

A-CHESS PRODUCT OVERVIEW

The science of addiction recovery is equal parts compassion, community and continuum of care

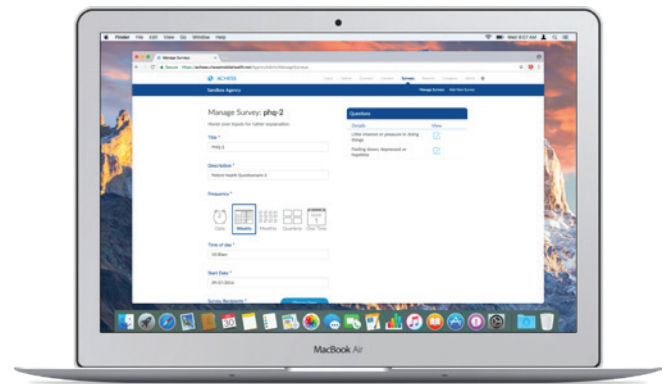
FOR PATIENTS

Using predictive relapse analytics and condition-specific content, A-CHESS proactively delivers information to patients providing continuous access to the tools necessary to succeed, right on their smartphone. Caregivers have access to the information necessary to monitor patient progress and issues in order to intervene in real-time. Patients receive inspirational images and content, can send secure messages, and much more.

The app includes four primary components:

- **Gather & Connect** helps reinforce social relatedness through peer-to-peer, as well as discussion-based communication.
- **Discover** contains tools for patients in a moment of high risk, including a library of helpful content, and a support locator of nearby treatment, addiction doctors, and AA/NA meetings.
- **Plan** presents patients with: customizable surveys; a view of their overall recovery strength over a period of time; a personal recovery journal; a goal-setting tool; and the ability to set reminders for appointments and medications.
- **The BEACON button** provides patients the help they need when presented with urges, including immediate access to their predetermined "motivations", emergency and agency contacts, and a customizable helpline. The care team is alerted when the participant presses the BEACON button, so action can be taken to get the appropriate care to patient.

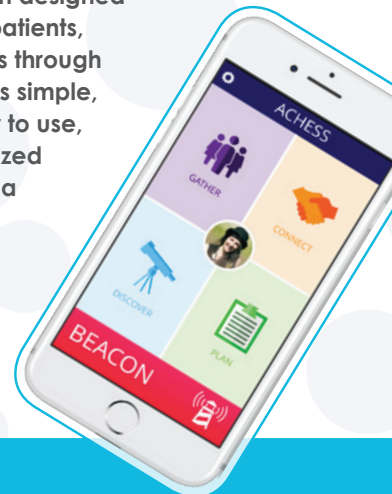
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A-CHESS

(Addiction Comprehensive Health Enhancement Support System)

Dr. David H. Gustafson, PhD, a nationally recognized substance abuse expert, developed A-CHESS using scientifically validated research on addiction treatment and the recovery process. Dr. Gustafson designed the app to connect patients, providers, and payers through a user interface that is simple, responsive, and easy to use, providing a personalized recovery resource in a secure environment that promotes trust, compassion, and success.



The only technology of its kind recognized for relapse prevention by the Substance Abuse and Mental Health Services Administration's National Registry of Evidence-based Programs and Practices (NREPP)

FOR PROVIDERS

Typical substance abuse treatment and recovery program workflows are dependent on labor-intensive processes. Pulling data to create necessary reports by hand requires costly resources, and often results in error-prone output. The A-CHESS platform was developed around science-based analytics, which eliminates the need for inefficient manual processes, and delivers comprehensive data and accurate, complete reporting.

Data collection spans the entire care encounter, from personal information to clinical progress.

- Patient demographics, Social Determinants of Health (SDoH), co-morbidities, addiction features, and medication assisted treatment
- Level of care, in/out patient, and residential
- Utilization activity, including propensity to relapse and risk of extended sobriety

Reporting functionality delivers data at multiple levels and in customizable formats to accommodate a broad spectrum of reporting needs.

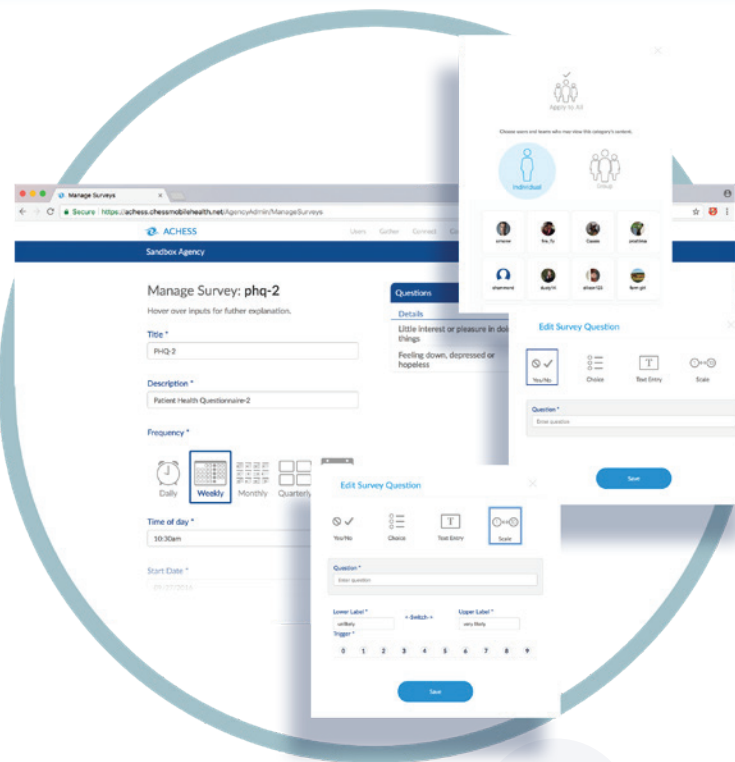
- Dashboard showing survey data at individual and aggregate level
- Daily check-ins, utilization, and full visibility into all messaging (peer-to-peer and discussion groups)
- Outcomes-based reports for organizational reporting based on industry requirements including: Joint Commission measurement based care, individual protective and risk factors report, and patient utilization reporting.

Analytics based on a Bayesian (probability) model is used with a brief addition monitor and daily patient questions to gauge patient progress and identify immediate patient needs.

- Positive or negative trends given to provider
- Ability to overlay protective factors (alert pins) on trends
- Visibility into correlation between trends
- Customizable to dashboard

Integration is accomplished through middleware, which does 70% of integration work into EMR.

- A-CHESS generates red pins (high risk), which trigger data capture, and adds that information back to EMR
- Functions as mini-EMR for addiction



PROVEN RESULTS

A-CHESS offers clinically validated results published in publications like *JAMA Psychiatry*, and *Journal of Dual Diagnosis*.

- **31% more likely to maintain abstinence**
- **Reduced rate of relapse of 50%, and reduced severity of relapse**
- **20% more likely to complete treatment**

THIRD-PARTY VALIDATION

- **The only technology of its kind recognized for relapse prevention by the Substance Abuse and Mental Health Services Administration's National Registry of Evidence-based Programs and Practices (NREPP)**
- **Recognized by the Surgeon General for positive patient outcomes**
- **Proven relapse predictor validated by Journal of Substance Abuse**
- **System based on industry leading research at the University of Wisconsin Center for Health Enhancement Studies**