May 2015

St. Luke's Medical Center Heart Plan

Aurora Health Care

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St. Luke's Medical Center Heart Plan
Welcome to St. Luke’s Heart Plan

St. Luke’s Heart Plan has more than ten years of experience providing high quality and cost-effective care to its patients. Year after year, nationally recognized cardiac physicians and St. Luke’s Medical Center have partnered to deliver outstanding, state-of-the-art heart care.

By choosing the Heart Plan team, you not only get nationally recognized cardiac physicians, you also get Wisconsin’s leading heart care center and one of the nation’s top performing hospitals.

The Heart Plan offers:

- The services of 25 cardiologists, 13 cardiovascular surgeons, 25 anesthesiologists and a wide variety of other consulting physicians.

- St. Luke’s Medical Center’s experienced team of certified cardiac nurses, the support of many other health care professionals and the latest in heart care technology.

- Competitive fixed rates that include all hospital and physician charges for cardiac catheterization, coronary angioplasty, coronary bypass, heart valve repair or replacement and heart transplants.

When selecting a heart program, look to the plan that can bring you experience, quality and cost-effective care ... St. Luke’s Heart Plan.

If you have questions about St. Luke’s Heart Plan, please call (414) 649-7808.
St. Luke’s Heart Plan Physicians

St. Luke’s Heart Plan physicians offer you decades of experience with tens of thousands of cardiac patients, a fact of critical importance when selecting high quality heart care.

Cardiologists
Anita M. Arnold, D.O.
Paul S. Bernstein, M.D.
Frank E. Cummins, M.D.
Russell C. Dabrowski, M.D.
Gerald Dorros, M.D.
Henry H. Gale, M.D.
Charles K. Hellman, M.D.
Michael R. Jaff, D.O.
James F. King, M.D.
Krishna Kumar, M.D.
James A. Leibsohn, M.D.
Ruben F. Lewin, M.D.
Massoud M. Maleki, M.D.
Jack C. Manley, M.D.
Gerald T. McNerney, M.D.
Matthew J. Mick, M.D.
James T. Moran, M.D.
Robert W. Ninneman, M.D.
Gregory H. Schuchard, M.D.
Richard E. Silberman, M.D.
Bernard J. Staller, M.D.
Timothy Vellinga, M.D.
John A. Walker, M.D.
Norman K. Weinstein, M.D.
Howard J. Zeft, M.D.

Cardiac Surgeons
James E. Auer, M.D.
Thomas P. Barragry, M.D.
Jerold B. Brenowitz, M.D.
John D. Crouch, M.D.
Francis X. Downey, M.D.
Laurence D. Hutchinson, M.D.
Leonard H. Kleinman, M.D.
David C. Kress, M.D.
Saedm D. Saedi, M.D.
Terence M. Schmahl, M.D.
Paul E. Seifert, M.D.
Alfred J. Tector, M.D.
Paul H. Werner, M.D.

Anesthesia Associates of Milwaukee
Mark D. Adams, M.D.
Ulrik T. Blaschke, M.D.
Anthony A. Buechler, M.D.
John E. Brusky, M.D.
Donald G. Chrzan, M.D.
David Fingard, M.D.
Glement M. Grum, M.D.
Neil R. Guenther, M.D.
Jonathan Kay, M.D.
Tong-Chui Koh, M.D.
Vladimir Kovacevic, M.D.
Michael J. Kuhn, M.D.
Richard C. Lennertz, M.D.
Daniel T. Minkel, M.D.
Gordon L. Mortensen, M.D.
Steven K. Nakata, M.D.
Timothy W. Pries, M.D.
Bernard B. Rhomberg, M.D.
Richard L. Rusch, M.D.
Gregory D. Rypel, M.D.
Robert T. Salvin, M.D.
Richard A. Smith, M.D.
Joseph Stoecki, M.D.
Timothy M. Walton, M.D.
James R. Warsh, M.D.

AHC Pathologists, S.C.

Pulmonary Medicine Consultants, S.C.

Milwaukee Radiologists, Ltd.
St. Luke’s Medical Center

Wisconsin’s Leading Heart Care Center

Commitment to Excellence... Dedication to Innovation... Unsurpassed Patient Care... Understanding... That’s the St. Luke’s Difference.

