



ValidationInstitute

2022 Validation Report

Review for: Somatus

Validation Achieved: Outcomes

Valid through: March 2023



Company Profile



Category:	Kidney Care
Website:	www.somatus.com
Public or Private:	Private
Year Established:	2016
CEO:	Ikenna Okezie, MD, MBA
Company contact:	571-992-0600

Description:

Somatus is the nation's leading and largest value-based kidney care company, focused on delivering personalized, in-person care to people with kidney disease. The company's vertically integrated clinical services and technology delay or prevent disease progression, improve quality and care coordination, and increase the use of home dialysis modalities and rates of kidney transplantation. Founded in 2016, **Somatus** has established value-based partnerships with leading nephrology and primary care groups, health plans, and health systems to provide integrated care, helping more patients with kidney disease live better lives.

For more information visit www.somatus.com





Claim Assertion for Validation

Kidney disease patients who get Somatus Transitions of Care Assessment (TCA) services have fewer hospital readmissions than similar patients who do not get TCA services.

TCA services include care coordination, medication management, nutrition, and social services. Services ideally begin within 72 hours of hospital discharge with the goal of improving health, safely transitioning to home, and avoiding another hospital stay.





Method / Calculation / Examples

A total of 5,177 transitional care assessments (TCAs) were conducted within 30 days of discharge. For the evaluation, TCA discharges were propensity score matched to a group of unengaged non-TCA participant based on factors shown in Table 1.

Trait	Levels
Age	Continuous
Cancer	Yes/ No
Diabetes	Yes/ No
Hypertension	Yes/ No
Kidney Disease Stage	Stage 4 Stage 5 or End Stage
Payer	Medicaid Dual-Eligible Medicare
Sex	Female Male

Table 1: Traits used for Propensity Score Matching

For each group, the number of all-cause hospital readmissions within 30 days of the index discharge was calculated as a percentage of the number of index discharges. Readmission rates were then compared to determine whether they differed significantly (statistically). For the adjusted estimates, factors associated with engagement were matched to balance clinical and demographic factors between participants and non-participants.





Findings & Validation

Graph 1 summarizes the matched non-participant and participant 30-day hospital readmission rates. TCA participants had a significantly lower rate of readmissions at 12.7% compared to the matched non-participants' rate of 21.7% ($\chi^2=129.1$, $p < 0.01$).

TCA participants' likelihood of a hospital readmission was 41.5% lower than that of similar non-participants.



Graph 1: Matched Non-Participant and TCA Participant 30-Day All-Cause Hospital Readmission Rates





Limitations

As the TCA program outcomes were calculated based on claims data, there may have been additional factors that could explain additional variation or improve propensity matching to non-participants. However, improvements due to TCA and non-participant readmission rates were consistent with industry published estimates. Ongoing sensitivity analyses are being conducted to incorporate individual comorbidities in composite predictors of readmission risk specific to the kidney disease patient population. Somatus is also focused on continuing to assess and quantify the impact of social determinants of health to improve outcomes for all patients.





Validation and Credibility Guarantee

Somatus Transitions of Care Assessment Program achieved Validation for Outcomes. Validation Institute is willing to provide up to a \$25,000 guarantee as part of their Credibility Guarantee Program. To learn more, visit

<https://validationinstitute.com/credibility-guarantee/>

Savings

Can reduce health care spending per case/participant or for the plan/purchaser overall.

Outcomes

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

Metrics

Credible sources and valid assumptions create a reasonable estimate of a program's impact.

Contractual Integrity

Vendor is willing to put a part of their fees "at risk" as a guarantee.





Validation Expiration: February 2023

CERTIFICATE OF VALIDATION

Applicant: **Somatus, Inc.**
1861 International Drive, Ste 600
McLean, VA 22102

Product: Transitions of Care Assessment Program

Claim: Kidney disease patients who get Somatus Transitions of Care Assessment (TCA) services have fewer hospital readmissions than similar patients who do not get TCA services.

Validation Achieved: **Validated for Outcomes**

Award Date: April 2022

Linda K. Riddell, MS
VP, Population Health Scientist
Validation Institute

Benny DiCecca
Chief Executive Officer
Validation Institute



About Validation Institute

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 health care.

Validation Review Process

Validation Institute has a team of epidemiologists and statisticians who review each program. The team focuses on three components:

- Evidence from published literature that a similar intervention had similar results.
- The reliability and credibility of the data sources.
- The rigor of the approach to calculating results.

To achieve validation, the program has to satisfy each of these components. VI's team then summarizes the review into a report which is publicly available. Details of VI's review are available with the program's permission.