

“**Depressive disorders occur twice as often in women compared with men.**”

Marlene Freeman, MD

Associate Professor of Psychiatry, Harvard Medical School  
Director of Clinical Services, Perinatal and Reproductive Psychiatry Program,  
Massachusetts General Hospital

?

“**Sex hormones affect neurotransmitters and shape the adult female brain during hormonal transition periods**”

Frontiers in Neuroscience  
Max Planck Institute for Human Cognitive and Brain Sciences



## **TREATMENT INNOVATIONS IN WOMEN'S MENTAL HEALTH**

Women of All Ages and their HCPs Desire Treatment Options Designed to Address their Unique Mental Health Needs Effectively and Safely

**EnBrace HR small soft gel**  
All-Natural & Safe Ingredients  
Root Cause Treatment

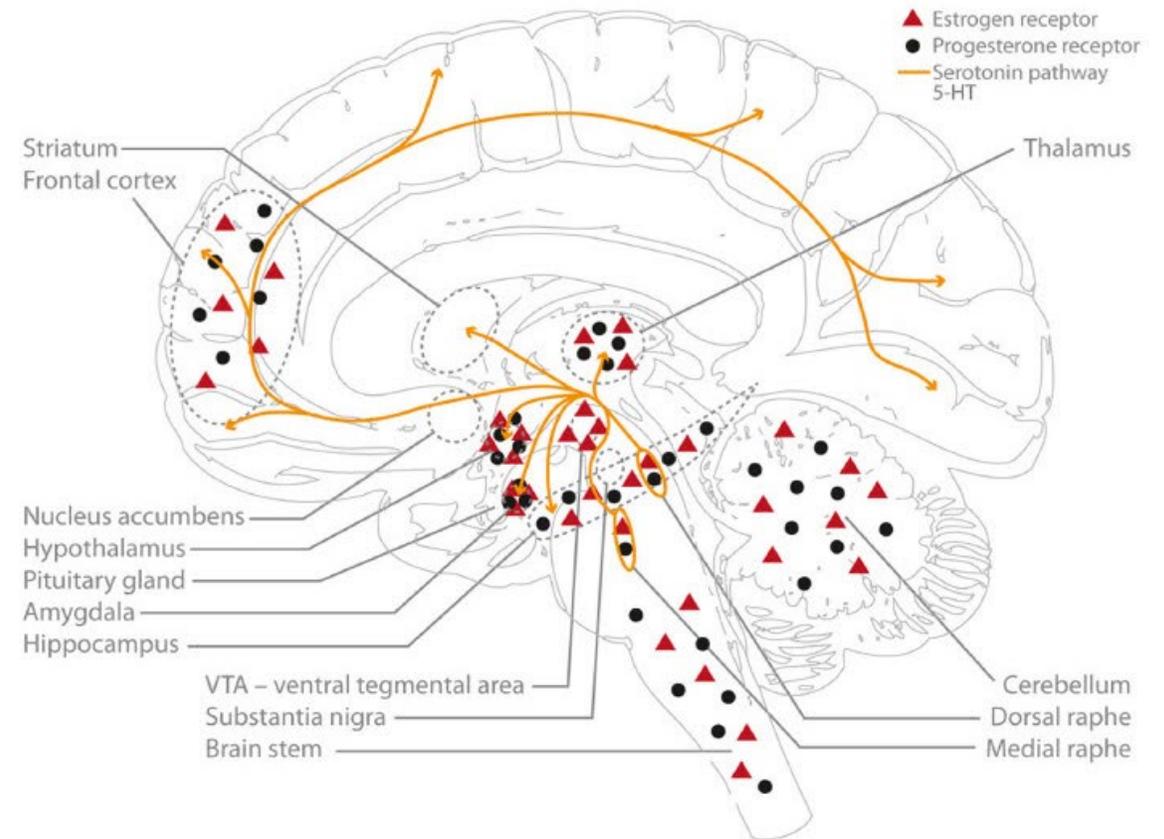
**Clinically Proven Effectiveness for:**  
Major Depressive Disorder  
PMS/PMDD & Menopause  
Including in and around pregnancy

