



**Hope**  
Therapeutics

an **NRx** Daughter Co.

# Corporate Overview

**Hope. Science. Life.**

**November 2024**



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# Suicidality is a National Crisis: We Provide **HOPE**

**Suicidality kills ~50,000 Americans every year**  
**Still seen as a hopeless cause, and NOT a treatable medical condition**



Over  
**49,000**  
people died by  
suicide in 2022



**1** death every  
**11** minutes

Many adults think about  
suicide or attempt suicide

**13.2 million**  
Seriously thought about suicide

**3.8 million**  
Made a plan for suicide

**1.6 million**  
Attempted suicide

**It often takes our best and brightest**



# A Medical Breakthrough for Suicidal Depression

*A breakthrough treatment that is poorly implemented today*

**Only FDA-approved therapy is  
Electro-Convulsive Therapy  
(ECT)**



**IV Ketamine reduces suicidal  
ideation and behavior within  
hours in many patients**



Esketamine is currently approved for treatment of depression in patients at risk of self-harm but may not be used in patients with bipolar depression.





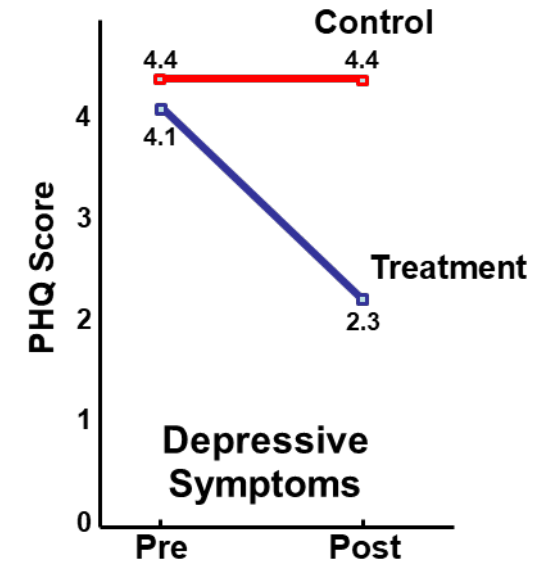
# Ketamine is dramatically effective but cannot be used continuously

*TMS, Digital Therapeutics and Supportive Therapy are needed to extend the lifesaving effect*

**Transcranial Magnetic Stimulation (TMS) alters brain pathways and extends the effect of Ketamine**



**Digital Therapeutics were developed in the military and shown to reduce stress and depression**



# We Need both the Means and Systems of Care

## Ketamine does not belong in MedSpas or at home



### HOPE Therapeutics

- A network of Interventional Psychiatry Clinics focused on Ketamine and other lifesaving interventions for Suicidal Depression and PTSD
- Psychiatrist led
- Safety-focused
- Common protocols
- Measured Outcomes
- **It's not just Ketamine**



**ALA AND NAD+**  
Treat Lyme and post-COVID symptoms



**IMMUNE BOOST**  
Once you have the flu, it's too late



**VIT - C**  
Ditch the pills



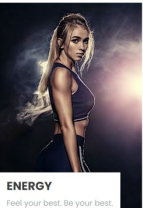
**CARDIAC HEALTH**  
Lower your cholesterol



**HANGOVER HELPER**  
Like it never happened



**MIGRAINE TREATMENT**  
Stop that migraine in it's tracks



**ENERGY**  
Feel your best. Be your best



**NAD+**  
Get more from your workouts

HUFFPOST PERSONAL

### I Tried At-Home Ketamine Therapy. Now I Wish I'd Never Done It.

"Though the company claimed to be sorry for my experience, it did not take any responsibility for what happened."

By Ariane Resnick, Guest Writer

Feb 3, 2023, 08:30 AM EST | Updated Feb 3, 2023



"The ads I'd seen on Instagram and Facebook made ketamine therapy look harmless, with images of smiling people living their happiest lives thanks to this life-changing drug," the author writes. COURTESY OF ARIANE RESNICK



# The First National Network devoted to Suicide Prevention

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A trailblazing precision psychiatry network providing interventional pharmaceutical therapy, TMS, Digital Therapeutics, and supportive therapy for suicidal depression, PTSD, anxiety, OCD and more.

