

Real-world Reductions in Healthcare Resource Utilization (HCRU) Over 6 Months in Patients With Substance Use Disorders (SUDs) Treated With a Prescription Digital Therapeutic (PDT)

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PEER-REVIEWED
FEATURE

OPEN
ACCESS

~41.1M¹
Americans
with SUDs

~93.4%¹
do not receive
treatment
each year

reSET[®] is the **only FDA-authorized treatment** for patients with cocaine, cannabis, and stimulant use disorders.

This study evaluated real-world healthcare resource utilization (HCRU) and associated costs 6 months after initiation of reSET in patients with SUD.

Use of reSET by patients with SUD is associated with durable reductions in HCRU and lower healthcare costs over 6 months compared to the 6 months before PDT treatment, providing an economic benefit to the healthcare system.

Significant Decreases Observed Between Pre-index and Post-index reSET Cohort²

Overall Hospital Encounters

50%

IRR: 0.50;
95% CI: 0.37-0.67;
P<0.001

Inpatient Stays

56%

IRR: 0.44; 95% CI: 0.26-0.76; P=0.003

Partial Hospitalizations

57%

IRR: 0.43; 95% CI: 0.21-0.88; P=0.021

Emergency Department

45%

IRR: .55; 95% CI: 0.38-0.80; P<0.004

Additional Results

E and M* Consultations

91%

IRR: 0.09; 95% CI: 0.02-0.36, P<0.001

Cardiovascular Procedures

72%

IRR: 0.28; 95% CI: 0.14-0.55, P<0.001

Radiology Services

52%

IRR: 0.48; 95% CI: 0.31-0.76, P=0.002

Reductions in facility-encounter HCRU drove 6-month reSET per-patient cost reductions of **\$3,591** post-index compared to pre-index.

Methods: A retrospective analysis of HealthVerity PrivateSource20 data compared the 6-month incidence of all-cause hospital facility encounters and clinician services in patients treated with reSET (reSET cohort) before (pre-index period) and after (post-index period) reSET initiation (index). Incidence was compared using incidence rate ratios (IRR). HCRU-related costs were also assessed.

*Evaluation and Management

1. Substance Abuse and Mental Health Services Administration. (2021). *Key substance use and mental health indicators in the United States: Results from the 2020 National Survey on Drug Use and Health (PEP21-07-01-003, NSDUH Series H-56)*. Rockville, MD: Center for Behavioral Health Statistics and Quality, SAMHSA.

2. Median age 37 years, 50.5% female, 54.5% Medicaid-insured

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