

2007 Outcomes Summary



Cardiothoracic Surgeons of Grand Traverse in conjunction with Munson Medical Center, an eight-time Solucient Top 100 Hospital, has consistently been identified as one of the best open heart programs in Michigan.

In 2006, Munson Medical Center was named a “Solucient Top 100 Hospital” in the category of Cardiovascular Benchmarks for Success, the only hospital in northern lower Michigan to receive this award. As the attached analysis demonstrates, our outcomes are excellent, comparing favorably with the most recognized programs in the country.

For further information, we encourage you to visit our website at

www.FirstHeartNorth.com



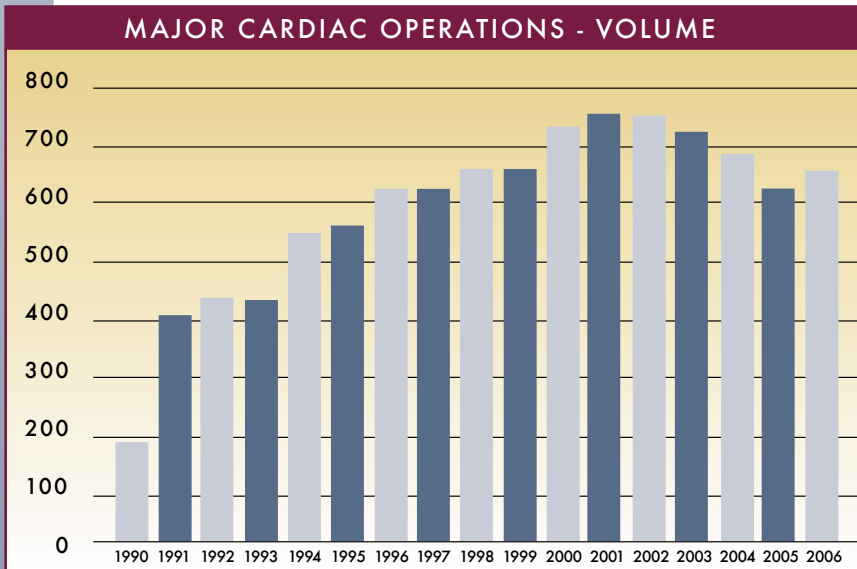
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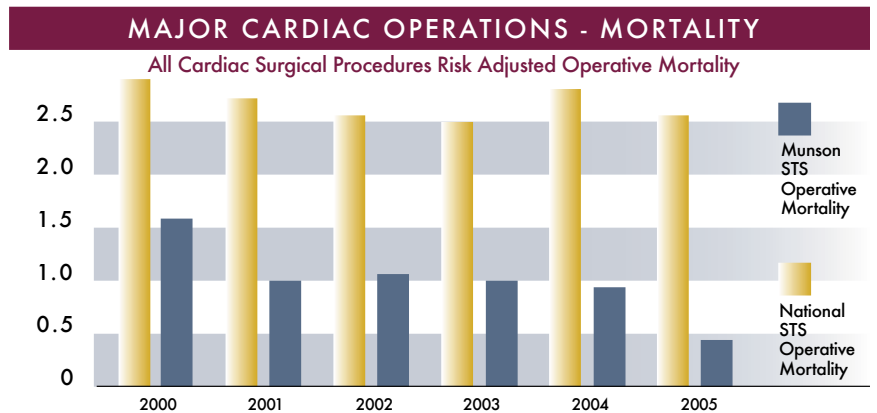
Outcomes

In 2006, the Munson cardiovascular program saw thousands of patients, performed nearly 5000 interventional and diagnostic cardiac catheterization procedures and conducted approximately 650 open heart operations. Consistently, our focus on carefully individualized care has resulted in excellent outcomes.



High-volume open heart centers are associated with improved surgical outcomes.

The 2005 risk-adjusted major cardiac surgery mortality was **2.6% nationally**, while **Munson's** was only **0.4%**



Munson's cardiac surgical results are excellent and compare favorably to nationally recognized programs.

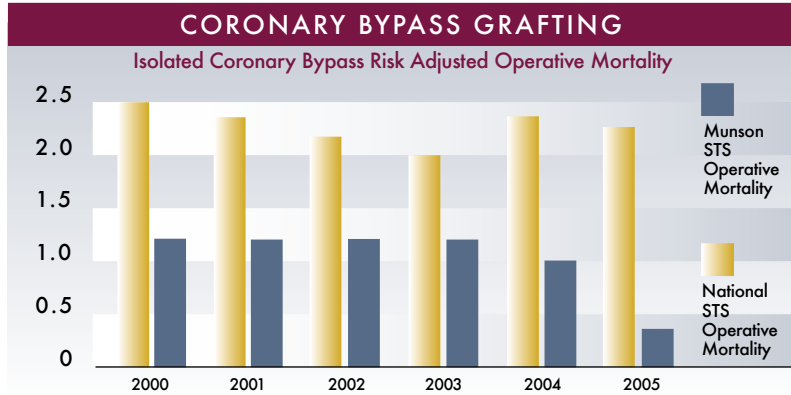
"We consistently achieve excellent outcomes associated with all cardiac surgical procedures including both advanced and minimally invasive techniques. Risk-adjusted mortality and complication rates are superior to national averages and continue to improve. The cardiac surgery service regularly receives national recognition for excellence in coronary artery bypass grafting and cardiac valve surgery."

Daniel H. Drake, M.D.

