Variation

- In Utilization and Trend
- In Quality
- In Safety
Men have a higher rate of arthroscopy overall, consistent with published literature.

Source: Intelimedix – Proprietary & Confidential; BCBSA Analysis
Markets show substantial differences in arthroscopy rates after adjusting for age, gender, industry and type of diagnosis.
Key Findings – Variability

These arthroscopy rates can be further refined on a MSA basis

Source: Intelimedix – Proprietary & Confidential; BCBSA Analysis
A national designation awarded by Blue Cross and Blue Shield companies to hospitals and medical facilities that have demonstrated expertise in delivering quality healthcare in the areas of bariatric surgery, cardiac care, complex and rare cancers, transplants and our newest designations in spine surgery and knee/hip replacement. The designation is based on objective, evidence-based selection criteria established in collaboration with expert physicians and medical organizations.
More than 270 medical facilities across 41 states have been designated as **Blue Distinction Centers for Bariatric Surgery®**

- **Blue Distinction Centers for Bariatric Surgery®**
- **Blue Distinction Centers for Cardiac Care®**
- **Blue Distinction Centers for Complex and Rare Cancers®**
- **Blue Distinction Centers for Knee and Hip ReplacementSM**
- **Blue Distinction Centers for Spine SurgerySM**
- **Blue Distinction Centers for Transplants®**
More than 420 medical facilities across 40 states have been designated as **Blue Distinction Centers for Cardiac Care®**

- Blue Distinction Centers for Bariatric Surgery®
- **Blue Distinction Centers for Cardiac Care®**
- Blue Distinction Centers for Complex and Rare Cancers®
- Blue Distinction Centers for Knee and Hip Replacement℠
- Blue Distinction Centers for Spine Surgery℠
- Blue Distinction Centers for Transplants®
More than 90 medical facilities across 33 states have been designated as 
Blue Distinction Centers for Complex and Rare Cancers®
More than 500* medical facilities across 37 states have been designated as Blue Distinction Centers for Knee and Hip Replacement®

Blue Distinction Centers for Bariatric Surgery®

Blue Distinction Centers for Cardiac Care®

Blue Distinction Centers for Complex and Rare Cancers®

Blue Distinction Centers for Knee and Hip Replacement®

Blue Distinction Centers for Spine Surgery®

Blue Distinction Centers for Transplants®

*Approximate number of designated facilities by the end of Q1 2010
More than 300* medical facilities across 35 states have been designated as Blue Distinction Centers for Spine Surgery℠.

Blue Distinction Centers for Bariatric Surgery®

Blue Distinction Centers for Cardiac Care®

Blue Distinction Centers for Complex and Rare Cancers®

Blue Distinction Centers for Knee and Hip Replacement℠

Blue Distinction Centers for Spine Surgery℠ *

Blue Distinction Centers for Transplants®

*Approximate number of designated facilities by the end of Q1 2010
More than 80 medical facilities in 32 states have been designated as Blue Distinction Centers for Transplants®
The Blues® achieve a national presence, with more than 1,600* Blue Distinction® designations across 46 states.

- Blue Distinction Centers for Bariatric Surgery®
- Blue Distinction Centers for Cardiac Care®
- Blue Distinction Centers for Complex and Rare Cancers®
- Blue Distinction Centers for Knee and Hip Replacement℠
- Blue Distinction Centers for Spine Surgery℠
- Blue Distinction Centers for Transplants®

*Approximate number of designated facilities by the end of Q1 2010
Blue Distinction Centers deliver significantly better overall quality outcomes

<table>
<thead>
<tr>
<th>Procedure</th>
<th>Mortality Rates</th>
<th>Complication Rates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bypass Surgery (30 days post)</td>
<td>2%</td>
<td>3%</td>
</tr>
<tr>
<td>Adult Allogeneic Stem Cell Transplant (1 year post)</td>
<td>42%</td>
<td>52%</td>
</tr>
<tr>
<td>Heart Transplant (1 year post)</td>
<td>11%</td>
<td>19%</td>
</tr>
<tr>
<td>Bariatric Surgery (30 days post)</td>
<td>5%</td>
<td>8%</td>
</tr>
</tbody>
</table>

Note: Results shown are mean values. Mortality rates for bypass surgery and heart transplant are risk-adjusted. Source: BCBSA Analysis of 2005-06 Hospital RFI Data. Bone marrow transplant data based on actuarial data. Heart transplant data include facility results abstracted from the Scientific Registry for Transplant Recipients.
RFI Scores for Knee and Hip Replacement

Score (out of 100 points)

Facilities (n=835)
Where does safety fit on this agenda?

- There has been little variation in the safety of health care since the IOM report 10 years ago.
- This is unacceptable.
Allan M. Korn, M.D., FACP
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