



AVANT-GARDE  
HEALTH

Let's Take a Closer Look™



# Which change will improve care quality and reduce cost the most?

## Let's take a closer look...

With Avant-garde Health, hospitals, ASCs, and physicians finally have the level of detail needed to see opportunities for improvement they can't see now. These details include the cost of supplies, OR times and many others – across physicians, hospitals, and nationwide benchmarks.



### See the Details

Drill down to a level of clinical, financial, and operational detail that you can't see today.



### Compare the Findings

Benchmark the data across your department, your hospital, your health system, and other institutions like yours.



### Develop the Playbooks

Get help turning all these insights into specific action steps from a team that's done this hundreds of times before.

## CASE STUDY



**PennState Health**  
Milton S. Hershey Medical Center

“The data analytics have been tremendous for us by providing a better understanding of our actual costs.”

**Charles Davis, MD, PhD**

*Chief, Arthroplasty*

Penn State Health Milton S. Hershey Medical Center

**10%** Lower costs for surgical supplies

**44%** Reduction in length of stay

**49%** Reduction in post-acute care costs

**86%** Reduction in 90-day readmissions

**\$5,900** Cost saving per case across the continuum of care

With Avant-garde health, opportunities for revenue growth and cost savings are easily identified, assessed and realized.

TYPICAL OPPORTUNITIES FOR A MID-SIZE HOSPITAL

Revenue Growth & Cost Savings Opportunities	Annual Benefit
Optimized Surgical Coding	\$535,000
Reduced Supply Cost	\$5,910,623
Reduced Length of Stay	\$3,252,789
<b>Total</b>	<b>\$9,698,412</b>



### Optimized Surgical Coding

Coding guidelines and review processes commonly used by providers are designed to prevent and identify the most common errors. Complex and nuanced surgical cases are often miscoded, even when reviewed by a consulting service partner. Avant-garde supplements your current coding reviews by identifying discrepancies between the supplies used in surgery and how the case was billed. Identifying and correcting these well-hidden coding errors will help you recover significant additional revenue.



### Reduced Supply Cost

The data needed to analyze and compare the cost of surgical procedures is buried in your EMR system in an almost unusable format. Avant-garde's platform exposes and normalizes the data, converting it into a highly useable format. You can now easily analyze and identify supply usage and cost across procedures, physicians and hospitals, and even benchmark with industry averages.



### Reduced Length of Stay

Length of Stay (LOS) is a key indicator of the efficiency of hospital operations. In most hospitals, daily demand for beds outpaces the supply of available beds. Efficient bed management results in increased hospital profit and improved patient outcomes.

With the Avant-garde Health platform, LOS is easily analyzed to expose opportunities for process improvement allowing for increased patient throughput and the opportunity to backfill patient capacity, increasing patient volume on a daily basis.