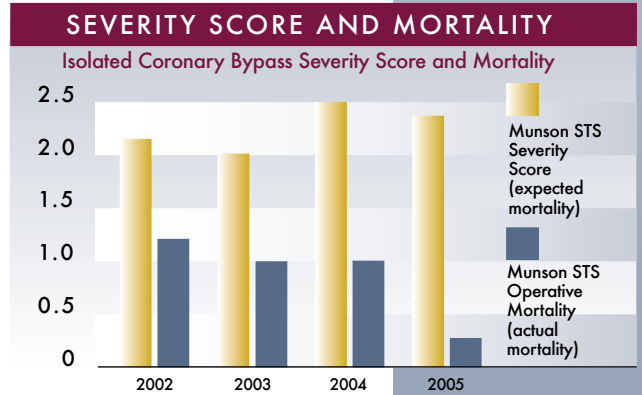


Outcomes

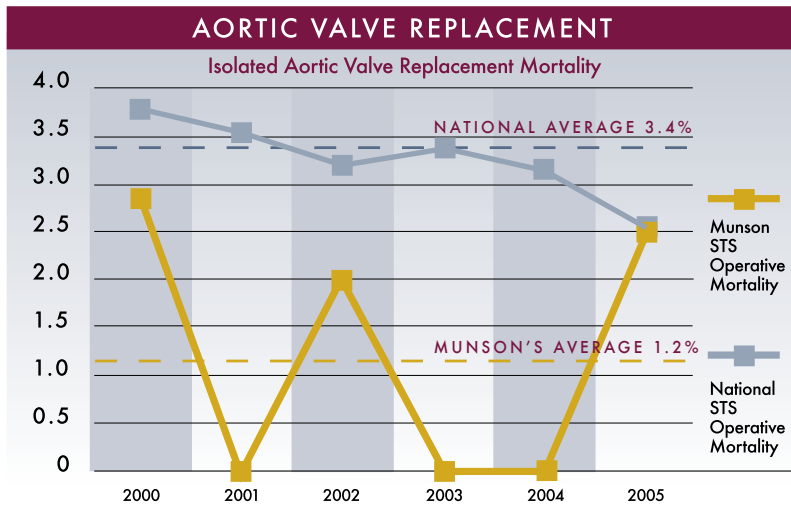
Munson's cardiac program rates favorably with even the most recognized cardiac programs in the nation. We are honored to be able to provide this level of quality care in northern Michigan. For comparative outcomes of our program as well as outcomes for all cardiothoracic surgery programs in the country, please visit www.healthgrades.com.



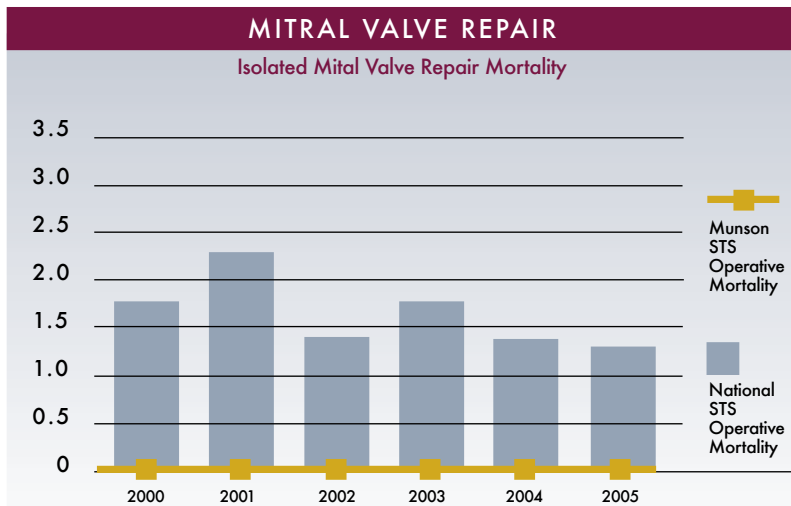
Outcomes for coronary bypass grafting including re-operation are consistently superior to regional and national results.



Despite an increasing severity score, Munson's mortality rates continue to decline.



CENTER LEFT: The national aortic valve operative mortality from 2000 - 2005 was **3.4%** while Munson's was only **1.2%**.



BOTTOM LEFT: Mitral valve repair provides superior initial and long-term results when compared to replacement. Munson had **no** operative mortality from 2000 - 2005.



CARDIOTHORACIC SURGEONS OF GRAND TRAVERSE

■ The New Munson Heart Center

This expansion and consolidation of cardiovascular services promotes an interdisciplinary approach to care and positions Munson as Michigan's premier heart center..



The Munson Heart Center uses the latest technology during open-heart surgery. Above: the new Sorin S5 heart-lung machine.

Munson Medical Center has opened its new Munson Heart Center consolidating cardiovascular services into one convenient location. This represents the culmination of several years of careful planning and heralds a new collaborative approach to cardiac care. Located above the new Munson Emergency Department, the Munson Heart Center is a state-of-the-art facility offering the highest level of cardiovascular care, as well as a healing environment for patients and their families. The Center includes a 30-bed cardiothoracic surgery unit and a 30-bed cardiology unit providing intensive care and post-interventional care. Both units feature acuity-adaptable private rooms where patients will remain throughout their hospitalization while receiving the appropriate level of care as their needs change. These rooms feature many patient and family amenities including a family area with sleeping accommodations, television, internet access, kitchenette, and other services.

The Center also includes a 38-bed medical cardiology unit specializing in heart failure, noninvasive cardiology services and five cardiac catheterization and electrophysiology laboratories.



The NEW Munson Heart Center



Munson Medical Center
Top 100
Cardiovascular Benchmarks
for Success

Munson Medical Center
Top 100
National Benchmarks
for Success

"By meeting or exceeding these measures, we are saving lives. That is the most eye-opening part of Solucient's study. This award is a direct result of the cardiovascular team's commitment to deliver the highest quality care. Physicians in northern Michigan are again reminded that their patients will receive top-notch cardiac care at Munson."

Mack Stirling, M.D.



Mack C. Stirling, M.D.
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