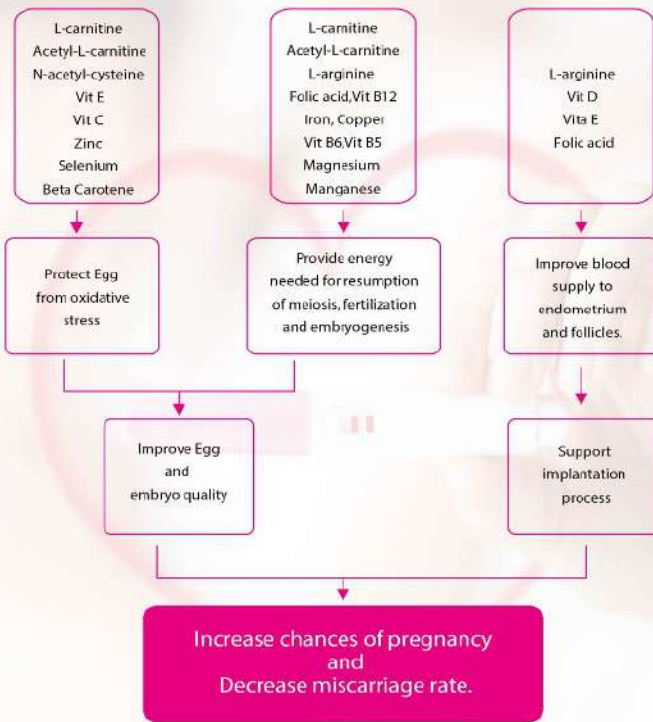


Concepter Women

Multifunction Components System



Concepter Women

Conception Helper For Women



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- During fertilization and formation of **fertilized egg (zygote)**, **sperm** just provides the **genetic material**, but **egg** provides the **genetic material, cell wall & cytoplasm**.

Egg quality is rate-limiting for the:

- 1) Fertilization process.
- 2) Embryogenesis.
- 3) Implant of embryo in endometrium.
- 4) Sustain pregnancy up to a live birth.

**A good egg will give a good embryo
A good embryo will implant and sustain**

Features of normal egg :

Have normal size (120-160 μm) with a roughly spherical in shape.

Have a moderately granular cytoplasm with no vacuoles or refractile bodies.



Have a single non fragmented normal sized first polar body.

Have a round clear zona pellucida.

Major factors affect egg quality:

- **Oxidative stress** is the most common cause of **poor egg quality**.
- **Oxidative stress resulted from:**
 - 1) **Lifestyle factors:** Such as smoking, fast food, processed food, fried and barbequed foods and pollution.
 - 2) **Natural aging** which is strongly tied to mitochondrial dysfunction.
- **Oxidative stress negatively affects egg quality and can lead to egg dysfunction or apoptosis even the ovulated egg.** (1)

Concepter
Women

- **Fertility supplement for women** composed of high-quality nutraceuticals intended to **increase chances of pregnancy and decrease miscarriage rate**.

One sachet of Concepter women contains :

L-Carnitine	500 mg	Vitamin C	100 mg	Vitamin B 5	6 mg
Acetyl-L-Carnitine	250 mg	Vitamin E	30 mg	Vitamin B 6	2 mg
L-Arginine	500 mg	Vitamin D	200 IU	Vitamin B 12	2.5 mcg
N-Acetyl-Cysteine	50 mg	Ferrous sulfate	27.2 mg	Copper	1 mg
Zinc sulfate	25 mg	Folic Acid	400 mcg	Manganese	3.5 mg
Selenium	27.5 mcg	Betacarotene	3000 mcg	Magnesium sulfate	99 mg

Concepter Women mood of action:

- **Concepter Women Increase chances of pregnancy and decrease miscarriage rate by Improving eggs and embryo quality & supporting implantation process by the following actions:**
 - 1- **Protecting eggs from oxidative stress.**
 - 2- **Providing energy needed for resumption of meiosis, fertilization and embryogenesis.**
 - 3- **Improving blood supply to endometrium and follicles.**

Concepter Women Indications:

- **Concepter Women is recommended with following conditions:**
 1. **Women** have risk factors for infertility e.g. over 35 years of age, PCOS & endometriosis.
 2. **Women** have a history of **recurrent miscarriage or abortion**.
 3. **Women have Unexplained Infertility.**
 4. **Women** preparing for an **Assisted Reproductive Technologies (ART)** such as (**IVF, ICSI, IUI**) to **ensure the best possible quality of eggs and an optimum environment for implantation.**

Impact of stress on oocyte quality and reproductive outcome (1)
Morphology of in-vitro matured oocytes: impact on fertility potential and embryo quality (2)