Transparency of Artificial Intelligence and Machine Learning Devices in Advancing Healthcare Quality and Value-Based Care

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Transparency Matters: Gaining Insight into Medical Quality and Costs

Imagine going into your favorite grocery store to do your weekly shopping, but there are no prices on any of the products. At checkout, the cashier says, “Don’t worry about paying. We’ll send you a bill.” Several weeks later, you’re shocked to get a bill for thousands of dollars more than you expected.

You wouldn’t stand for not knowing the prices of your groceries, clothes, gas or other items before you buy them. So why do we accept not knowing how much medical procedures cost before we have them?

Having insight, or transparency, into the quality and cost of medical care can be empowering. You might be amazed by how much costs for the same medical service can vary, locally and nationally.

In New York City, the cost of a knee MRI ranges from $179 to $4,945, while the costs for the same procedure in Miami range from $142 to $4,406. If you pay a 20 percent coinsurance, your costs could be anywhere from $29 to $989, so it pays to comparison shop for care.

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Complex Medical Condition/Centers of Excellence

Program qualification process is multi-faceted

85 employed and empanelled physicians spanning the breadth of our product offerings

Technology partnerships provide detail and accuracy
Managing Variation Through Market Forces Centers of Excellence: Spine & Joint Surgeries

These surgeries are expensive... (typical cost per case):

- **Lumbar spine fusion**: $70,000
- **Cervical spine fusion**: $40,000
- **Knee/hip replacements**: $35,000
- **Disc surgeries**: $20,000

and costs vary widely within each market:

- Hip and knee replacements by facilities in the Atlanta area
- Each bubble represents a hospital
- Size of bubble indicates annual volume
OptumHealth Presence

99M
People served annually

1,600+
Primary & Specialty Care Clinics, urgent care centers and ASCs

56K+
Employed and Aligned Physicians

12K+
Employed Advanced Practice Clinicians
Building Coordinated Health Care Systems to Improve the Health of Communities
Empowering Providers to Deliver Exceptional Care

Traditional Medical Management
Focus on addressing the downstream impact of the “care decision.”

- Care Management & Coordination
- Disease Management
- Utilization Management

Primary Care Team
Aligned Specialists
The Patient
Closing Gaps in Care
Driving out Waste

Network Access
Practice Management
Team Based Care
OptimalCare Site of Service, Referrals and Clinical Algorithms
Pharmacy & Therapeutics

Practice Management
Manage all business aspects of a medical practice including human resources, information technology, compliance, marketing, financials, and daily operations.

Transformational
Use of evidence-based medicine to eliminate low value care. Focuses on addressing the upstream decisions that impact the “care decision”

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Care delivery can be elevated with technology including safe and effective AI/ML Devices

- Clinical Insight
- Technology
- Data & Information
- Quality
1.4 Trillion
digital transactions processed annually

$3.6B
invested annually in technology & innovation