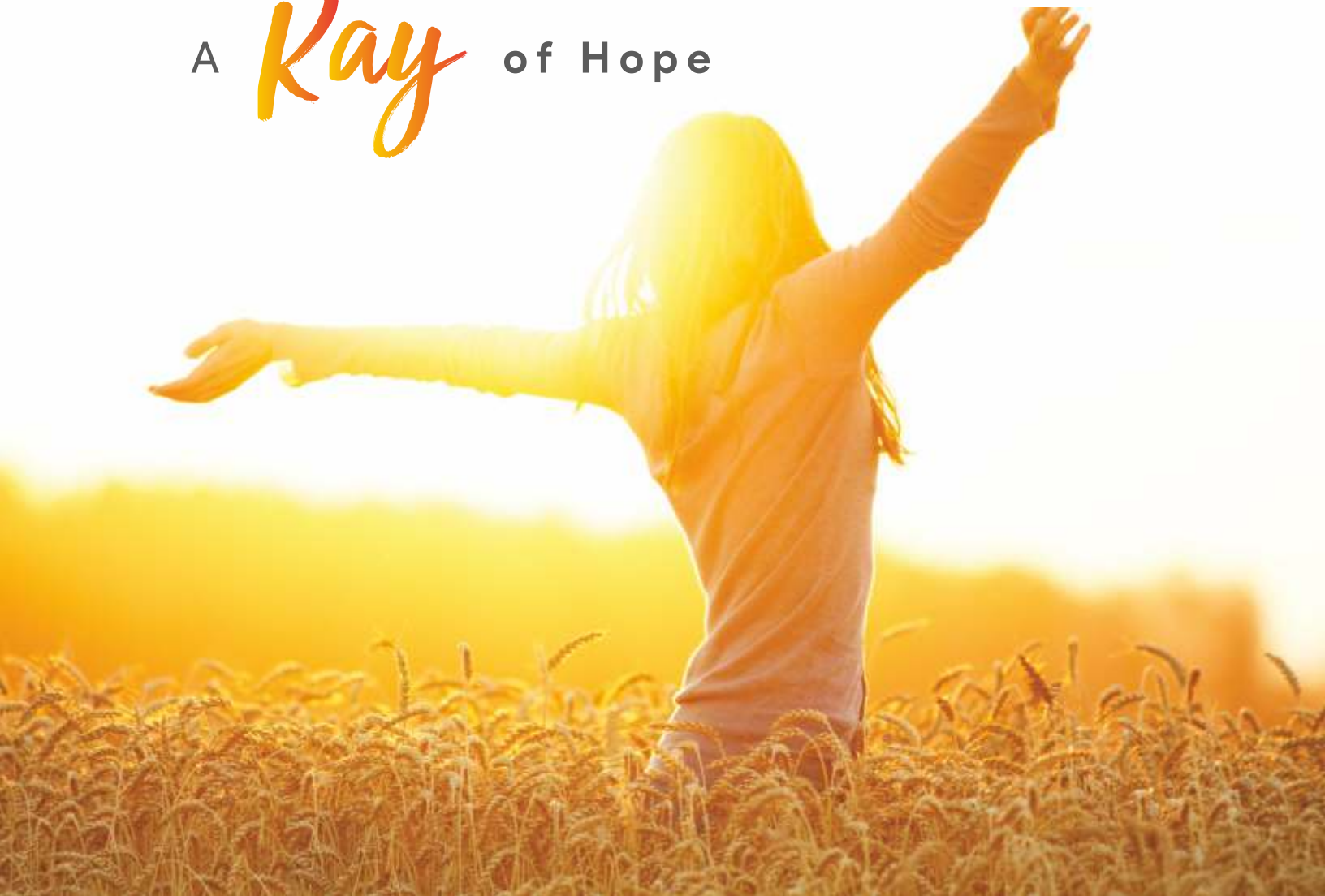


Oropag-F

Amino acids, Vitamins, Minerals and Antioxidants Tablets

A *Ray* of Hope

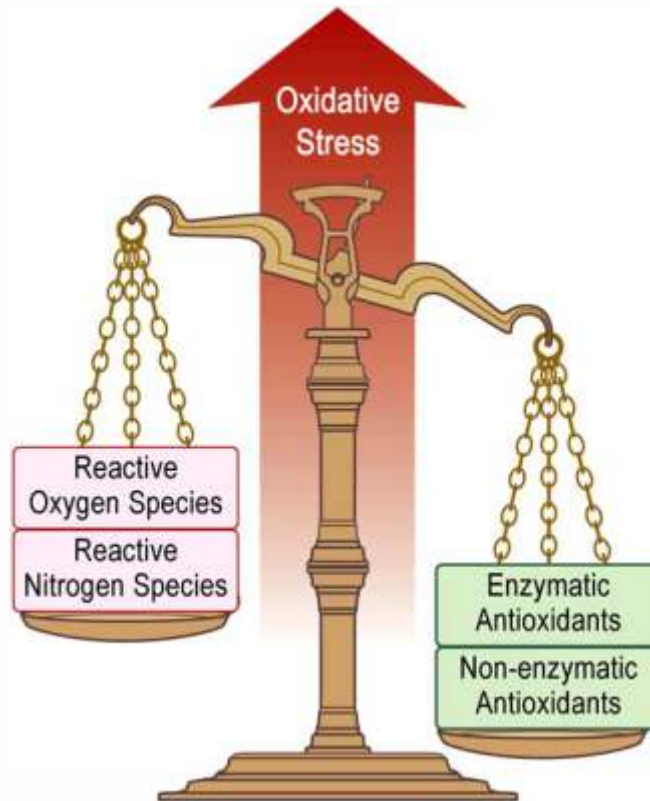


BACKGROUND:

- In the female reproductive system, infertility may be caused by a range of abnormalities of the ovaries, uterus, fallopian tubes, and the endocrine system, among others.
- According to World Health Organization estimate the overall prevalence of primary infertility in India is between 3.9% to 16.8%.

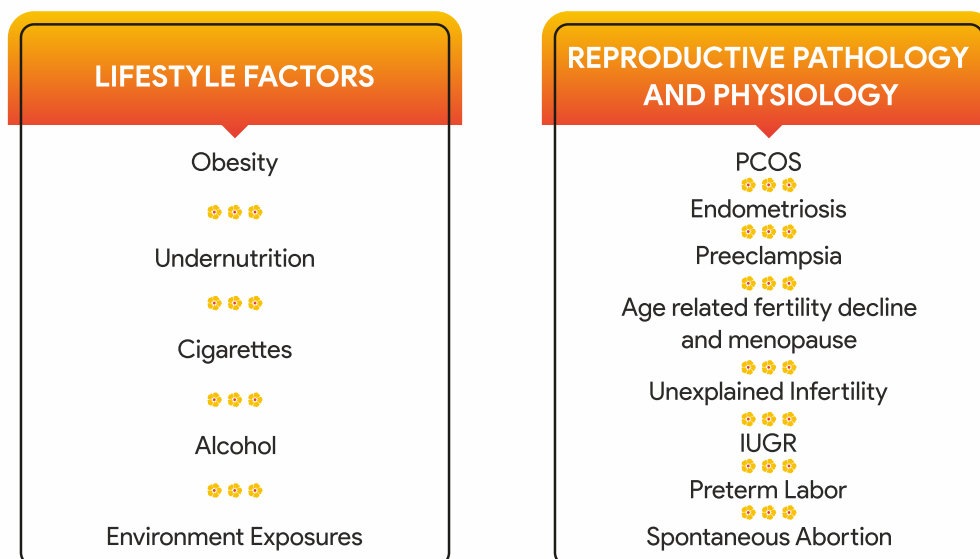
OXIDATIVE STRESS AND INFERTILITY:

Oxidative stress(OS) is the root for many disease conditions such as Infertility. It is caused due to an imbalance between prooxidants and antioxidants. This imbalance is created due to enhanced levels of ROS (Reactive Oxygen Species) and / or RNS (Reactive Nitrogen Species) in plasma and blood of patients.



Oxidative stress occurs when the balance between highly reactive radicals (oxidants) and antioxidants tips towards the oxidants; it negatively contributes to reproductive processes.