# INTERACTIONS BETWEEN SEX HORMONES AND NEUROTRANSMITTERS

Frontiers in Neuroscience/Neuroendocrine Science, February 2015/Volume 9/Article 37/ Page 4

Interaction between ovarian hormone levels, receptor sites, and circuits, modulate serotonergic functions, levels, and reactivity in females throughout adolescence and adulthood - Affecting mood, memory, emotions, appetite, and cognition.

## Serotonergic Pathways



**“Promising therapeutic approaches to improve PMS, PMDD, Perimenopausal mood and depressive disorders should include a strategy that increases neurotransmitters by administering dietary coenzymes and mineral cofactors that are the precursors for the monoamines metabolized by MAO-A.”**

EnBrace HR Small Gel Cap

# INGREDIENTS

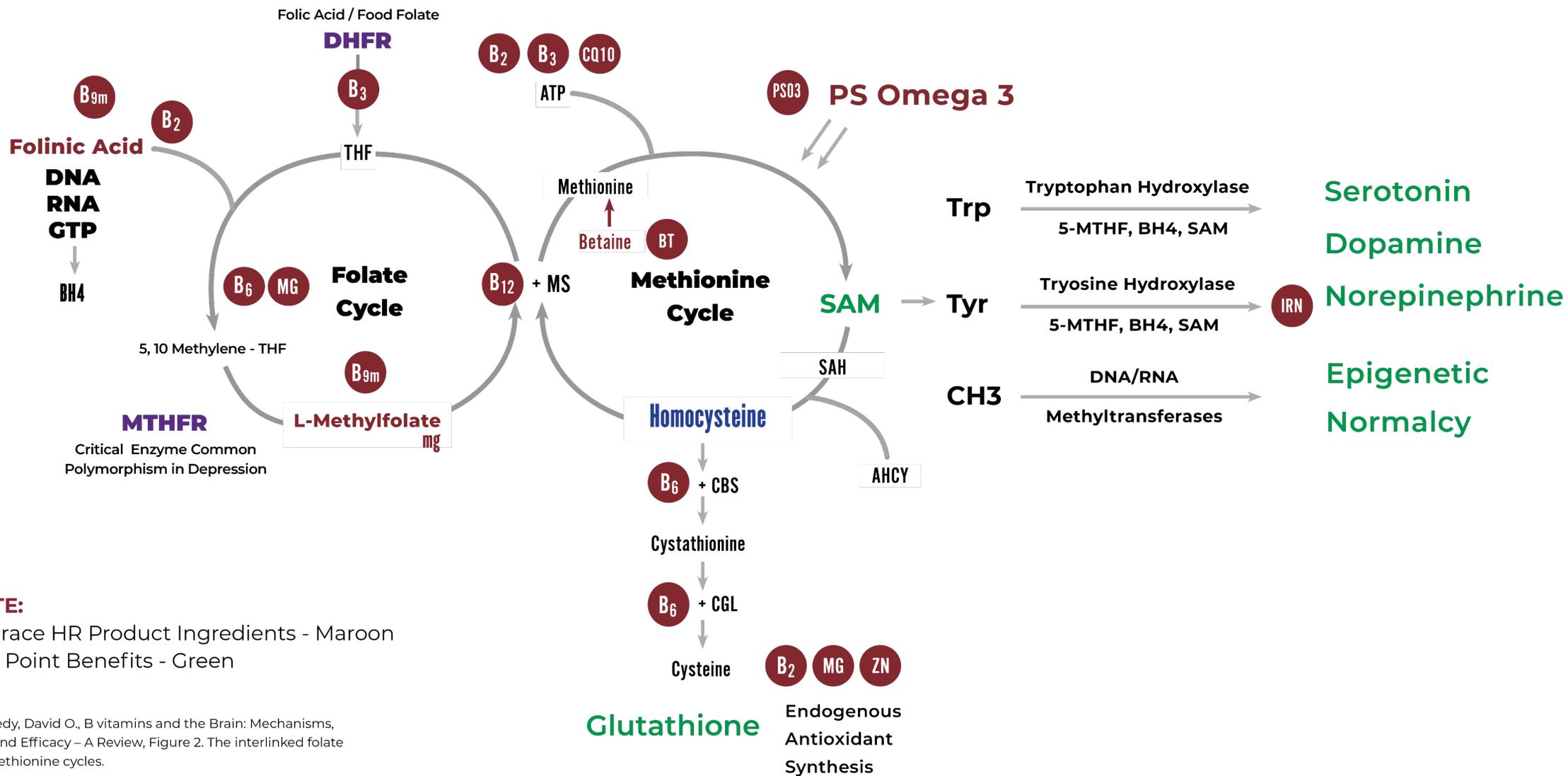
Rx | All Natural | Unique | Bioactive Coenzyme Vitamin Gel Cap

