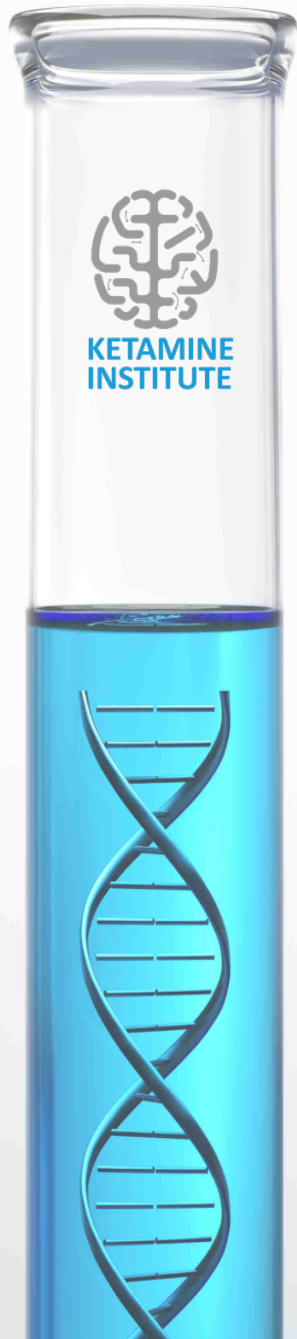


# KETAMINE INFUSION THERAPY for MOOD DISORDERS

A COMPREHENSIVE COURSE AND WORKSHOP  
FOR PHYSICIANS



*A BREAKTHROUGH THERAPY FOR THE  
TREATMENT OF MAJOR DEPRESSION  
AND RELATED DISORDERS*



What The NIH Says  
About Ketamine

National Institutes  
of Health

*"Recent data suggest that ketamine,  
given intravenously, may be the most  
important breakthrough in  
antidepressant treatment in decades"...*

Thomas Insel, MD – Director, National Institute of Mental Health

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## A COMPREHENSIVE COURSE AND WORKSHOP FOR PHYSICIANS

### DAY 1

#### A COMPREHENSIVE COURSE AND WORKSHOP FOR PHYSICIANS

<b>MODULE 1</b>	<b>A New Way of Looking at The Treatment of Mood Disorders</b>
	REGISTRATION AND MEETING ATTENDEES
	Introduction – <b>Gerald W. Grass, MD</b>
	Are Conventional Antidepressants Obsolete?
	Ketamine - A New Path to Depression Relief
	The Human Connectome Project and How It Impacts Depression
	Ketamine as Molecular Neuromodulation Therapy
	Question and Answer Session – Lunch on your own
<b>CLINICAL KETAMINE INFUSION SESSION 1</b>	
<b>MODULE 2</b>	<b>The Current Scientific Evidence Supporting Ketamine Therapy – 1</b>
	Why You Should Perform Ketamine Infusions
	What is Ketamine – The Strange History of CI 581
	Repurposing an Old Drug – 50+ Years of Clinical Use
	Overview of the Current Scientific Evidence for Ketamine Therapy
	Comparison of Ketamine Therapy vs. Standard Treatment, ECT and rTMS
	Question and Answer Session

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## A COMPREHENSIVE COURSE AND WORKSHOP FOR PHYSICIANS

### DAY 2

#### A COMPREHENSIVE COURSE AND WORKSHOP FOR PHYSICIANS

<b>MODULE 3</b>	<b>The Current Scientific Evidence Supporting Ketamine Therapy – Pt 2</b>
	Pharmacodynamics and Pharmacokinetics Aspects of Ketamine Therapy
	Ketamine interaction at the NMDA and AMPA receptor
	Research into other ketamine like compounds – will they be effective?
	Beyond the Pharmacological Effects of Ketamine – Transpersonal Perspectives
	Question and Answer Session – Lunch on your own
<b>CLINICAL KETAMINE INFUSION SESSION 2</b>	
<b>MODULE 4</b>	<b>Practical Clinical Aspects of Ketamine Therapy</b>
	Patient Selection and Evaluation for Ketamine Therapy
	Reviewing Medical Records, Pre-procedure labs, and EKG
	Contraindications to Ketamine Therapy
	Intravenous vs. Intramuscular vs Oral/Nasal administration
	Is Ketamine Abuse and Substance Dependence An Issue?
	Medicolegal concerns about off label use of ketamine
	Question and Answer Session



