

Surfacing the *unspoken*

Kintsugi is creating and optimizing AI technology to *proactively identify* depression and anxiety in a scientific and scalable way to close gaps of care.

Awards and Accolades:











FROST & SULLIVAN LEADER IN VOICE BIOMARKERS FOR MENTAL HEALTH

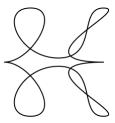
Agenda

Introductions

The challenge

Our solution: Kintsugi Voice

Next Steps



Today, our friends, family, and colleagues struggle *unnecessarily* to get access to mental healthcare with devastating consequences.





Yet, 2 out of 5 people struggle with mental illness each year in the U.S....

And leads to \$200B+ incremental costs across payers and providers from untreated depression



Introducing Kintsugi

2019 founded

\$28m

20K patients screens

Kintsugi is developing **deep learning voice AI** that identifies mental health conditions with signal processing from voice biomarkers, built on an API platform that enables enterprise partners to seamlessly screen, triage, treat, and monitor those in need.

Awards, Partners, and Select Customers













FROST & SULLIVAN LEADER IN VOICE BIOMARKERS

FOR MENTAL HEALTH

Peer reviewed

















World Class Investors













Jeff Horing, Scott Barclay

Vishal Lugani, Asad Khaliq

Andrew Batey

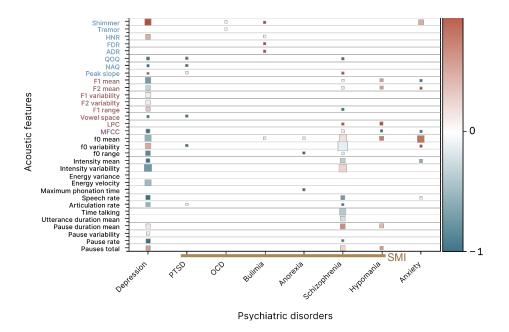
Alan Patricof, Abby Levy

Rishi Narang

Matt Miller, PhD



With the advent of machine learning, Kintsugi Voice harnesses the power of Al to analyze biomarkers in people's voices to quantify mental health conditions



WHAT MAKES KINTSUGI UNIQUE

30-Seconds Free Form Speech

Kintsugi Voice does not require specific questions or text to produce a result in real time

Language Agnostic

Kintsugi Voice detects voice biomarkers for depression and anxiety based on how a patient speaks (not NLP)

System Agnostic

Kintsugi Voice's flexible API enables hundreds of workflows from retrospective to live in-call scoring

Largest Annotated Patient Model

Kintsugi Voice's AI model represents over 40k patients verified by Psychiatrists >7 years experience





Al voice biomarker tools have the power to transform the mental health landscape with countless benefits

KINTSUGI BENEFITS



OBJECTIVE

Assists clinicians with picking up the subtle cues of voice to quantity conditions.



STRATIFICATION

Predicts severity of conditions (Low, Moderate, Severe).



NON-INVASIVE

Embeds into existing clinical workflows and works off free form speech



CONNECT TO CARE

More precise triaging prioritizes most severe patients for care.



FAST

Predicts results in under one minute.



QUALITY METRICS

Identify and track mental health score over time.



REDUCES BIAS

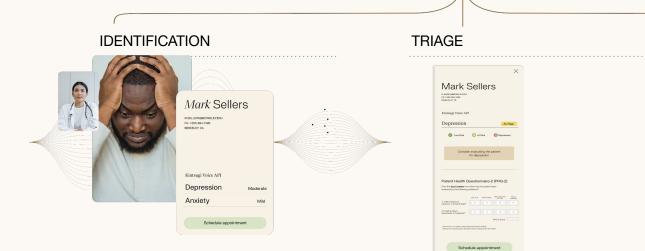
Language agnostic, scores based on *how* you speak, not *what* you say.



OUTCOMES

Boost patient outcomes and profitability for healthcare organizations.

PRODUCTS Kintsugi is a flexible end-to-end behavioral health solution that can scalably fill the gaps in mental healthcare with a focus on:



Kintsugi Voice allows seamless early identification of signs of depression and anxiety in both live and retrospective clinical workflows.

Within 30 seconds, Kintsugi Voice displays stratified Depression and Anxiety results, aiding clinicians to recommend tailored treatments plans based on severity.

