastructure / expand services

Optimize support services (prior auth, pharmacy, patient navigation, etc.)

Expand non-invasive services in satellite clinics

Primary Prevention / Population Health Project



Thank you



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HEALTH