

**SUGGESTED FORMULA**

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Estradiol 0.25mg/ Estriol 2mg/ Estrone 0.25mg Capsules in Peanut Oil

Version number: 1.0

Volume or quantity: 100 capsules

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Estradiol, Micronized, USP (E1435)	0.025gm
Estriol, Miconized, USP (E1011)	0.200gm
Estrone, (ES200)	0.025gm
Peanut Oil, NF (PE090)	20mL
Size #1 Capsules	#100

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\*Other suitable oils such as Safflower Oil, Corn Oil or Olive Oil can be used in this preparation especially if patient is allergic to peanuts. It is necessary to determine the quantity of diluent required as a filler prior to beginning this preparation. \*

**SUGGESTED COMPOUNDING PROCEDURES**

1. Calculate the required quantity of each ingredient for the total amount to be prepared
2. Accurately weigh and/or measure each ingredient
3. Mix the powders in a mortar using geometric dilution
4. Add the peanut oil to a beaker, add Step#3 and thoroughly mix
5. Load a capsule machine if available with Size #1 locking Capsules
6. Using a micropipette, place 200- $\mu$ L of the mixture into each capsule
7. Place the caps on the capsules and close snugly. Sample capsule weights
8. Package, Label and Refrigerate
9. Suggested Quality assessments
  - a. % variability & % deviation from theoretical <10% - (remake if >10%)
  - b. Capsule size
  - c. Capsule color
  - d. Quantity
  - e. Label - auxiliary labels, storage, BUD, compounded medication

Store in air-tight container at room temperature

No claims are made as to the safety or efficacy of this preparation. This formulation is provided solely at the unsolicited request of the pharmacist.

Beyond-Use Dates of preparations are conservative estimates from reference books, peer-reviewed literature, and intended duration of therapy, formulation from commercially available products,

organoleptic observations and current USP guidelines. Compounders may have stability studies performed by a reputable laboratory if they wish to extend the Beyond-Use Date. It is recommended that you follow USP <795> recommendations for potency testing.

Beyond-Use Date should be assigned based on the current USP <795>

**Precautions:**

Precautions should be taken when compounding hormones. These may be absorbed through skin, mucous membranes and lungs. Wear appropriate personal protective equipment – and inform personnel of the risk. Mix and prepare in vented enclosure (hood). Pregnant women and personnel with hormone related cancers should not compound hormone preparations.

Hazardous drugs should be handled according to USP <800>, NIOSH standards and pharmacy SOPs. This preparation should be compounded in a biological safety cabinet or compounding aseptic containment isolator. Precautions should be taken to prevent cross-contamination and exposure of ingredients to the compounder and contamination of the preparation by the compounder. Wear appropriate personal protective equipment.

Although much attention has been paid to ensure the accuracy of the formulation contained here, Spectrum Pharmacy Products accepts no liability for the loss or damage arising from reliance on the information. Compounding pharmacists using this formula take full responsibility for the formulations and hold Spectrum Pharmacy Products and Spectrum Chemical Mfg Corp. and its officers, directors and employees harmless for any claim arising from use of or reliance on information contained therein.

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