“EnBrace HR contains 5.53 mg. of L-Methylfolate Magnesium and small quantities of other folate derivatives (1mg. folic acid and 2.5mg of folinic acid) optimal for a depressed population with high rates of MTHFR polymorphism that affect folic acid metabolism and high risk of neural tube defects and other birth defects.”

Freeman M. et al: A prenatal Supplement with Methylfolate for the Treatment and Prevention of Depression in Women Trying to Conceive and During Pregnancy, Annals of Clinical Psychiatry, February 2019.

|   |        |
|---|--------|
| L-Methylfolate Magnesium                  | 5.53mg |
| Folinic Acid                              | 2.5mg  |
| Folic Acid                                | 1mg    |
| B12 (Methylcobalamin)                     | 25mcg  |
| B12 (Adenosylcobalamin)                   | 25mcg  |
| B6 (Pyridoxal-5-Phosphate)                | 25mcg  |
| B1 (Thiamine Pyrophosphate)               | 25mcg  |
| B2 (Flavin Adenine Dinucleotide)          | 25mcg  |
| B3 (Nicotinamide Adenine Dinucleotide)    | 25mcg  |
| PS-Omega-3 (Phosphatidylserine, EPA, DHA) | 23mg   |
| Magnesium Ascorbate                       | 24mg   |
| Magnesium L-Threonate                     | 1mg    |
| Iron (Ferrous Glycine Cysteinate)         | 13.6mg |
| Zinc Ascorbate                            | 1mg    |
| Betaine                                   | 500mcg |
| Citric Acid Monohydrate                   | 1.83mg |
| Sodium Citrate                            | 3.67mg |
| CoQ10                                     | 500mcg |
| Bioperine (B Vitamin Bioenhancer)         | 25mg   |

