

# 2026 VISION: FROM INSIGHT TO IMPACT

## - ADVANCING CARDIOVASCULAR PERFORMANCE THROUGH PRECISION, PARTNERSHIP, AND PURPOSE



### EXECUTIVE SUMMARY

Over the past month, Biome has published a series of white papers examining the forces reshaping cardiovascular care. In the white paper titled “Looking Ahead to 2026: The Top Trends Every Cardiovascular Service Line Leader Needs to Know,” we outlined the external pressures redefining cardiovascular strategy. In “How Leading Cardiovascular Centers Stay Ahead of Operational, Financial, & Clinical Challenges,” we explored how high-performing programs are responding through disciplined quality improvement and operational alignment. Most recently, “How Leading Health Systems Are Modernizing Insights, Workflows, and Governance to Drive Sustainable Performance” focused on integrated, timely data as the foundation for sustained performance.

This paper brings those perspectives together and looks forward. Biome’s 2026 Vision centers on helping ambitious cardiovascular programs achieve top tier clinical rankings, protect contribution margin, and act on insights with greater speed and precision. For leading CV centers, quality improvement has become a core business discipline that directly influences financial performance, operational resilience, and competitive positioning.

### THE 2026 ENVIRONMENT: CONVERGING PRESSURES, RISING EXPECTATIONS

As described in “Looking Ahead to 2026: The Top Trends Every Cardiovascular Service Line Leader Needs to Know,” cardiovascular programs operate in an increasingly constrained environment. Rising patient acuity, persistent workforce shortages, and expanding regulatory requirements are occurring alongside intensifying financial pressure.

Compounding these challenges are significant cuts and uncertainty in federal funding, including Medicaid reimbursement reductions and downstream impacts to safety net payments. For many hospitals, these changes are eroding contribution margin as the cost of delivering cardiovascular care continues to rise.

### AT A GLANCE

Biome’s 2026 vision aligns quality and margin through integrated healthcare data.



**Stuart Jacobson**  
CEO and Founder



**Rakan Khaki**  
COO and Co-Founder

## THE 2026 ENVIRONMENT CONTINUED

These dynamics represent a sustained shift toward higher expectations for transparency, efficiency, and financial discipline. Programs that rely on delayed reporting, siloed decision making, or internally built analytic approaches that require substantial time and investment will struggle to keep pace.

As Stuart Jacobson, CEO of Biome, has stated:

**“In an environment of shrinking reimbursement and rising complexity, hospitals cannot afford slow or imprecise improvement cycles. The organizations that succeed will be those that use technology to pinpoint exactly where performance and cost diverge from best practice, and then act on that insight quickly.”**

Biome integrates clinical, operational, and financial data to identify targeted benchmarks that highlight where cost, utilization, and outcomes differ meaningfully from peer performance. Biome then partners directly with hospital teams to translate those insights into measurable financial and quality gains.

Rakan Khaki, COO of Biome, explains:

**“Health systems should not have to choose between investing in quality improvement and protecting margin. By focusing effort only where it matters most, teams can achieve both in a fraction of the time and cost it would take to build these capabilities internally.”**

## QUALITY IMPROVEMENT AS AN OPERATING MODEL

In “How Leading Cardiovascular Centers Stay Ahead of Operational, Financial, & Clinical Challenges,” a consistent pattern emerged across high-performing programs: quality improvement delivers the greatest impact when it is embedded into daily operations rather than treated as a periodic initiative.

Leading CV centers are moving away from episodic reviews and toward continuous improvement models, characterized by clinician-led standardization, ongoing accreditation readiness, and regular cross-functional performance reviews. These practices allow organizations to surface documentation gaps, LOS drivers, and complication risk early enough to influence outcomes.

When operationalized, this model improves throughput, stabilizes staffing, strengthens contribution margin, and supports readiness for episodic payment models.

## PRECISION, TIMELINESS, AND TRUST IN DATA

A central insight from “How Leading Health Systems Are Modernizing Insights, Workflows, and Governance to Drive Sustainable Performance” is that data becomes valuable only when it is trusted and timely.

High-performing programs are shifting away from delayed, siloed reporting toward integrated measurement models with unified definitions and risk-adjusted views of procedure-specific outcomes, LOS, complications, and cost per case. Regular case review cycles supported by shared dashboards reduce ambiguity and enable leaders to move from explaining performance to improving it.

## PRODUCT INNOVATION FOCUSED ON IMPACT

Biome's product evolution has been intentionally shaped by the realities facing cardiovascular programs. Rather than building technology for reporting's sake, the focus has remained on enabling measurable performance improvement that can be acted on by clinical, operational, and financial leaders.

