



# The Compounding Pharmacy of SA

BIO-IDENTICAL HORMONES & PATIENT INDIVIDUALISED MEDICINES

## Bio-Identical Hormones

—for men & women

*- for the management of menopause, andropause, adrenal & immune disorders, reduced libido and osteoporosis.*



**South Africa's first compounding pharmacy now offers bio-identical hormones in a highly penetrating transdermal liposomal gel.**

*-including any combination & concentration of Estriol, Estradiol, Estrone, Progesterone, DHEA, pregnenolone & testosterone*

### What are compounded medicines?

Compounded medicines are unique pharmaceutical products formulated & adjusted according to a patient's specific needs, symptoms or blood results. They allow for flexible dosages, concentrations, combinations & numbers of actives to be incorporated.

### What is bio-identical hormone replacement?

Bio-identical hormones are identical to the hormones produced naturally in the body and include progesterone, estradiol, estriol, DHEA and testosterone. Non-bio-identical hormones do not occur naturally in the body and include medroxyprogesterone acetate, conjugated estrogens & equilin derived from horses urine. Bio-identical hormones are significantly safer than non bio-identical hormones in terms of cancer and blood clotting risk. Bio-identical hormone replacement therapy offers a safer and more individualised alternative to conventional HRT.

### Why transdermal gels and not oral route?

Transdermal gels avoid first pass liver metabolism. Oral hormones are first metabolised by the liver which produces significant quantities of blood clotting factors as a result. Recent studies have shown that transdermally administered hormones are safer than orally administered ones because they do not pose nearly the same blood clotting risk.

*For more information on safety & efficacy of bio-identical hormones, contact pharmacist Brent Murphy on 083 301 8585.*

*For more information on dosages and practical use information, contact pharmacist Wayne Carson on 011 463 0310 or e-mail [pharmacist@compounding.co.za](mailto:pharmacist@compounding.co.za)*

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DHEA

Estriol

Estrone

Estradiol

Testosterone

Progesterone

Pregnenolone