

Avoiding Harm: Driving Enterprise Patient Impact Using AI

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The What

Lowering rates of preventable harm using prescriptive analytics to identify who is at risk, if that risk trajectory can be changed and, if so, how.

Baptist Health

**Improving
Employee Health
and Lowering
Cost**

Baystate Health

**Lowering Rates of
Hospital Acquired
Pressure Injuries**

NWMS

**Enabling the
Quadruple Aim in
Oncology Care**

The Why



Organizational objective to ***reduce cost per beneficiary*** for the employee health and self-insured populations.



Leverage the Jvion Machine to ***drive members to community resources*** that improve health and help avoid costly admissions.

The Value



50%

*reduction in employee
population costs indicated*

\$4.8M

*reduction of paid claims
across ~2,500 employees*

~\$3.2M

*cost reduction of top
100 costliest patients*

245

fewer ER visits

377

fewer inpatient visits

Through the use of the Jvion Machine, Baptist Health was able to ***more effectively engage members*** with resources and ***deliver critical communications to at-risk populations.***

The Why

Baystate  Health



Strategic priority to ***lower rates of Hospital Acquired Pressure Injuries*** (HAPIs).

Leverage the Jvion Machine to gain a compound ***view of patient risk*** and comprehensive ***understanding of risk drivers***.

The Value

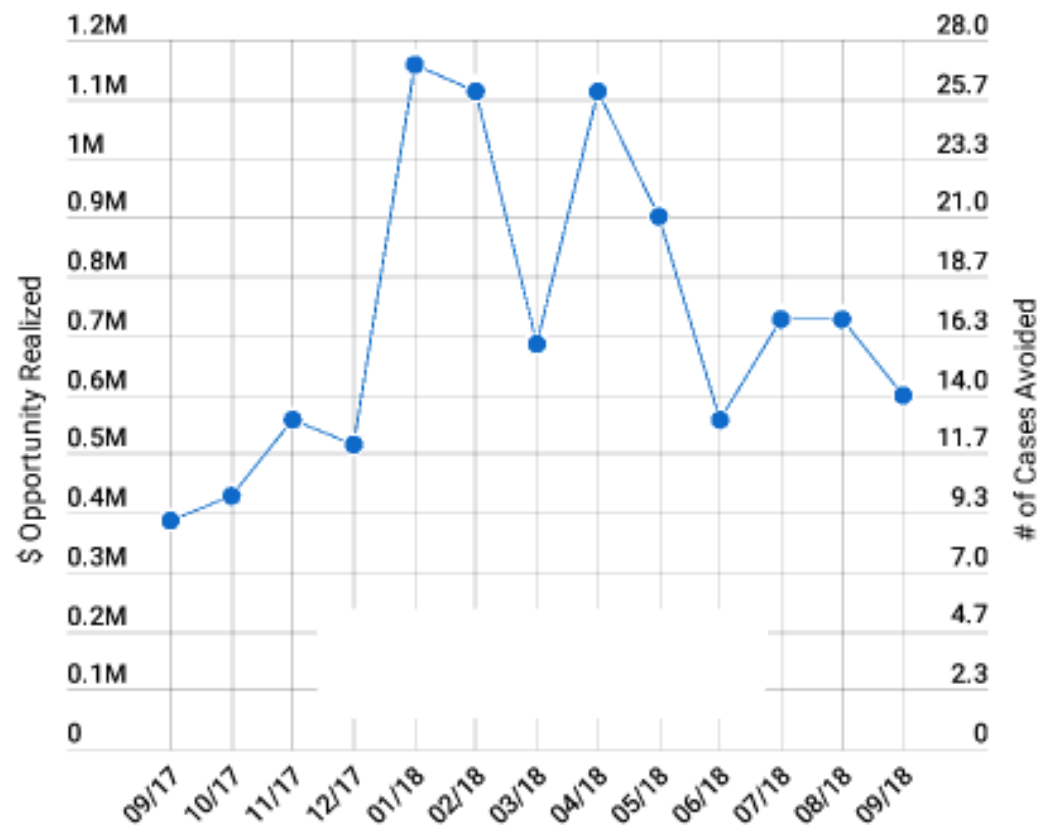
66%

decrease in HAPIs over one year (based on claims data)

\$9.5M+

in costs avoided

Baystate  Health



Jvion's insights have helped **prioritize clinician workload** and **patient-specific, individualized interventions.**

The Why



Organizational focus to achieve the goals of ***value-based oncology care models***.

Leverage the Jvion Machine to ***improve end-of-life care, manage health regression, and improve the patient experience.***

The Value



VECTOR BUNDLE

30-day mortality risk
30-day readmission risk
6-month deterioration risk
Avoidable admission
Patient experience and pain management
Depression risk



RESULTS

81%

*improved palliative
and hospice
referrals*

68%

*increase in
depression
screenings*

80%

*increase in case
management
evaluations*

The How

Prescriptive Analytics for Preventable Harm

The **Jvion Machine**—a combination of Eigen-based mathematics, a dataset of more than 16 million patients, and software—can be quickly applied to **any preventable event**



Jvion pinpoints the **impactable patients** who are on a risk trajectory that can be changed and provides the **patient-specific recommendations** that will drive to a better outcome

jvion

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