# METHYLATION CHART

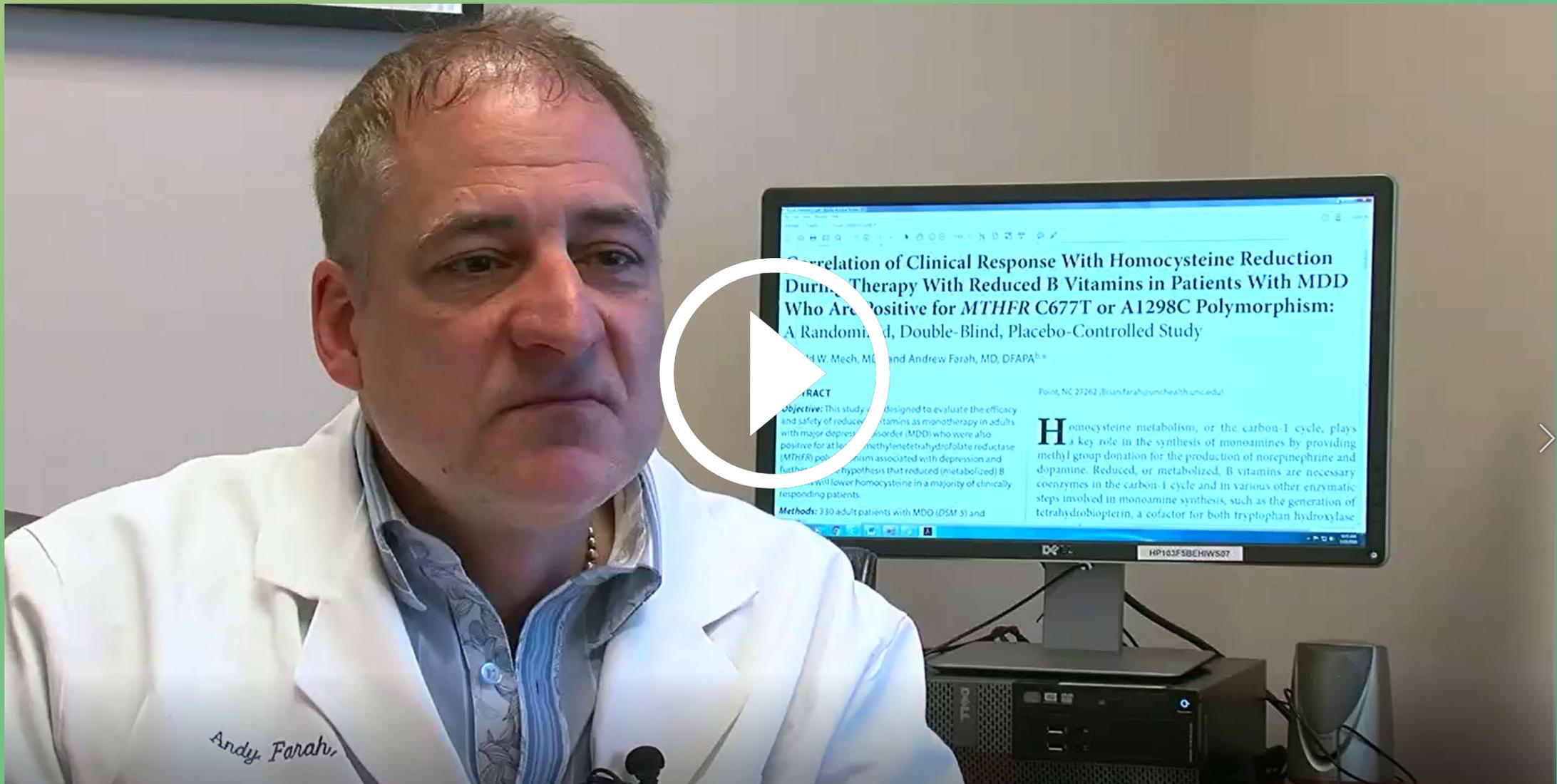


**NOTE:**

EnBrace HR Product Ingredients - Maroon  
 End Point Benefits - Green

\*Kennedy, David O., B vitamins and the Brain: Mechanisms, Dose and Efficacy – A Review, Figure 2. The interlinked folate and methionine cycles.

# CLINICAL STUDY OVERVIEW



# THE JOURNAL OF CLINICAL PSYCHIATRY

## 330 ADULT PATIENT RANDOMIZED DOUBLE BLIND PLACEBO CONTROLLED STUDY

### OBJECTIVE:

This 8-week study was designed to evaluate the efficacy and safety of EnLyte/EnBrace HR as monotherapy in adults with major depressive disorder (MDD) who were also positive for at least 1 methylenetetrahydrofolate reductase (MTHFR) polymorphism associated with depression and further test the hypothesis that EnLyte/EnBrace HR will lower homocysteine in a majority of clinical responding patients.

