



# CARDIOVASCULAR UPDATE

CLINICAL CARDIOLOGY AND CARDIOVASCULAR SURGERY NEWS

**50** Years of  
**CARDIOVASCULAR  
SURGERY**

## Cardiology and Cardiovascular Surgery Rochester, Minnesota 2004

# 2004



### Cardiovascular Surgery

**Total Operations** Procedures  
**2,610**

**Cardiac Valve Surgery** **1,224**

Mitral valve repair **363**

Mitral valve replacement **179**

Aortic valve repair **68**

Aortic valve replacement **576**

Other valve surgery **287**

Bioprosthetic valve **499**

Mechanical prosthetic valve **296**

Homograft **23**

**Coronary Artery Bypass Grafting** **995**

**Congenital Heart Disease** **559**

**Thoracic Aortic Aneurysm Repair** **149**

**Maze Procedure** **102**

**Myectomy/Myotomy** **84**  
(hypertrophic obstructive cardiomyopathy)

**Pericardiectomy** **56**

**Mediastinal Tumor Resection** **38**

**Cardiac Transplantation** **27**

**Pulmonary Thromboendarterectomy** **8**

**Carcinoid Valve Surgery** **8**



### Cardiology

#### Gonda Vascular Center

Vein Clinic Patient  
visits  
**276**

Vasculitis Clinic **230**

Thrombophilia Clinic **10,936**

Wound Care Clinic **7,367**

Vascular medicine outpatient consultations **6,651**

Vascular surgery outpatient consultations **4,872**

Procedures  
Vascular ultrasonography **13,689**

Noninvasive peripheral vascular studies **8,428**

Sclerotherapy **600**



#### Electrophysiology Laboratory

Procedures  
Diagnostic electrophysiology **224**

Head-up tilt **300**

ICD follow-up checks **138**

ICD implants **424**

Pacemaker implants **681**

Biventricular pacemakers **31**

Biventricular ICD implants **119**

Device revisions **165**

Loop recorder implants **43**

Radiofrequency ablations **650**

Atrial flutter **55**

Atrial tachycardia **24**

Accessory pathway **49**

AVNRT **95**

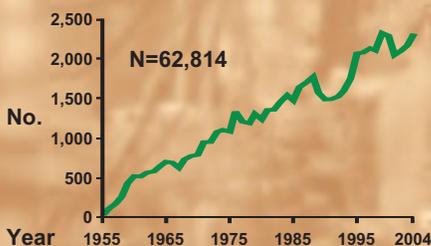
Pulmonary vein isolation **250**

Ventricular tachycardia **55**

Other **122**



Cardiopulmonary Bypass Operations 1955-2004





**50** Years of  
**CARDIOVASCULAR  
SURGERY**

# 2004

## Cardiology and Cardiovascular Surgery Rochester, Minnesota 2004

### Cardiology *continued*

#### Cardiology Outpatient Clinics

	Patient visits
General Cardiology Clinics	<b>25,583</b>
Arrhythmia Clinic	<b>2,947</b>
Cardiomyopathy Clinic	<b>457</b>
Cardiovascular Health Clinic	<b>7,246</b>
Chest Pain and Coronary Physiology Clinic	<b>227</b>
Congenital Heart Disease Clinic	<b>1,537</b>
Early Atherosclerosis Clinic	<b>84</b>
Heart Failure Clinic	<b>2,869</b>
Marfan Clinic	<b>110</b>
Pacemaker/ICD Clinic	<b>4,208</b>
Pediatric Cardiology Clinic	<b>3,598</b>
Pulmonary Hypertension Clinic	<b>2,291</b>
Valvular Heart Disease Clinic	<b>2,022</b>
Women's Heart Center	<b>1,520</b>
<b>Total</b>	<b>54,699</b>

#### Cardiology Inpatient Services

Admissions to cardiology inpatient services	<b>8,863</b>
Inpatient cardiac consultations	<b>3,586</b>

#### Cardiac Catheterization Laboratory

	Procedures
Pediatric diagnosis and intervention	<b>323</b>
Percutaneous interventions (PCI)	<b>1,756</b>
Non-PCI intervention	<b>118</b>
Diagnostic catheterization	<b>5,085</b>
Septal occluder placement	<b>176</b>
Balloon valvuloplasty	<b>32</b>

#### Electrocardiography Laboratory

	Procedures
Event recorders	<b>1,295</b>
Holter monitors	<b>8,079</b>
ECGs	<b>175,316</b>

#### Echocardiography Laboratory

	Procedures
2-D echocardiography	<b>34,092</b>
Transesophageal echocardiography (TEE)	<b>3,885</b>
Stress echocardiography	<b>8,452</b>
Pericardiocentesis	<b>127</b>
Intraoperative TEE, adult	<b>1,900</b>
Intraoperative TEE, congenital	<b>238</b>
Congenital examinations	<b>4,797</b>

#### Nuclear Cardiology Laboratory

<b>Cardiac PET Scans</b>	<b>196</b>
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#### Education

Cardiology Training Program	
Cardiology fellows	<b>32</b>
Clinical Investigator trainees	<b>4</b>
NIH trainees	<b>5</b>
Advanced subspecialty trainees	<b>11</b>
Cardiovascular Surgery trainees	<b>4</b>
Pediatric Cardiology trainees	<b>3</b>

Nursing at Mayo Clinic in Rochester again received Magnet status designation for excellence in 2004.



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