For nearly a century, St. Luke’s has made a difference in our community, providing some of the most advanced and comprehensive cardiac care in the United States.

Today, as the largest private medical center in Wisconsin, St. Luke’s serves as a regional, national and international cardiac referral center. Since 1989, in recognition of St. Luke’s heart care excellence, other peer hospitals have transferred over 8,500 patients to St. Luke’s to provide the level of heart care required.

As a research and teaching hospital, St. Luke’s attracts dedicated and devoted professionals. People highly skilled in their medical specialties and in patient care. While they are committed to working on the forefront of medicine, they are also dedicated to serving patients with compassion and understanding. Each patient’s situation is uniquely different. The St. Luke’s team continually strives to make each person’s experience a positive one.

St. Luke’s sets the pace by example, performing many cardiac firsts. The Midwest’s first heart transplant and Wisconsin’s first laser-assisted angioplasty are among the techniques pioneered at St. Luke’s Medical Center. St. Luke’s was the first site in the nation to offer Transmyocardial Laser Revascularization to restore blood flow to damaged heart muscle. St. Luke’s Cardiovascular Data Registry, the Midwest’s largest coronary disease research program, enables physicians to study the outcomes of cardiac care and select the most effective treatment options for patients.

These are a few reasons that more heart surgeries, heart transplants, cardiac catheterizations and angioplasties are performed at St. Luke’s than at any other hospital in Wisconsin.*

*Source: Wisconsin Office of Health Care Information
Cost-Effectiveness and Quality

In a national study conducted the past two years, St. Luke's Medical Center has been selected out of thousands of hospitals as one of the top-performing hospitals in the United States. The study indicated that if all hospitals performed at the level of St. Luke's and other benchmark hospitals the results for the health care industry would be dramatic:

- Hospital charges would decline by $43 billion and expenses would decline by $21 billion.

- Hospital average lengths of stay would drop by a day or more.

- Mortality rates would drop by 17 percent.

- Complication rates would drop by 14 percent.

*According to 1993 and 1994 studies produced jointly by HCIA and Mercer Health Care Provider Consulting.

Numerous studies have proven that hospitals with a larger number of heart cases have lower mortality rates and lower costs in cardiac care. On the following pages are a few examples of the St. Luke’s experience:
“St. Luke’s did more than triple the volume of (cardiovascular) surgeries and heart procedures than its nearest competitors. Its charges reflect economies of scale — St. Luke’s beat the area average charges by wide margins in virtually every category.”

Milwaukee Journal, October 10, 1994

### Interventional Cardiology and Cardiovascular Surgery DRG's

<table>
<thead>
<tr>
<th>Hospital, Location</th>
<th>DRG Count</th>
</tr>
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<tbody>
<tr>
<td>St. Luke’s, Milwaukee</td>
<td>5753</td>
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<tr>
<td>S. Joseph - Milwaukee</td>
<td>1546</td>
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<tr>
<td>Sinai Samaritan - Milwaukee</td>
<td>1473</td>
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<td>St. Mary’s - Milwaukee</td>
<td>1226</td>
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<tr>
<td>Waukesha Memorial</td>
<td>1179</td>
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<tr>
<td>Univ. of Wisconsin - Madison</td>
<td>1090</td>
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<tr>
<td>St. Francis - Milwaukee</td>
<td>611</td>
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<tr>
<td>Columbia - Milwaukee</td>
<td>606</td>
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<tr>
<td>Doyne - Milwaukee</td>
<td>588</td>
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</table>

0 1000 2000 3000 4000 5000 6000


“Hospitals that perform more PTCA procedures have lower short-term mortality rates after the procedure ... High-volume hospitals are more likely to have more experienced physicians and ancillary personnel and greater availability of and experience in the use of devices for the treatment of complications of angioplasty, such as atherectomy and percutaneous cardio-pulmonary bypass.”