CAUSES OF INFERTILITY:



*IUGR: Intrauterine Growth Restriction
*PCOS: Polycystic Ovary Syndrome

Ovopag-F

A *Ray* OF HOPE IN INFERTILITY

Ferric Pyrophosphate

- Restoring iron levels improve pregnancy parameters ¹
- Iron decreases the risk of ovulatory infertility ¹

Astaxanthin

- It acts against oxidative damage through various mechanisms including quenching singlet oxygen, scavenging radicals, inhibiting lipid peroxidation, and regulating OS-related gene expression ²

Zinc

- Zinc serves as a cofactor involved in DNA transcription and protein synthesis ³
- DNA transcription is a major part of germ cell development, hence zinc is important for reproduction ³

Arginine

- Improves ovarian response, endometrial receptivity and pregnancy rate ⁴

Vitamin-B6

- Pyridoxine before pregnancy together with folic acid degrades homocysteine, which is a risk factor for neural tube defects & cardiac malformations ⁵

Lycopene

- Lycopene is a carotenoid & a potent antioxidant ⁶
- Lycopene stops the harmful effects of free oxygen radical ⁶
- Lycopene has protective effect against tissue damage ⁶

Folic Acid

- Folic acid reduces a woman's risk for having a baby with a neural-tube defect ⁷
- Women receiving folic acid had better quality oocytes and a higher degree of mature oocytes ⁷

Selenium

- Selenium help maintain the health of follicular fluid surrounding women's eggs ⁸
- Protects against birth defects and miscarriages caused by DNA damage ⁸

Vitamin-B12

- B12 reduces homocysteine levels linked to a better chance of pregnancy ⁹

Magnesium Oxide

- Mg supplementation during pregnancy may be able to reduce growth restriction of the fetus and preeclampsia and increase birth weight ¹⁰

N-Acetyl Cysteine (NAC)

- NAC is needed for fertile cervical mucus and ovulation ¹¹
- NAC may improve glucose control and peripheral insulin sensitivity in hyperinsulinemic patients ¹¹

Ovopag-F

Amino acids, Vitamins, Minerals and Antioxidants Tablets

DESCRIPTION:

Ovopag-F is a coated tablet consisting of:

Anti-Oxidants

Astaxanthin 4 mg, Zinc 7.5 mg, Lycopene 5 mg,
Selenium 40 mcg, N-Acetyl cysteine 100 mg

Vitamins

Pyridoxine hydrochloride 1.5 mg,
Folic acid 170 mcg, Vitamin-B12 1 mcg

Amino Acid

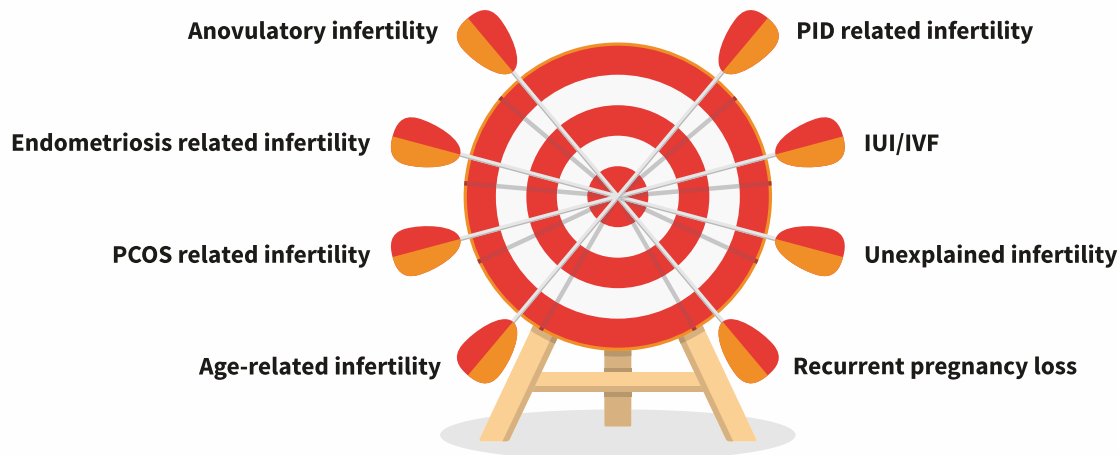
Arginine 5 mg

Minerals

Elemental Iron (Ferric Pyrophosphate) 21 mg,
Magnesium 50 mg

INDICATIONS:

Ovopag-F helps improve reproductive outcomes in:



DOSAGE:

One Tablet per day or as suggested by Healthcare Professional.

PRESENTATION:

Ovopag-F is available as a strip of 10 Tablets.

*PID: Pelvic Inflammatory Disease

*IVF: Invitro Fertilization

*IUI: Intrauterine Insemination

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