

CUSTOMER STORY · SKILLED NURSING & SENIOR LIVING · VALUE-BASED CARE

Where Signature Rehab screened more, rehospitalizations fell 9.3%.

A three-tiered fall-mitigation model built on OneStep's objective gait data — and what it meant for falls, rehospitalizations and one resident named Linda.

9.3%

fewer rehospitalizations at higher-screening facilities

26%

fewer falls at high-screening facilities, relative to the trend where screening was low

~\$300k

in avoided hospital costs per 1,000 residents

Long-term residents were screened once a quarter. Decline doesn't wait for the quarter.

ORGANIZATION

Signature Rehab

WHAT THEY DO

Family-owned contract therapy across 10 states

SETTINGS

Skilled nursing, long-term care, restorative, memory and cognitive care

WHO USES ONESTEP

Therapists, restorative nursing assistants, rehab leadership

ONESTEP PARTNER SINCE 2024

MEASURED

Falls and rehospitalizations, year over year, by screening level

MEET SIGNATURE REHAB

Signature Rehab is a family-owned contract therapy company working across the post-acute continuum, from skilled nursing to long-term care, restorative nursing and memory care. Its therapists are responsible for residents who often stay for months or years — and for keeping them safe, mobile and out of the hospital.

THE CHALLENGE

Fall prevention was reactive. Therapists learned about declines and fall risk from nursing reports and quarterly screenings, and interventions usually began after a fall, prompted by the incident report. Between screenings, nobody was measuring. By the time a decline was documented it had often been under way for weeks — and the same blind spot that led to falls led to rehospitalizations.

Once a resident left skilled therapy for a restorative program, therapists lost sight of them unless they asked nursing for an update. Every missed decline was a resident who should have been back in therapy, and wasn't.

Quarterly

how often long-term residents were formally screened

10–14 days

typical early-decline signal before a fall — invisible between screenings

2%

of Medicare Part A payments at stake in SNF Value-Based Purchasing, partly on rehospitalizations

Signature Rehab wanted three things: find decline before it became a fall, keep sight of residents after therapy, and show — in numbers payers recognize — that prevention works.

WHAT THEY DID

Fall prevention as a continuum, in three tiers

Signature Rehab replaced point-in-time screening with continuous, objective measurement. Residents walk with a smartphone, OneStep analyzes their gait, and the care team sees fall risk across every setting — so a referral to skilled therapy can happen at any tier, the moment the data calls for it.

1

TIER 1

Onboarding

Every resident is measured at admission. Fall risk is identified on day one, and the team has an objective gait baseline to compare against for the rest of the stay — instead of a clinician's first impression.

KEY FOCUS

Early detection and an objective baseline on entry.

2

TIER 2

Restorative monitoring

Restorative nursing assistants record measurements as part of routine care. Risk is tracked day to day without adding staff time, and therapists keep seeing residents after they leave skilled therapy.

KEY FOCUS

Continuous, passive oversight built into the routine.

3

TIER 3

Targeted reassessment

When the data shows rising risk — a widening gait asymmetry, a missed dual-task flag — the resident gets a same-week reassessment and a referral to therapy, not a wait for the next scheduled screen.

CLINICAL EXAMPLE

Asymmetry widens over a week → reassessment within days → skilled therapy.



ONGOING

Back to long-term care or home

Residents leave therapy with an updated baseline: the discharge gait data becomes the new reference point, and monitoring carries on from where therapy ended.

WHY IT MATTERS

The team always knows where a resident stood at the end of therapy.



“OneStep has transformed our practice. Finally a tool that helps prevent rather than react.”

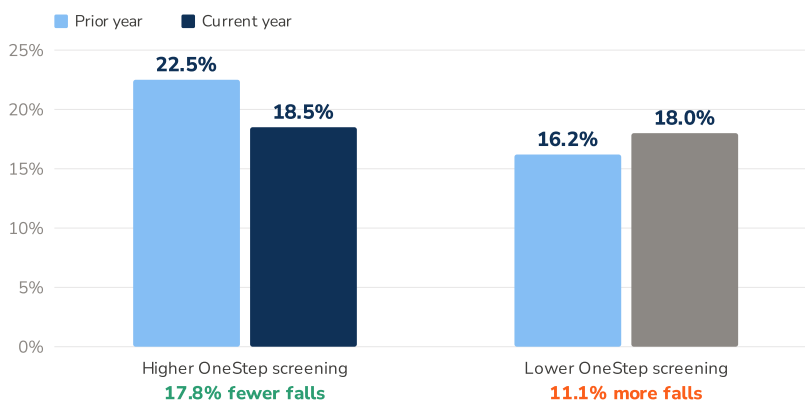
Christine Busby, MS, CCC-SLP, MBA · Chief Operating Officer, Signature Rehab

THE OUTCOMES

More screening, fewer falls — and fewer trips back to the hospital

Signature Rehab compared each facility with its own prior year. Where residents were screened with OneStep most often, falls dropped from 22.5% to 18.5% of residents; where screening was low, falls rose. And in the higher-screening facilities, rehospitalizations fell from 18.3% to 16.6%.