As described in "How Leading Health Systems Are Modernizing Insights, Workflows, and Governance to Drive Sustainable Performance," this approach has led to several key advancements:

- Deeper integration of registry, EMR, cost accounting, and implant data to create a unified clinical financial view
- Procedure level contribution margin visibility that reflects real utilization and outcomes
- Risk adjusted views of length of stay, complications, and outcomes to support fair and actionable comparisons
- Embedded workflows that support multidisciplinary performance rounds and shared accountability
- Scalable analytics that support system level governance without losing procedural nuance

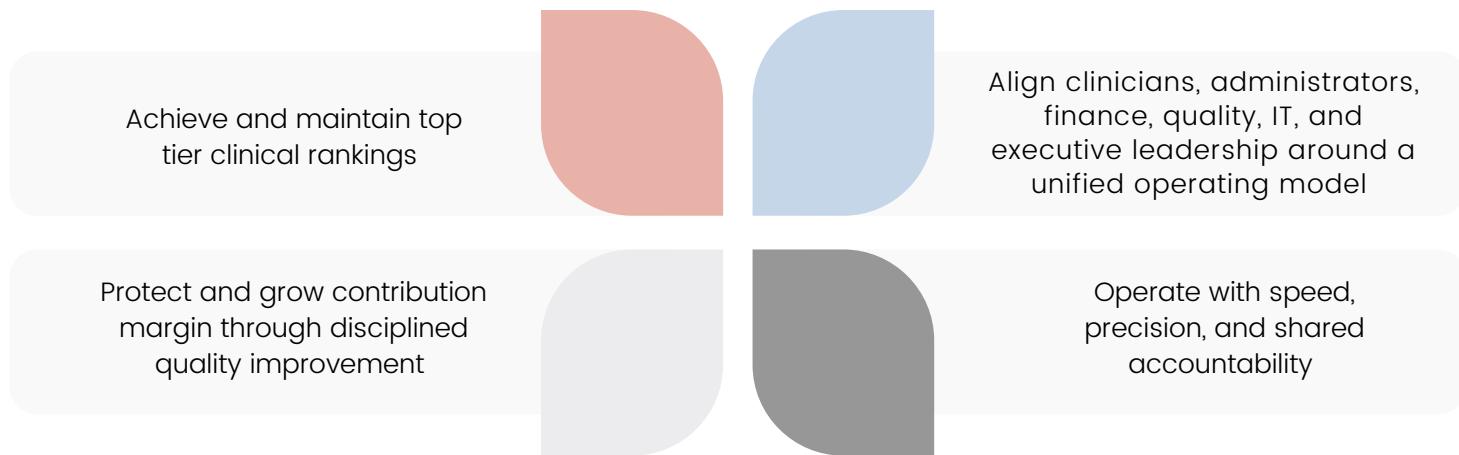
These capabilities are not endpoints. They are foundations that allow cardiovascular teams to operate with greater confidence in constrained environments, align improvement efforts to what matters most, and translate insight into sustained clinical and financial gains.

## DEMONSTRATED IMPACT ACROSS CV PROGRAMS

Across Biome's partner network, these approaches are delivering tangible results. Programs are reducing length of stay through standardized recovery pathways, improving documentation completeness and risk capture, and strengthening alignment between clinical priorities and financial performance. Many organizations are also better prepared for bundled and episodic payment models and more confident in managing cost using real utilization data.

## THE BIOME 2026 VISION

Biome's 2026 Vision is designed for ambitious cardiovascular centers seeking sustained leadership rather than incremental improvement. It supports programs aiming to:



Achieve and maintain top tier clinical rankings

Align clinicians, administrators, finance, quality, IT, and executive leadership around a unified operating model

Protect and grow contribution margin through disciplined quality improvement

Operate with speed, precision, and shared accountability

## CONCLUSION

The path to 2026 is not about predicting every regulatory or market change. It is about building capabilities that allow cardiovascular programs to adapt, improve, and lead regardless of external conditions.

By unifying data, modernizing governance, embedding quality into daily operations, and advancing analytics and AI with intention, Biome helps cardiovascular leaders protect margin, improve outcomes, and sustain performance as care grows more complex, reimbursement tightens, and expectations for quality, transparency, and accountability continue to rise.

## DISCOVER THE FUTURE OF CARDIOVASCULAR WITH BIOME'S ADVANCED ANALYTICS PLATFORM

Elevate your cardiovascular care with Biome's cutting-edge analytics platform, integrating clinical, operational, and financial data to enhance efficiency and patient outcomes. Join leading health systems utilizing Biome to improve care standards, speed up treatment times, and achieve significant cost savings.

Contact us to revolutionize your CVSL and prepare for the future of healthcare: Biome Analytics