



BODIES WORK BETTER WITH



*Patented formulation, to support oocyte quality and the physiological processes involved in female fertility*

**REFERENCE MARKET**

*Women: with subfertility; preparing for IVF; wanting to optimize their chances of conceiving; Complementary to Proxeed Plus to increase the chances of conception in the couple*

**FORMULATION**

*powder sachet*

**INGREDIENTS:**

<i>L-carnitine</i>	<i>500 mg</i>
<i>L-arginine</i>	<i>500 mg</i>
<i>Acetyl-L-carnitine</i>	<i>250 mg</i>
<i>Vitamin C</i>	<i>90 mg</i>
<i>N-acetyl cysteine</i>	<i>50 mg</i>
<i>Vitamin E</i>	<i>30 mg</i>
<i>Iron</i>	<i>7 mg</i>
<i>Vitamin B5</i>	<i>6 mg</i>
<i>Zinc</i>	<i>5 mg</i>
<i>Beta Carotene</i>	<i>4.8 mg</i>
<i>Vitamin B6</i>	<i>2 mg</i>
<i>Copper</i>	<i>0.5 mg</i>
<i>Folic Acid</i>	<i>200 mcg</i>
<i>Selenium</i>	<i>27.5 mcg</i>
<i>Vitamin D3</i>	<i>5 mcg</i>
<i>Vitamin B12</i>	<i>2.5 mcg</i>

For healthcare professionals only

**RECOMMENDED USE**

*1 sachet/day for 4-6 months or as long as trying to conceive*



[www.sigmatatau-healthscience.com](http://www.sigmatatau-healthscience.com)

**Women's Health**



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The female reproductive cycle is a complex process involving the reproductive organs as well as the complex hormonal and neurotransmitter regulation via the central nervous system (CNS).

Female fertility can be influenced by factors such as nutrition, increased age, pollution, stress, and lifestyle issues. Recent research has shown that nutritional factors are involved in many processes related to female fertility like oocyte quality and maturation, DNA synthesis, implantation, and the hormonal cycle.

Proxeed® Women provides 15 vitamins, minerals and other nutrients specifically designed to support oocyte quality and physiological processes involved in female fertility thereby increasing the chances of conception.

## METABOLIC AND CLINICAL FEATURES

Metabolic function	Ingredients
Supports normal hormonal cycle	Vitamin B6, Vitamin B5, Vitamin C and Vitamin D; Zinc
Protects and maintains quality of oocytes	L-carnitine, acetyl-L-carnitine, Folic acid, Vitamin B12, Vitamin E, Vitamin C
Reduces oxidative stress and supports biological processes for normal functioning of ovaries, uterus and cervix	L-carnitine, acetyl-L-carnitine, L-arginine, iron, selenium, N-acetylcysteine, Vitamin E, Vitamin C

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## EFFECTIVENESS

- Nutrients like folic acid, zinc, Vitamin C, Vitamin E, and Vitamin A play a key role in DNA synthesis, oocyte quality and in reducing oxidative stress thereby having a positive effect on fertility and reproduction.<sup>1</sup>
- Developmental competence of oocytes and early embryo development can be optimized by carnitine supplementation in women undergoing IVF.<sup>2</sup>
- L-carnitine supplementation reduces oocyte cytoskeleton damage and embryo apoptosis and may improve IVF outcomes.<sup>3</sup>

1. Ebisch IM et. al. The importance of folate, zinc and antioxidants in the pathogenesis and prevention of subfertility. Hum Reprod Update. 2007 Mar-Apr;13(2):163-74.

2. Várnagy et al.: Acylcarnitine esters profiling of serum and follicular fluid in patients undergoing in vitro fertilization. Reproductive Biology and Endocrinology 2013 11:67.

3. Mansour et. al. L-carnitine supplementation reduces oocyte cytoskeleton damage and embryo apoptosis induced by incubation in peritoneal fluid from patients with endometriosis. Fertil Steril. 2009 May; 91(5 Suppl):2079-86.

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