



Analytics, tools and technology to help care teams address substance use disorder and improve patient outcomes

Appriss Health developed the NarxCare platform to provide a more comprehensive approach to addressing substance use disorder. NarxCare aids care teams in clinical decision-making, provides support to help prevent or manage substance use disorder, and empowers states with the comprehensive platform they need to take the next step in the battle against addiction.

WWW.APPRISHEALTH.COM/NARXCARE

NarxCare is a comprehensive platform to identify, prevent and manage substance use disorder (SUD). It empowers prescribers and dispensers to identify patients that may be at risk for addiction, overdose and death, and equips clinicians and care teams with the tools and technology they need to help those patients. Now, with NarxCare, clinical decisions can be supported with objective insights into potential drug misuse or abuse, and patients can be provided with the care they need.

NarxCare aggregates and analyzes prescription information from providers and pharmacies and presents interactive, visual representations of that information, as well as advanced analytic insights, complex risk scores and more to help physicians, pharmacists and care teams to provide better patient safety and better patient outcomes. The platform can also accommodate additional information sources to create more holistic risk models, assessments and alerts.

The identification of patients at risk is only the beginning of a comprehensive platform needed to impact the increasing prevalence of substance use disorder. NarxCare extends beyond information and insights to provide tools and resources to enable care teams to support patient needs. Increasing access to treatment through medication-assisted treatment (MAT) locators, improving patient education and engagement through CDC information sheets, and enabling the coordination of care across the continuum through powerful care team communications¹ are key NarxCare features that are widely recognized as critical to success. These resources can be used to help patients in need, at the right time, in a meaningful way, quickly and easily, at the point of care.

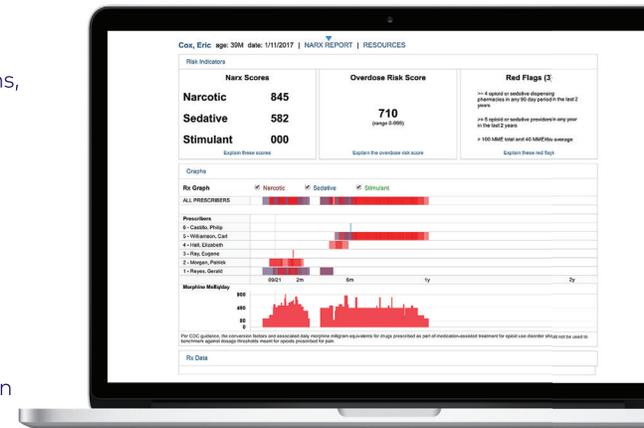
This information, insight and functionality is all accessed through existing electronic health records (EHR) or pharmacy management systems, so there is no logging in or out of secondary websites or trying to manage user names or passwords. NarxCare is also available right in the PDMP where enabled by the state. The platform is presented in three main modules: The Narx Report, Resources and Care Team Communications.

The Narx Report

The Narx Report includes a patient's NarxScores, Predictive Risk Scores, Additional Risk Indicators, Rx Graph and PDMP Data, as well as access to Resources and Care Team Communications all in a single, easy-to-use interface. See Image 1.0.

The Benefit

Care teams make informed decisions quickly and confidently to help patients.



* Image 1.0: The Narx Report

The NarxScores

Every Narx Report includes type-specific use scores for narcotics, sedatives, and stimulants. These scores are based on a complex algorithm factoring in numbers of prescribers, morphine milligram equivalents (MME), pharmacies, and overlapping prescriptions. Scores are quantified representations of the data in the PDMP and range from 000-999 with higher scores equating to higher risk and misuse, and the last digit always represents the number of active prescriptions.

The Predictive Risk Scores

These composite risk scores incorporate relevant data (PDMP and non-PDMP) into advanced and customized predictive models to

calculate a patient's risk of a host of outcomes, including overdose and addiction. Non-PDMP data sets may include medical claims data, electronic health records, EMS data and criminal justice data. The Overdose Risk Score is featured in Image 1.0.

Additional Risk Indicators

There are multiple, fully configurable and customizable PDMP- and non-PDMP-based additional risk indicators (ARIs). When present, a or a combination of ARIs may contribute to the risk of unintentional overdose or other adverse events.

The Rx Graph

The Rx Graph is simple, clear, and comparative. The interactive display allows you to view all the information

you need, analyze data, and click into specific data points to see more detail. You can easily visualize and understand patterns in prescribing and usage behaviors, as well as identify overlapping prescriptions.

The PDMP Data

The PDMP Report is the definitive source for controlled substance data, a critical component to any SUD strategy, through its access to multi-state PDMP data. The PDMP Report aggregates two years of historical prescription data from providers and pharmacies, including quantities and active prescriptions.

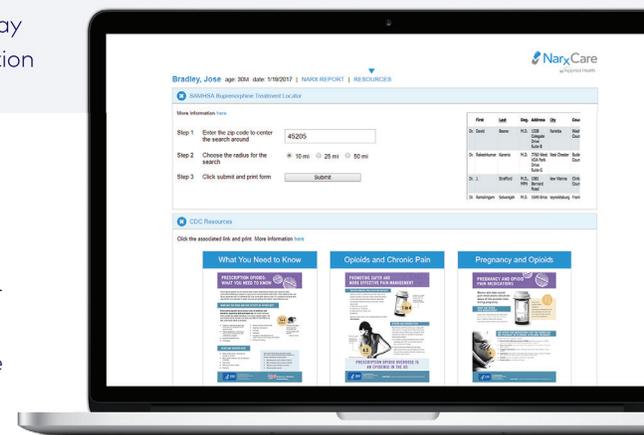
The Resources and Care Team Communications

The NarxCare Resources module equips clinicians and care teams with the tools needed to increase access to treatment and improve patient education and engagement. The MAT locator automatically finds convenient locations for treatment and enables clinicians to help patients in need. The CDC Resources enable clinicians to educate and engage patients by providing context-sensitive information when patients need it most. And all content is fully configurable, enabling states, health systems and pharmacies to include custom treatment options or information sources. All features are accessible with a single click and automatically contextualized to an individual patient's demographics. See Image 2.0.

Perhaps the most powerful tool in the prevention and treatment of substance use disorder is collaboration and coordination of care. NarxCare takes advantage of the pervasiveness of the PDMP and its prominent role in controlled substance use to enable messaging, including the transmission of documents, among clinicians and care team members across the continuum of care.

Messaging enables coordination of care among physicians, pharmacists, care managers, behavioral health providers and other professionals caring for patients. These professionals can share care plans, highlight gaps in care, refer patients for support or treatment and improve integration of behavioral health and primary care. The messaging functionality also enables the sharing of Opioid Treatment Agreements, ensuring that all prescribers that encounter the patient are aware that the agreement exists and can view it, a key patient safety tool and a requirement of Meaningful Use beginning in 2020.

Additionally, NarxCare enables care notes and clinical alerts, allowing providers or the PDMP to add critical patient information to the platform such as history of overdose, specific medication restrictions, caregiver support or other relevant clinical or social information. The platform can also display automatically-generated clinical alerts triggered by customizable algorithms based on PDMP and non-PDMP data. Once added, this information can be viewed by care teams in line with the PDMP data to enable the best possible care.



* Image 2.0: Resources

The Value

Appriss Health knows that the delivery of NarxCare, a comprehensive substance use disorder platform, is the best way to ensure that prescribers, dispensers, and states support the health of their patient populations.