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## A COMPREHENSIVE COURSE AND WORKSHOP FOR PHYSICIANS

### DAY 3 – Half Day

#### A COMPREHENSIVE COURSE AND WORKSHOP FOR PHYSICIANS

<b>MODULE 5</b>	<b>The Ketamine Infusion Protocol and Procedures</b>
	Pre-procedure Assessments and Documentation Requirements
	Equipment Requirements Necessary for Providing Ketamine Safely
	The Ketamine Protocol
	Adverse Effects Associated with Ketamine Therapy and How to Manage Them Safely
	Post Procedure Observation and Interview
	Question and Answer Session – Break for snack
<b>CLINICAL KETAMINE INFUSION SESSION 3</b>	
<b>MODULE 6</b>	<b>Optimizing Outcomes and Expanding Indications for Ketamine Therapy</b>
	Optimizing Serum Concentration for Maximal Benefit
	Treating Complicated Patients with Mood Disorders and Co-morbid Conditions
	The Expanding Indications for Ketamine Therapy
	Ketamine Institute Mentoring Program
	Question and Answer Session

Certification is awarded upon successful course completion



# KETAMINE INFUSION THERAPY for MOOD DISORDERS

## A COMPREHENSIVE COURSE AND WORKSHOP FOR PHYSICIANS

### ABOUT OUR PROGRAM

As Director of the Ketamine Institute, and speaking from the perspective of over fifteen years of academic and clinical practice with ketamine therapy, I would like to tell you why my colleagues and I think that this program is the finest learning opportunity for physicians to acquire the knowledge and skill necessary for this new and exciting therapy.

Ketamine Infusion Therapy for Physicians is the only coordinated and comprehensive training program in the use of ketamine therapy for physicians in North America. The program is comprehensive in that its teaching content is not restricted to theory or academic interest but grounded in 15 years of clinical practice. All major aspects of ketamine therapy that have practical clinical value are represented in the program. The teaching approach stresses contemporary medicine and bioscience, yet addresses the full translational medicine and transpersonal aspects of ketamine therapy as derived from clinical and basic science research.

Over the years, I have had the privilege and pleasure to constantly revise and refine this program after presenting various aspects of it in many venues including academic centers, hospitals, and government organizations to physicians, residents, and fellows. I am dedicated to ensuring that every student completing the course is competent in this new discipline and ready to incorporate it into practice. There is no other course in the country that invests as much attention and energy in each student. We are satisfied that we have created the gold standard in physician ketamine infusion therapy training.

Gerald W. Grass, M.D.  
Medical Director, Ketamine Institute

### Advantages of This Program

This intensive small group Ketamine Infusion Therapy Training Course is offered three times per year and class size is limited to **only three-six participants**. In addition to general course work, classes are also held in the Ketamine Institute so that physicians will have the opportunity to see the working environment in which ketamine therapy actually takes place. **They will also gain additional practical experience during actual clinical ketamine infusions.** This insures that each physician will have first-hand experience and maximal opportunity to work directly with me on a one-to-one basis to facilitate the learning experience.

The course content is comprehensive and integrated. It systematically embraces all major aspects of ketamine therapy and provides them with a practical framework to begin this exiting therapy in their offices and clinical environment. Each step in learning is anchored to pragmatic applications and realistic clinical situations seen in daily practices. The format of the program is convenient for the busy practitioner wanting to assimilate a new discipline with multimedia learning with lecture, reading, video demonstration, and supervised hands-on experience.

**We also offer mentoring to our graduates.** We assist our graduates along the way as they begin their practice, providing advice, consultation, recommendations and support as they begin to develop and implement ketamine infusion programs.



# KETAMINE INFUSION THERAPY for MOOD DISORDERS

## A COMPREHENSIVE COURSE AND WORKSHOP FOR PHYSICIANS

### REGISTRATION APPLICATION

A COMPREHENSIVE COURSE AND WORKSHOP FOR PHYSICIANS – In addition to the form below, please remember to submit your credentials and a brief statement of your experience with and intended use of ketamine therapy.

