

# 2008 Health Grades Results

Antonio Sortino, MD

Recipient of Health Grades Cardiac Surgery Excellence Award  
Ranked among the top 5% in Nation for Cardiac Surgery  
Ranked 3rd. Best in the state of Pennsylvania for Cardiac Surgery  
Five-Star rated for Valve Replacement Surgery  
Five-Star rated for Treatment of Atrial Fibrillation  
Received the highest possible star ratings for Coronary Bypass Surgery  
Best in Pittsburgh Region for overall Cardiac Services and Cardiac Surgery  
*Reflects 2004 - 2006 results, primary surgeon of record greater than 95% of cases reported*

## Pulmonary Vein Ablation (PVA)

First procedure at TWH in October 2006

26 procedures have been done to date

At one year, 4 cases have been documented. 3 were in SR at 1 year, 1 patient is deceased.

At 6 months, 15 cases are reported, 5 were deceased before the reporting period, 90% of remaining cases have been documented in SR.

Rigid monitoring and follow has been coordinated with PCP & Cardiologist.

## Atrial Fibrillation Management

An Anidarone protocol was developed and instituted, including usage in the operating room starting in 2004

### Atrial Fibrillation

TWH Statistics Vs. (STS)

#### NATIONAL ATRIAL FIBRILLATION % RATES

- CABG - 7.5 (21.1)
- MVR - 20.0 (29.4)
- MVRR - 0 (26.2)
- AVR - 14.3 (27.7)
- CABG/AVR - 20.0 (35.1)
- CABG/MVR - **40.0** (37.4)
- CABG/MVRR - 14.3 (34.8)

### Anti-Arrhythmic Use Post-operatively

TWH Statistics Vs. (STS)

#### POST-OPERATIVELY

- CABG - 75.5 (26.8)
- MVR - 0 (31.8)
- MVRR - 80.0 (28.3)
- AVR - 86.7 (31.0)
- CABG/AVR - 50.0 (36.3)
- CABG/MVR - **20.0** (37.2)
- CABG/MVRR - 50 (37.7)

## CABG *(all data 2006)* CABG TWH Statistics Vs. (STS)

#### PRE-OPERATIVE MEDICATIONS

- % Aspirin Therapy - 93.0 (75.9)
- % Beta Blocker Usage - 76.6 (73.9)
- % ACE/ARB Usage - 53.2 (42.3)
- % Lipid Lowering Agents - **66.1** (66.8)

#### POST-OPERATIVE VENTILATION MANAGEMENT

- Total Mean Ventilation Hours - 17.1 (22.4)
- Initial Ventilation Hours - 12.8 (16.3)
- Re-intubation Percentage - 3.2 (3.8)
- % of Initial Ventilation Hours (<6hrs.) - **14.5** (32.5)

#### MAJOR COMPLICATIONS

- % and Complications - 17.7 (36.5)
- % of Major Complication/Mortality - 10.5 (14.7)
- % of any Infection - 0 (1.8)
- % of DSWI - 0 (0.4)

#### DISCHARGE MEDICATIONS

- % Aspirin Therapy - 94.4 (91.9)
- % ACE/ARB - **40.3** (41.5)
- % Beta Blocker Usage - **80.6** (88.2)
- % Lipid-Lowering Agents - 95.2 (85.6)
- % Anti-arrhythmic - 75.0 (26.8)

#### INTRA-OPERATIVE MEASURES

- % of Left IMA Usage - **90.3** (93.0)
- Cross Clamp Times, Means - 46.8 (67.1)
- Perfusion Times, Means - 83.2 (96.0)
- % of Blood Product Usage - 37.1 (38.5)

#### POST-OPERATIVE MANAGEMENT

- % of Total Blood Product Usage - **49.2** (45.7)
- Total CCU Length of Stay (LOS) - **73.7** (65.5)
- Mean Total LOS (days) - 8.3 (9.2)
- Mean Post-procedure LOS (days) - 5.9 (7.0)

#### COMPLICATIONS CABG

- Neurological - .08% (2.1%)
- Renal Failure - 3.1% (3.6%)
- Gastro-Intestinal - **2.4%** (2.2%)
- Atrial Fibrillation - 7.5% (21.1%)