MAY 2016

Correlation of Clinical Response With Homocysteine Reduction During Therapy With EnLyte/EnBrace HR in Patients With MDD Who Are Positive for MTHFR C677T or A 1298C Polymorphism - Andrew Farah, MD

### 1) Mean MADRS Symptom Score of EnBrace HR Versus Placebo



### 2) 30% Reduction in Homocysteine Levels (Compared to Placebo)

**NO SIDE EFFECT WAS REPORTED AT GREATER RATE  
THAN PLACEBO**

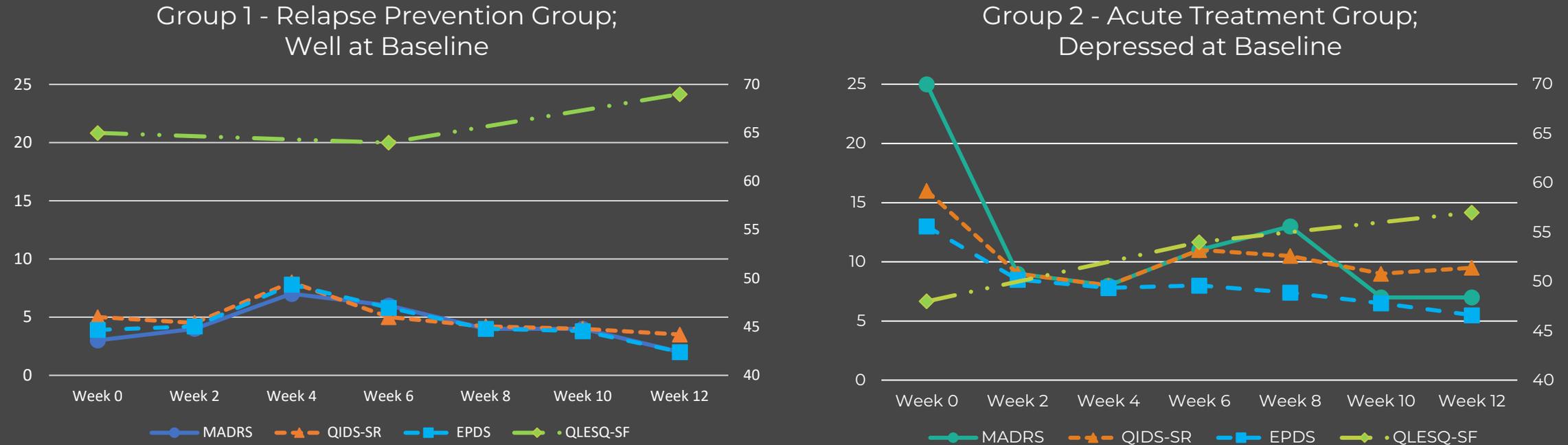
**ONSET OF ACTION: 2 WEEKS**



# EnBrace HR For The Treatment and Prevention of Depression in Women

## Trying to Conceive and During Pregnancy

Marlene P. Freeman, MD et al, Annals of Clinical Psychiatry February 2019



### CONCLUSION

Study results suggest EnBrace HR is a novel and well tolerated intervention with efficacy for the prevention and treatment of depression among women planning pregnancy and who are pregnant.

Figure 1. The aim for Group 1 was to prevent depression relapse, and the aim for Group 2 was to improve depression symptoms, measured through several mood and quality of life questionnaires. Trends shown by group for the primary mood outcome measure, the MADRS (Montgomery-Asberg Depression Rating Scale) in dark blue; for secondary mood measures, the QIDS-SR (Quick Inventory of Depressive Symptomatology-Self Report) in orange and the EPDS (Edinburgh Postnatal Depression Scale) in light blue; and for a quality of life outcome, the QLESQ-SF (Quality of Life Enjoyment and Satisfaction Questionnaire -Short Form) in green. Group 1 experienced no significant changes in any of the four measures, and Group 2 experienced significant improvements in the mood questionnaires but not the quality of life questionnaire. All ANOVAs indicating significance are reported in Table 3.

