



The ONLY menopause treatment  
designed to improve cognition

## Key Benefits

- **Treats Brain Fog**—affecting 70% of menopausal women
- Optimal estrogen (**Estriol**) type, dose, and timing with tailored progesterone
- **Convenient** hormone **blister pack**
- Our CleopatraRX™ nurses **help doctors** track compliance and monitor cognitive benefits
- Improves **hot flashes, sleep, and genitourinary symptoms**



## Published Clinical Results

### Neuroprotection in Women With Multiple Sclerosis Phase 2b Trial

Estrogen in PearlPAK®:

- Improved cognition
- Reduced cerebral cortex atrophy
- Reduced a blood marker of neurodegeneration

### Neuroprotection in the Model of Menopause in Healthy Women

Treatment stimulating estrogen receptor (ERβ) in brain by PearlPAK®:

- Improved cognition
- Prevented regional brain atrophy
- Reduced neuropathology

### Translation to Healthy Menopausal Women

Changes in glucose metabolism genes in menopause model aligned with changes in menopausal women and were reversed by treatment in the model.

### Voskuhl Menopause Brain Fog Assessment™ used to Track Efficacy

- **Improvement** in cognition reported by **9-12 months** of treatment
- **95% retention rate at 12 months**, after initial hormone change well tolerated

## Strong Safety Track Record

- Estrogens are not all the same
- **Estriol** (in PearlPAK®) binds to ERβ for brain protection
- **Estradiol** (in other HRTs) binds strongly to ERα associated with breast cancer
- Women's Health Initiative (WHI) studies used Estradiol, not Estriol

Over 40 years of safety data  
from Europe/Asia



## Founded in Science

**Rhonda Voskuhl, M.D.,**

- Professor of Neurology, University of California, Los Angeles (UCLA)
- Inventor of UCLA patents for PearlPAK®, licensed by CleopatraRX™
- UCLA Comprehensive Menopause Program faculty neurologist
- NIH Neuroscience Program Award 2023-31
- Publications in high impact science journals showing neuroprotection
- Global academic awards for translational work in neuroprotection

## Patient Testimonial

*"Because of PearlPAK®, I have my life back!!!!  
Thank you, Dr. Voskuhl for your research, wisdom,  
and neuroscience!"*



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