#### REGISTRANT INFORMATION

IMPORTANT. Please answer all the questions:

#### MEDICAL DEGREE:

MD  DO  Other

#### PRIMARY SPECIALTY CERTIFICATION:

- Psychiatry  
 Neurology  
 Anesthesiology  
 Other

#### PRACTICE LOCATION:

- Office based – Solo Practice  
 Office based – Group Practice  
 Government/Military  
 Academic/Hospital based

#### Return completed form and additional requested documentation to:

Ketamine Research Institute  
4300 Bayou Blvd. – Suite 27  
Pensacola, FL 32503 or  
Fax to 850-602-9013.

For additional information about ketamine and its role in mood disorders, please see our website at:



**KETAMINE  
INSTITUTE**

[www.ketamineinstitute.com](http://www.ketamineinstitute.com)

800-850-6979

NAME (FIRST) (MIDDLE INITIAL) (LAST)

ORGANIZATION

ADDRESS 1

ADDRESS 2

CITY STATE ZIP

PHONE FAX

E-MAIL

#### PAYMENT METHOD (PLEASE CHECK ONE) - Tuition \$8,950.00 USD

- MASTERCARD  VISA  AMERICAN EXPRESS  DISCOVER

CREDIT CARD NUMBER SECURITY CODE EXP DATE

NAME ON CARD

AUTHORIZED SIGNATURE



**KETAMINE  
INSTITUTE**

Ketamine Institute | Leading The Way In Ketamine Therapy and Education

# KETAMINE INFUSION THERAPY for MOOD DISORDERS

## A COMPREHENSIVE COURSE AND WORKSHOP FOR PHYSICIANS

### FROM THE KETAMINE RESEARCH INSTITUTE

On behalf of the Ketamine Institute, it is our privilege and pleasure to invite you to attend this Comprehensive Course and Workshop for Physicians - Ketamine Infusion Therapy for the treatment of Mood Disorders. This course is offered several times per year and attendance is limited and conducted in small group format to insure an active and engaged learning environment.

This course provides a unique opportunity for hands-on learning of the basic principles, standards of use, and potential applications of ketamine infusion therapy. It is based upon input and requests from practicing physicians and represents a cutting edge educational program in a breakthrough treatment modality for the rapid and effective treatment of common mood disorders.

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#### Acceptance

Acceptance into the program is not automatic upon application. It is based upon professional training and current practice environment, intended use of this treatment modality, administrative support for ketamine therapy, geographic location, and timely receipt of the application and required documents. Your application should contain, in addition to the attached registration form:

- Resume of formal training, including ketamine infusion therapy, if any;
- A thoughtful statement of plans (at least two paragraphs) for your use of ketamine therapy;
- Photocopy of your current, active professional license.

The completed registration form and documentation should be submitted along with the full tuition fee to us by fax at 850-602-9013. Please apply early in order to reserve your space and receive the preparatory reading material well in advance of the program weekend. Each scheduled course will be filled to capacity on a first-come, first-served basis.

Note: Applicants will be admitted in the order in which their applications are received. Once a course is full, additional applicants will be added to a wait list and given the opportunity to register for the following course. In the past, this course has reached maximum enrollment several months before its start date. For more information or to inquire about registration, please contact Gerald W. Grass, MD at [restore@ketamineinstitute.com](mailto:restore@ketamineinstitute.com).

#### Cost and Accommodations

Tuition for the 2 ½ day Ketamine Infusion Therapy course is \$8,950.00 USD. \*\*Prices are subject to change\*\*  
Accommodations are not included; however, a discounted rate is available for a limited number of rooms at Hyatt Place – Pensacola International Airport. Transportation is provided free of charge by Hyatt Place to the Ketamine Research Institute.

#### Cancellation Policy

Ketamine Research Institute reserves the right to cancel the course or any of its clinical units, and to change the dates or venue of the units. If you are not accepted into the course a full refund of the tuition is given. If a clinical unit is canceled or rescheduled, you must be available to attend an alternate unit. A full refund can be given if the course is canceled, discontinued, or rescheduled. A minimum service charge of \$300 is withheld from all other refunds. Requests for refund must be in writing and postmarked by two weeks before the start of the course weekend after which time tuition is not refundable.