## Our Mission

To offer state of the art **interventional psychiatry** care to render suicidal depression and PTSD curable diseases with overnight results, offering HOPE to patients and families without stigma

## Our Vision

When people tell the story of their mental health journey in the US, they and their family end the story by saying:

***"We went to HOPE and were cured."***



# PILLARS OF HOPE Therapeutics

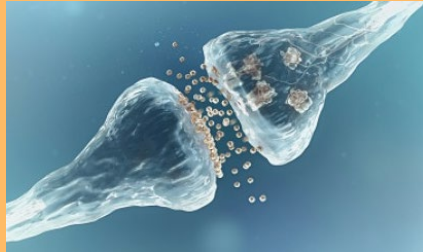
Rewiring the brain in suicidal depression



## Patient Total Care Umbrella

Precision Psychiatry and Medication Management

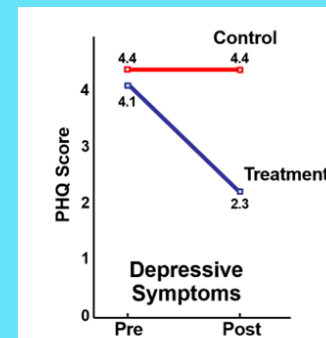
### Ketamine and NMDA Therapy



### Transcranial Magnetic Stimulation



### Digital Therapeutics





# Breakthrough Treatments require a National Umbrella

*To bridge the quality chasm*

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***A national Patient Relationship Management (PRM) system,  
AI-driven Telepsychiatry, Common Protocols, and Proven Outcomes***



# HOPE Therapeutics Four Phase Path to Success:

*Buying clinics at EBITDA multiples and assembling an enterprise worth 15x earnings*

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*Acquire profitable clinics, Add a nationwide umbrella, Add new lines of business to double profit*

## 1. Acquire and integrate 30+ existing, profitable Ketamine clinics through 2025

- Debt finance is committed to acquire at market EBITDA multiples
- Target \$100 million/yr run-rate with positive EBITDA
- **Make good clinics great:** increase revenues via addition of additional business lines and access, grow EBITDA via product mix, efficiencies and operational optimization

## 2. Build a national brand with a nationwide Patient Relationship Management (PRM) umbrella

- Today there is a vacuum, and patients don't know who to call
- HOPE provides the patient portal that will get patients into care in any city in the US
- Creates a national footprint of owned and partnered facilities

## 3. Augment Ketamine therapy with TMS and Digital Therapeutics

- TMS and Digital Therapeutics augment the effect of Ketamine
- Improved outcomes as well as accretive to clinic operations

## 4. Develop proprietary products to improve patient outcomes and profitability

- Oral therapeutics currently in development
- Ketamine analogs currently in development



# Establishing Hope's Clinical Foundations

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## Acquire, integrate, and expand ~30 behavioral health sites in coming 18 months

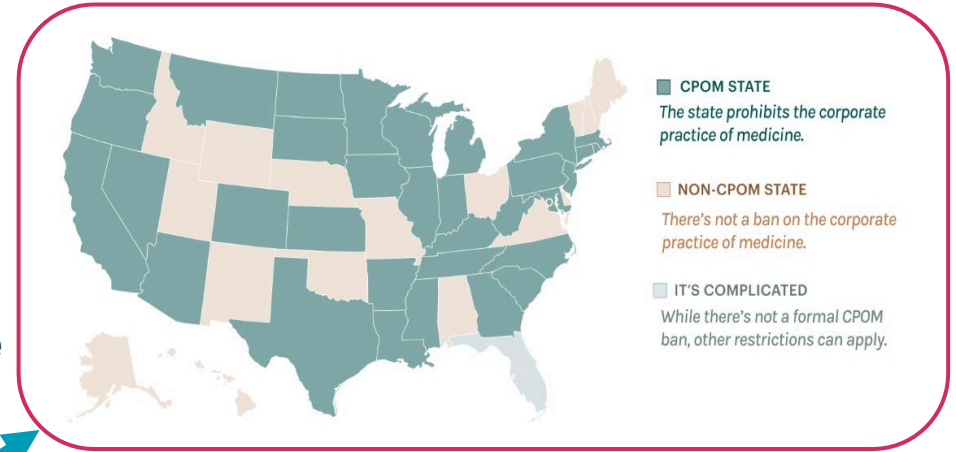
- Stage 1:** Acquisition of 15–18 industry-leading Behavioral Health Clinics by mid-2025  
*~12 clinics already identified in target regions – now in active acquisition*
- Stage 2:** Double the clinical network with acquisition of 15–18 additional full-service mental health clinics – vetting a list of 20+ clinics in the pipeline for advancement to due diligence
- Stage 3:** Starting in ~2026, initiate a Hub/Spoke clinical network in individual regions by attracting additional provider-owned clinics while expanding the footprint of portfolio clinics to new sites



# HOPE Clinic Selection Criteria

## Prioritizing:

- Full-service mental health practices treating depression, PTSD, Anxiety, and more
- Strong staff retention
- Strong patient and provider satisfaction
- Clinics with strong ARR and positive EBITDA
- Potential to increase both revenue / earnings rate by >10% in first year for portfolio clinics
- Non-CPOM states favored, starting with **Fl & Va** ➔
- Expand to franchise network via MSO partnerships