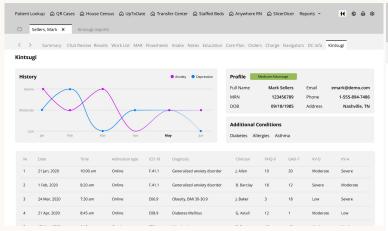




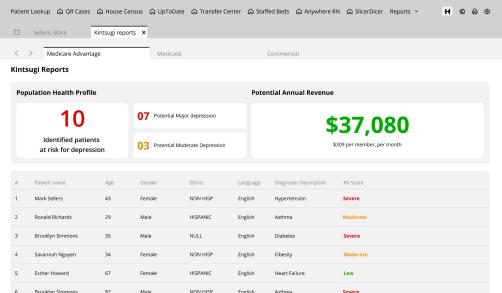
Kintsugi can integrate into existing clinical workflows with scheduling to BH resources or provide scheduling into our Clinical Partners where there are bandwidth issues.



RISK STRATIFICATION streaming data augmentation for BH



Kintsugi Voice enables depression and anxiety longitudinal tracking for high risk patients and...



In aggregate, provides a key risk input for effective population health management across all CCM call center calls and telehealth appointments.

Today, we are integrated into Zoom, Genesys, and Five9 call center stacks.



Kintsugi can seamlessly and accurately risk stratify, triage, and track clinical depression and anxiety at scale by leveraging voice biomarkers

USE CASES

Clinical Workflows

01 Virtual Care



- Primary Care
- Behavioral Health
- Telehealth consults
- Ambient scribes

02 Care Management



- Call Center
- Care Coordination
- Population Health
- Maternal Health
- Recently Discharged
- House Calls/AWVs

03 RPM. Companion Apps



- Digital App
- AI Chatbot
- Medication Adherence
- Medication Titration
- Voice Memo
- Voice journaling
- Remote Monitor

Wellness Workflows

01 Employer & Employee



- ι
- Historic Audio Data
- Depression acuity
- Depression prevalence
- Anxiety acuity

04 Retrospective

Anxiety prevalence

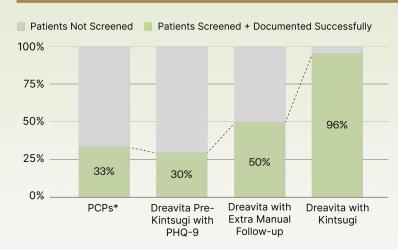


- Wellness Portal
- Navigator Chatbots
- Virtual Meetings



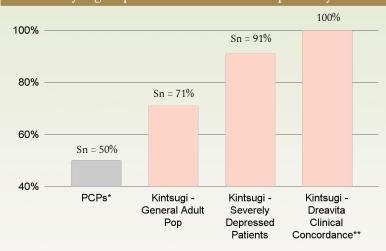
Kintsugi has shown the ability to screen patients for depression at scale with high accuracy

Dreavita BH practice has significantly increased successful patient screening rates using Kintsugi



*Primary Care Physicians (PCPs) report that they only screen and document patients suspected of having depression ~33% of the time. Mitchell et al. 2009, Lancet. Clinical diagnosis of depression in primary care: a meta-analysis².

Kintsugi has demonstrated accuracy of correctly identifying depression that exceeds primary care



*Primary Care Physician (PCPs) Sensitivity across 19 studies. Mitchell et al. 2009, Lancet. Clinical diagnosis of depression in primary care: a meta-analysis².

NOTE: Sn = Sensitivity.



^{**}Concordance between Kintsugi Voice results and Dreavita clinician assessments.

Recent clinical trials validate ability of Kintsugi models to identify depression by analyzing brief voice responses





Link to Article

14,898

Respondents self-reporting moderate to severe depression (PHQ ≥ 10) $0.71 \mid 0.73$

Sensitivity | Specificity for correctly identifying moderate to severe depression with 95% confidence interval.



Link to Article

1,645

Respondents self-reporting severe depression (PHQ > 20) 0.91

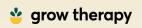
Sensitivity for correctly identifying severe depression with 95% confidence interval.



Kintsugi is trusted by leading brands

KINTSUGI VOICE United Healthcare (NTT Group **Optum** Microsoft **┿** Fast DOCTOR PREVIVA BEARN DREAVITA medici LIFELINQ.AI
be healthy live longer Wellin5 Osiris **Beam Health** Q~) **M** mpathic

KINTSUGI CONNECT



















CHANNEL PARTNERS















Connect with us!

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