The New England Journal of Medicine, December 15, 1994, pp. 1625-1629

### Cardiac Angioplasty Procedures

<table>
<thead>
<tr>
<th>Hospital, Location</th>
<th>Procedures Count</th>
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<tr>
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<td>St. Joseph - Milwaukee</td>
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<tr>
<td>Sinai Samaritan - Milwaukee</td>
<td>400</td>
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<td>381</td>
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<td>St. Francis - Milwaukee</td>
<td>232</td>
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<td>Columbia - Milwaukee</td>
<td>226</td>
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<tr>
<td>Doyne - Milwaukee</td>
<td>177</td>
</tr>
</tbody>
</table>

0 400 800 1200 1600 2000 2400

ICD9 36.00-36.02 and 36.04-36.09
"St. Luke’s did 1,700 cardiac surgeries last year — five or six a day ... When you consider ‘all the pieces that are necessary to make this work’ — cardiac intensive care units, perfusionists, specialized nurses and anesthesiologists — hospitals averaging one such surgery a day can’t compete on cost."

*Milwaukee Journal, October 10, 1994*

"Hospitals doing greater than 650 Coronary Artery Bypass Grafts (CABG) have a 38% lower mortality rate than those hospitals that perform fewer than 650 bypasses."

*Journal of American Medical Association, July 1989*

### Cardiovascular Surgeries

<table>
<thead>
<tr>
<th>Hospital</th>
<th>Cardiovascular Surgeries</th>
</tr>
</thead>
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<tr>
<td>St. Luke's, Milwaukee</td>
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<tr>
<td>St. Mary's - Milwaukee</td>
<td>461</td>
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<tr>
<td>St. Joseph - Milwaukee</td>
<td>388</td>
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<td>Sinai Samaritan - Milwaukee</td>
<td>346</td>
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<td>Univ. of Wisconsin - Madison</td>
<td>251</td>
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<tr>
<td>Waukesha Memorial</td>
<td>209</td>
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<tr>
<td>Columbia - Milwaukee</td>
<td>163</td>
</tr>
<tr>
<td>St. Francis - Milwaukee</td>
<td>161</td>
</tr>
</tbody>
</table>


DRG's 103-108
St. Luke’s: A Leader and Innovator in Cardiac Care

St. Luke’s Medical Center has had a long tradition of excellence and innovation in heart care, leading the way in development of both surgical and non-surgical techniques for the treatment of heart disease.

- **1956** Purchased first heart pump in Wisconsin, the forerunner of today’s heart-lung machine.
- **1960** Began Wisconsin’s first cardiac catheterization program.
- **1961** Implanted Milwaukee’s first pacemaker.
- **1968** Performed the first multiple coronary bypass surgery among Milwaukee’s private hospitals.
- **1968** Performed the Midwest’s first heart transplant.
- **1978** Began using a beeper system to monitor heart rhythms of cardiac patients, the first system of its kind in Milwaukee-area hospitals.
- **1984** Opened Wisconsin’s first cardiac catheterization lab with a multi-axis lateral system totally dedicated to cardiac procedures.
- **1985** Performed the Midwest’s first transmyocardial laser revascularization procedure during bypass surgery to restore blood flow to damaged heart muscle.
- **1986** Implanted Wisconsin’s first Jarvik-7 artificial heart as a bridge to transplant, making St. Luke’s one of a limited number of centers in the United States where the Jarvik-7 procedure has been performed.
- **1986** Performed the first valvuloplasty procedure in Wisconsin.
• 1987 Became Wisconsin's first hospital to use the drug TPA for emergency treatment of heart attack victims.

• 1989 Became one of 12 medical centers nationwide to perform an atherectomy procedure.

• 1989 Performed the first successful coronary laser angioplasty in Wisconsin.

• 1989 Implemented use of a portable heart-lung machine in its Cardiac Catheterization Lab.

• 1990 Became Wisconsin's first hospital to receive Medicare approval for heart transplants.

• 1990 Made available Wisconsin's first external semiautomatic defibrillator system for home use.

• 1990 Performed its 100th heart transplant operation.

• 1991 Became Wisconsin's first hospital to insert a "stent" into a patient's coronary arteries to prevent collapsing.

• 1992 Initiated second phase of transmyocardial laser revascularization procedures on the beating heart.

• 1994 Became the Midwest's first hospital to implant the vented electric Heartmate®, a ventricular assist device.

• 1994 Became the first hospital in the Midwest to manage the care of a patient at home while his heart is being supported by a vented electric Heartmate®.