



**Validation**Institute

# 2021 Validation Report

**Review for: Abacus Health Solutions**  
**Valid through April 2022**



# Company Profile



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<b>Category:</b>	Disease Management
<b>Website:</b>	<a href="https://abacushealth.com/">https://abacushealth.com/</a>
<b>Public or Private:</b>	Private
<b>Year Established:</b>	1988
<b>CEO:</b>	Michael Follick
<b>Company contact:</b>	results@abacushealth.com

## Description:

Abacus Health Solutions is a pioneer in the behaviorally focused disease management field. Our approach is simple, attack the high cost drivers with precision focused interventions proven to improve health, reduce hospitalizations and lower costs.

Utilizing the latest in healthcare technologies, our programs for diabetes and hypertension are built to foster high rates of adoption, drive members to providers, leverage remote monitoring technologies, and align with healthcare goals of quality and outcomes. Resulting in healthier less costly more productive employees.





# Claim Assertion for Validation

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The Diabetes Care Rewards (DCR) program offers patients financial incentives to get evidence-based care in a timely manner and to manage their medications. The program gives various forms of support, including coaching and care management services. The goal is to increase the number of patients whose diabetes care meets evidence-based standards, and thereby to reduce the need for hospital care.





# Method / Calculation / Examples

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In a retrospective, observational cohort study, a group of 1,659 DCR participants were propensity-score matched to 1,659 non-participants. Adjustments were made for variance between the two groups at baseline.

The two groups were compared on their receipt of routine diabetes tests; use of inpatient hospital services and outpatient office visits; total costs for pharmacy and medical care. Comparisons were made using ratios based upon risk, rate, or cost.





# Findings & Validation

The table below shows the comparison of participants' to the matched non-participants', adjusted for pre-enrollment medical costs and the region of the country. Except for hospital inpatient days per year, the participants' performed significantly better than the matched group. For example, participants were 19% more likely to have had a physician office visit during the time period than matched non-participants, and 38% less likely to have had a hospital admission.

The cost outcomes shown are adjusted for propensity score, pre-enrollment cost, and region. Pharmacy costs per member per month were \$67.41 higher for participants, while medical costs were \$129.10 lower.

Outcome	Ratio Type	Point estimate (95% Confidence Interval)
HbA1c Test (Yes/ No)	Risk	1.32 (1.25, 1.40)
Lipid Test (Yes/ No)		1.09 (1.05, 1.14)
Albumin Test (Yes/ No)		1.38 (1.29,1.47)
Hospital Admission (Yes/ No)	Risk	0.62 (0.51, 0.75)
Physician Visit (Yes/ No)		1.19 (1.15, 1.24)
Hospital Stay Length (Days/ 12 months)	Rate	0.66 (0.43, 1.01)

Expense type	Ratio type	Point estimate (95% Confidence Interval)
Pharmacy	Cost Difference (PMPM)	67.41 (44.97, 89.85)
Medical		-129.10 (-230.77, -27.34)





# Validation and Credibility Guarantee

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**Abacus Health Solutions** has achieved a level 1 – Savings validation. Validation Institute is confident that **Abacus Health Solutions** performs as they state they are willing to provide up to a \$25,000 guarantee as part of their Credibility Guarantee Program\*.

## Level 1 - Savings

Can produce a reduction of health care spend including the cost of the provider. Product/solution has produced, and replicated a lower cost for healthcare overall or a specific component of healthcare

## Level 2 - Outcomes

Product/solution has measurably “moved the needle” on an outcome (risk, hba1c, events, employee retention, etc.) of importance.

## Level 3 - Contractual Integrity

No outcomes or savings has been shown, but vendor is willing to put a part of their fees “at risk” as a guarantee

## Level 4 - Metrics

Claim is made with sourced, overridable assumptions linked to peer-reviewed or government sources





# Limitations

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Observational studies results reflect, to some degree, the inherent bias of participants who voluntarily enroll in the intervention. The propensity scoring technique is meant to address differences between participants and non-participants, but there may be unmeasured factors influencing results.





**Validation Expiration: April 2022**

# CERTIFICATE OF VALIDATION

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**Applicant:**

**Abacus Health Solutions**

1210 Pontiac Ave  
Cranston, RI 02920

**Product:**

The Diabetes Care Rewards (DCR) program

**Claim:**

The DCR program will increase the number of patients whose diabetes care meets evidence-based standards, and thereby will reduce the need for hospital care.

**Validation Achieved:**

Level 1 - Savings

**Validation Award Date:**

March 2021

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**Linda K. Riddell, MS**  
**Chief Data Scientist**  
**Validation Institute**

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**Benny DiCecca**  
**Chief Executive Officer**  
**Validation Institute**







# About Validation Institute

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**Validation Institute** is a professional community that advocates for organizations and approaches that deliver better health value - stronger health outcomes at lower cost. We connect, train, and certify health care purchasers, and we validate and connect providers delivering superior results. Founded in 2014, the mission of the organization has consistently been to help provide transparency to buyers of healthcare.

To strengthen our offering and provide additional credibility around our service, the **Validation Institute** recently announced a Credibility Guarantee\* that offers customers of validated solution providers up to a \$25,000 guarantee. This guarantee confirms that a validated solution provider will, achieve what the validation language on a marketing claim says it will achieve.

