VITAL DATA TECHNOLOGY

MEMBER CASE STUDY

Predicted Substance Use Disorder

Vital Data Technology's data science driven Affinitē platform has accurately identified thousands of high-risk and high-cost health plan members, enabling earlier and more meaningful outreach and intervention.
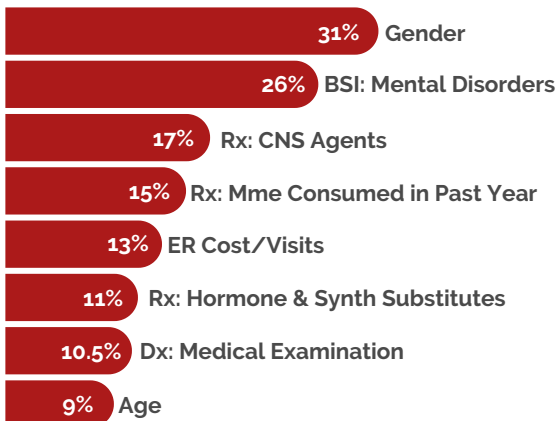
clinical profile

SUSAN F. - 59

- Female smoker with Opiate Abuse Disorder
- In and out of multiple treatment centers
- Transient in nature and difficult to contact

Relative Importance of Predictors of SUD Diagnosis Incorporated into Predictive Modeling and Workflow Automation

Percentage	Predictor
31%	Gender
26%	BSI: Mental Disorders
17%	Rx: CNS Agents
15%	Rx: Mme Consumed in Past Year
13%	ER Cost/Visits
11%	Rx: Hormone & Synth Substitutes
10.5%	Dx: Medical Examination
9%	Age

CHALLENGE

After multiple attempts to contact this member, the current Behavioral Health Case Manager was about to close her case. The Case Manager looked more closely at the referral and discovered she had been to the ER 17 times in the past 12 months, and presented multiple medical diagnoses, including COPD and pulmonary embolism.

SOLUTION

Affinitē compiles real-time data on a member from multiple sources, including recent medical diagnoses, recent ER visits, prescriptions and prescription interactions, SDoH data, as well as other third-party information. Taken together, case managers use this information to determine who is high risk, and initiate interventions to keep these members healthy and engaged with their plan benefits.

RESULT

Based on additional information included in the referral, the case manager decided to call a phone number attached to the member's original chart. From one phone call, the case manager was able to enroll the member in case management services and alert other medical teams in advance about additional referrals. In addition, the member got connected to a new psychiatrist that specializes in addiction.

www.vitaldatatechnology.com