FALL RATE BY SCREENING LEVEL % of residents · prior vs current year

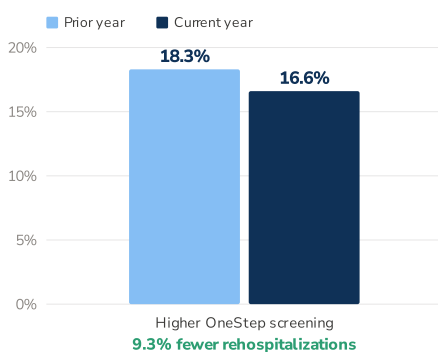


26%

fewer falls at high-screening facilities, relative to the trend at facilities that screened little or not at all.³

REHOSPITALIZATION RATE

Higher-screening facilities



1.7 points

About **17 fewer rehospitalizations per 1,000 residents** — roughly **\$300,000 in avoided hospital costs** at \$18,100 per Medicare readmission.²

Why it matters for value-based organizations

Rehospitalizations are reported to CMS and weigh on SNF Value-Based Purchasing, where 2% of Part A payments are at stake.¹ Payers, managed care organizations, ACOs and networks use the same measure to choose preferred partners — and every avoided readmission keeps about \$18,000 out of the episode.

PATIENT STORY

The decline no one could see became the fall that never happened



Linda*, 79

Linda is 79. Her gait speed slipped from 0.6 to 0.5 metres per second. On paper, almost nothing. In life, everything: research links a decline that small to a 7% increase in fall risk and a 12% increase in mortality risk.

THE CHALLENGE

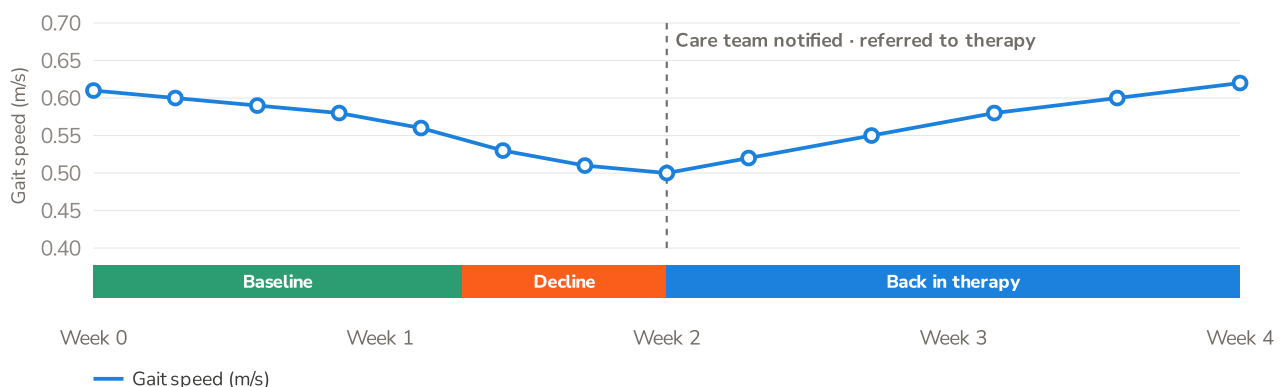
Signature Rehab's therapists used to rely on nursing reports and quarterly screenings to catch declines like Linda's. By the time a change showed up in a report, the window for early intervention had often closed.

HOW ONESTEP HELPED

With OneStep monitoring residents continuously, Linda's care team was notified automatically the moment her gait parameters shifted. She was referred back to therapy before anything happened, not after.

LINDA'S GAIT SPEED

Illustrative of her recorded trajectory



-0.1

Gait speed, 0.6 → 0.5 m/s

-6%

Stride consistency — less uniform steps

+13%

Step asymmetry — one side carrying more

>40%

Double support — both feet down far longer than normal

WHAT CHANGED

Linda's therapists worked on exactly the parameters OneStep had flagged — speed and stride consistency. She improved quickly and stayed safe and independent in her community. Across Signature's facilities, the same early-warning approach changed the numbers everywhere.

Ready to see what earlier warning could do?
info@onestep.co