## Projected valuation/acquisition cost: Market EBITDA multiples

**5,000+ outpatient mental health/psych clinics in the US. 800+ already offering Ketamine therapy**





# Disrupting the Traditional PE Model to Drive Growth

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## Traditional PE is breaking mental healthcare delivery

- Traditional PE model of cutting costs and curtailing staff is limiting both quality of care and access, even as their behavioral health networks expand locations
- Deep dissatisfaction amongst most acquired entities under PE leadership
- Cost-cutting measures that reduce quality of care are both harmful and unnecessary when opportunity for growth and expansion is present
- Current state-level focus on curtailing PE acquisition of healthcare practices

## Hope's acquisition and integration model drives commercial success by improving clinical success

- Focus on adding psychiatrist-driven care to current “infusion-only” centers, expanding clinical offerings to new procedures, services, and digital engagements to enrich patient experience
- Increasing provider staff to meet growing patient demand and reduce wait times
- Increasing referral volume to clinical procedures through expanding provider staff, marketing, community partnerships at regional and national level



# Leadership Team



**Matthew Duffy**  
**Co-CEO**

30+ years of biotechnology-related business and investment banking expertise. Business leadership roles at Pfizer and Medimmune. Investment banking and research roles at Roberts Mitani, LifeSci Advisors, and Laidlaw. Series 7, 63, and 65 Securities Licenses.



**Jonathan Javitt, MD, MPH**  
**Co-CEO & Chairman**

40 years in pharmaceutical and medical device development. Blockbuster drug and device development programs with Allergan, Eyetech, Merck, Novartis, Pfizer, and Pharmacia. Advisor to four White House administrations.



**To Be Announced, MD, PhD**  
**Chief Medical & Innovation Officer**

Founder of [leading Interventional Psychiatry Clinic] in US, and one of the first academic leaders to administer Ketamine for depression.



**Rick Panicucci, PhD**  
**Chief Technology Officer**

25 years manufacturing leadership. Head of CCP, Novartis. VP of Manufacturing, WuXi Apptec. Chief Technology Officer, Bridge Bio.



**Zachary Javitt**  
**VP Business Development & Brand Strategy**

Over 10 years of market development and product development in Digital health and Biotech. Leadership in marketing and operational roles at NRx Pharmaceuticals and PillTracker. Business Development & M&A lead for Hope Clinics M&A



**Richard Narido**  
**CFO**

Mr. Narido has more than 20 years of experience in accounting and finance, including in the CFO role. Companies include Lucira Health (acquired by Pfizer in 2023), Assembly Biosciences, Bio-Rad Laboratories, Novartis Vaccines and Diagnostics, and McKesson Corporation. Mr. Narido started his career with PricewaterhouseCoopers's Financial Audit and Assurance practice.



# Scientific Advisory Board

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## **Gerard Sanacora, PhD, MD – Chair**

Professor of Psychiatry at Columbia University. Initial discovery on the role of NMDA antagonists in psychiatric disorders. More than 760 publications in the field. Inventor of the NRx patent portfolio

## **Marion Leboyer, MD, PhD – EU Principal Investigator**

Professor of Psychiatry Inserm (Paris). More than 1300 publications related to clinical psychiatry and infectious / genetic triggers of psychiatric disease.

## **Andrew Nierenberg, MD – US Principal Investigator**

Professor of Psychiatry at Harvard University, Director, Dauten Family Center for Bipolar Treatment Innovation. More than 875 publications in the field. Director of the national Patient Centered Outcomes Research Initiative in treatment of Bipolar Depression.

## **Philip Lavin, PhD – Lead Methodologist**

NRx Lead Methodologist. Clinical Professor, Harvard Medical School and Harvard School of Public Health. FDA Special Government Employee in Statistics. More than 78 Drug and Medical Device Approvals and more than 350 scientific publications.



# Hope Therapeutics Near-Term Investor Highlights:

## *Make Good Clinics Great*

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- **Acquisition and management of ~30+ Ketamine clinics through 2025**
  - Target \$100 million/yr run-rate with positive EBITDA
  - Starting with industry-leading mental health practices that set the standard and scale for future acquisitions; ongoing revenue and positive EBITDA
  - ***Make good clinics great:*** increase revenues via offerings and access, grow EBITDA via product mix, efficiencies and operational optimization
- **Disciplined financing strategy**
  - Clinic acquisition:
    - Fair EBITDA multiples with performance based earn-outs
    - Cash via corporate bonds and/or other debt financing expected
  - IPO: planned as the company begins to scale & generate meaningful revenue
- **Building shareholder value**
  - Market value of clinics is largely based on EBITDA multiples
    - ***Growing total EBITDA, via increased integration of services, directly enhances shareholder value; debt financing avoids dilution***







# Thank You

**For further information  
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