# PMS

## (Premenstrual Syndrome)

Mild/Moderate

Cyclic hormonal changes of the menstrual cycle causes fluctuations of serotonin levels leading to adverse symptomology

– Mayo Clinic –



# PMDD

## (Premenstrual Dysphoric Disorder)

Severe (DSM-5)

**Tension/Anxiety, Depressed Mood – Irritability/Anger – Appetite Changes – Cravings – Insomnia – Social Conflict Withdrawal – Anhedonia – Feeling overwhelmed/ out of control - hopelessness**

### Biochemical Wellness

EnBrace HR normalizes serotonin levels and is an effective, all-natural, safe, root cause monotherapy option or adjunct to SSRIs, oral contraceptives, NSAIDs, and/or diuretics in the prevention or treatment of PMS/PMDD.

Dietary B Vitamin Intake and Incident of Premenstrual Syndrome. Manson et al. Am J Clin Nutr. 2011

### Clinical Result Example

A 17-year-old on Paxil for PMDD experienced side effects and withdrawal symptoms after discontinuing Paxil. She was hesitant to resume antidepressant medications after presenting again with PMDD depression, and a MADRS of 20. The patient elaborated she was “putting on a happy face”. She was prescribed EnBrace HR and within 4 weeks her MADRS dropped from 20 to 6.

Coenzyme Treatment of Childhood and Adolescent Depression: A Case Series. Farah et al. Clinical Psychiatry Vol 7 #5S3:93 April 2021

**“For the emotional dysregulation of PMS and PMDD, we turned first-line to the natural, broad spectrum B vitamin coenzymes and mineral cofactor agent, EnBrace HR. This product has provided safe and effective relief for countless patients with these challenging symptoms”**

Andrew Farah, MD

Attending Psychiatrist, Novant Health System, Winston-Salem, NC  
Medical Director of Strategic Mental Health Interventions

# MENOPAUSE

**Declining ESTROGEN levels in MENOPAUSE aggravated by MTHFR SNP cause SEROTONIN depletion and HOMOCYSTEINE increases leading to:**

## **EMOTIONAL DYSREGULATION**

- Depression Disorders
- Anxiety
- Lack of Motivation
- Aggressiveness
- Difficulty Concentrating
- Fatigue
- Irritability

## **HOT FLASHES**

- Insomnia
- Warmth
- Flushing
- Rapid Heartbeat
- Chills
- Headache
- Night Sweats

## **LOW BONE MINERAL DENSITY**

- Back or Neck Pain
- Loss of Height
- Stooped Posture
- Brittle Bones/Nails
- Receding Gums
- Grip Strength
- Aching Muscles

## **COGNITIVE DEFICITS**

- Working Memory
- Attention
- Reduced Processing Speed
- Reduced Verbal Memory
- Word Retrieval Trouble
- Loss of Train of Thought

\*Clinical references available upon request

**EnBrace HR restores serotonin levels and reduces high homocysteine and is clinically proven to treat adverse health outcomes in Menopause naturally and safely, alone or adjunctively with HRT, SSRIs or Calcium/D.**

# HOW TO PRESCRIBE

## STEP 1

### USE OUR ONLINE PRESCRIBER FORM

Fill in prescriber and patient information and then hit “submit”

[CLICK HERE](#)

## STEP 2

### WE WILL OFFER YOUR PATIENT THEIR FIRST BOTTLE AT A DISCOUNTED PRICE OF \$29.95

We will also provide them with the insurance steps and help determine the most cost-effective option moving forward

## STEP 3

### IF IT'S COVERED ON INSURANCE, WE WILL CONTACT YOUR OFFICE WITH PRESCRIBING INFO

If your patient does not have coverage or has a high co-pay, we will offer our discounted cash-pay option for EnBrace HR. No further action is needed for your office.