

Commercial Products: Voice-Based Mental Health Detection

Overview

There ARE commercial products in this space, though the field is still emerging. Most are B2B (selling to healthcare providers/insurers) rather than direct-to-consumer.

Key Players

1. Kintsugi Health (Most Directly Relevant)

Website: <https://www.kintsugihealth.com/>

Focus: Mental health voice biomarkers

Products:

- **Kintsugi Voice API** - Identifies mental health challenges from short speech clips
 - Integrates with call centers, telehealth systems, remote patient monitoring
 - Real-time analysis
 - "Identify, prioritize, and care for mental health in real time"
- **Kintsugi App** - Consumer-facing journaling app
 - "Talk about anything and see insights into your mental health"
 - CBT exercises
 - Emotional progress tracking

Recognition:

- Gartner Cool Vendor 2022 (AI Governance and Responsible AI)
- Frost & Sullivan 2022 North American Vocal Biomarkers for Mental Health Innovation Award
- CB Insights Digital Health 150
- Fierce Healthcare's Fierce 15 (2023)

Key Quote: "From short clips of their speech, we'll show you what they're not saying."

Claim: "60% of patients say they're fine but are falling through the cracks"

2. Winterlight Labs

Website: <https://winterlightlabs.com/>

Focus: Vocal biomarkers for clinical trials (broader than just depression)

Products:

- Speech analysis platform for clinical trials
- Ratings Quality Assurance (automated review of clinical assessments)
- Speech Analysis API

Applications:

- Track changes in neurological/psychiatric conditions
- Identify treatment responses
- Support life science partners in clinical trials

Note: More focused on neurological conditions (dementia, etc.) but relevant technology

3. Ellipsis Health

Website: <https://www.ellipsishealth.com/>

Focus: AI Care Management (broader scope)

Products:

- "Sage" - AI Care Manager for virtual care calls
- Voice-based patient engagement
- Clinical assessments and surveys

Note: More general AI healthcare, but includes mental health components. Partner with NVIDIA and Salesforce.

4. Other Notable Companies (Need Further Research)

- **Sonde Health** - Voice biomarkers (website may have changed)
 - **Cognoa** - Behavioral health AI
 - **Quartet Health** - Mental health technology platform
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Market Landscape Summary

What Exists:

1. **B2B APIs** for healthcare providers (Kintsugi, Winterlight)
2. **Clinical trial tools** for pharma companies
3. **Call center integration** for screening
4. **Research platforms** (limited clinical deployment)

What Doesn't Exist (Gaps):

1. No widely deployed **consumer screening apps** (yet)
2. No **NHS-approved** voice-based depression screening
3. Limited **standalone diagnostic tools** (all positioned as "complementary")
4. No **UK-specific** commercial products identified

Regulatory Status:

- Most positioned as "wellness" or "screening" tools, not diagnostics
 - FDA clearance/approval status varies
 - CE marking for Europe unclear for most
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Implications for Dissertation

Answering Advisor's Question: "Is there anything commercially available?"

Answer: Yes, but limited:

- Kintsugi is the most prominent (multiple awards, API available)
- Most products are B2B, not consumer-facing
- No products are approved as standalone diagnostic tools
- All are positioned as "complementary" to clinical judgment
- No widespread NHS/UK healthcare deployment

This Creates an Angle:

- Gap between research capabilities (81% accuracy per meta-analysis) and clinical deployment
- Opportunity to explore why this gap exists (regulation, validation, trust, etc.)
- UK-specific implementation considerations