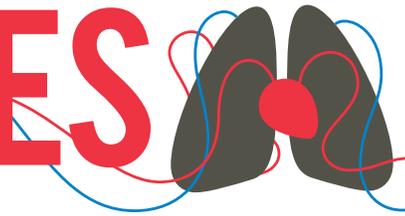


H E A R T & V A S C U L A R C A R E
FACTS & FIGURES


CARDIOVASCULAR MEDICINE | CARDIOTHORACIC SURGERY | VASCULAR SURGERY

AT A GLANCE

#1 IN HEART CARE, 23 YEARS AND COUNTING

(U.S. News & World Report)

ONE OF THE WORLD'S LARGEST, MOST EXPERIENCED CARDIAC, THORACIC AND VASCULAR SURGERY GROUPS



Whether you're coming from Cleveland, Kansas or Azerbaijan, our team offers you the best and most appropriate treatment options available — using minimally invasive approaches whenever possible.



604K 604,055 patients from 76 countries and all 50 states came to Cleveland Clinic for cardiovascular care in 2016.

BY THE NUMBERS

	145	Cardiologists/vascular specialists
	139	Residents and fellows
	1,035	Nurses
	47	Nurse practitioners/physician assistants
	20	Vascular surgeons
	16	Cardiac surgeons (adult and pediatric)
	5	Thoracic surgeons

	604,055	Patient visits
	13,525	Admissions
	4,284	Cardiac surgeries
	1,457	Cardiac devices implanted
	1,707	Interventional procedures
	7,831	Diagnostic cardiac catheterizations
	2,796	Vascular surgeries
	1,724	Thoracic surgeries
	1,228	Aortic repairs
	3,039	Valve surgeries
	54	Heart transplants
	110	Lung transplants

OUTCOMES SNAPSHOT

(2016 stats)

1/3 Cleveland Clinic's mortality was **one-third** of the expected rate across the three procedure categories in the Society of Thoracic Surgeons (STS) Adult Cardiac Surgery Database in 2016 (0.6% vs. 1.9%). The three categories are coronary artery bypass graft (CABG), aortic valve replacement (AVR) and combined CABG + AVR.

 Cleveland Clinic has one of the highest cardiothoracic surgery volume totals and some of the lowest mortality rates of all U.S. hospitals ranked in the Top 10 for heart care by *U.S. News & World Report*.

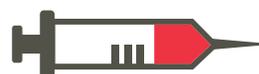
1.07% The in-hospital mortality rate among patients who had percutaneous coronary intervention (PCI) at Cleveland Clinic in 2016 was 1.07% — roughly half the national average of 2.0%.

24% Reoperations accounted for 24% of the cardiac surgeries performed at Cleveland Clinic in 2016. Reoperations are more complex and are associated with greater risk than first-time operations.

374 Cleveland Clinic surgeons performed 374 transcatheter aortic valve replacement (TAVR) procedures in 2016. The in-hospital mortality rate was 0.0% compared with the expected rate of 2.9%.

1.03% Cleveland Clinic sets the standard for low complication rates related to defibrillator implants: In 2016, the complication rate was 1.03%, which is better than the U.S. average (1.40%) and the U.S. 90th percentile (1.08%).

1,750 Electrophysiologists at Cleveland Clinic perform a high number of lead extractions. In 2016, they removed 1,750 infected or damaged leads for implanted cardiac devices. Many patients have complex conditions that result in referrals to our experts.



2016 VOLUME COMPARISONS

PROCEDURE	CLEVELAND CLINIC VOLUME	OTHER STS HOSPITALS AVERAGE VOLUME*
AORTIC VALVE REPLACEMENT (AVR) – isolated	379	26
MITRAL VALVE REPAIR – isolated	306	8
AVR + CORONARY ARTERY BYPASS GRAFT	249	16
MITRAL VALVE REPLACEMENT – isolated	83	7

*Society of Thoracic Surgeons National Adult Cardiac Surgery Database 2016

DEPARTMENTS

The Miller Family Heart & Vascular Institute features more than 40 specialty centers and clinics to provide expert care to patients with all forms of cardiovascular disease.

Cardiovascular Surgery

Thoracic Surgery

Vascular Surgery

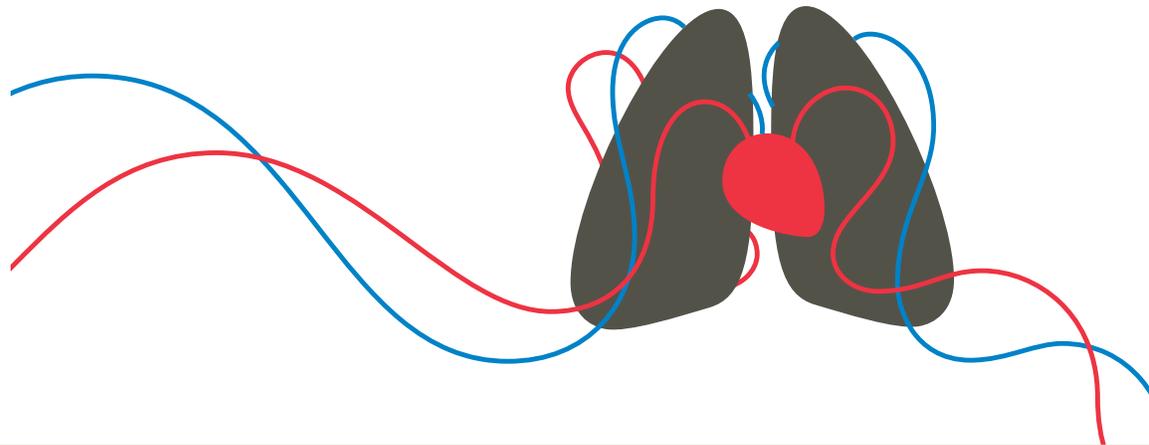
Cardiovascular Medicine

- Cardiac Electrophysiology & Pacing
- Cardiovascular Imaging
- Clinical Cardiology
- Heart Failure and Transplantation
- Invasive and Interventional Cardiology
- Preventive Cardiology & Rehabilitation
- Vascular Medicine

Appointments:
800.223.CARE (2273)

Speak to a heart nurse:
866.289.6911

24/7 Referrals
855.REFER.123
(855.733.3712)



health
essentials

clevelandclinic.org/heart