

PCOS affects millions of women worldwide



A silent cause for infertility

(One of the leading causes of fertility problems in women)

Clinical Features

- Abnormal menses
- Anovulatory infertility
- Hirsutism and/or acne
 - Central obesity
 - Amenorrhea
- Oligomenorrhea
- Menorrhagia

Endocrine abnormalities on laboratory tests

- Elevated androgen levels (testosterone)
- Elevated LH concentration
- Normal to mildly elevated FSH level
- Insulin resistance with hyperinsulinemia

Normal Ovary



Polycystic Ovary



Ultrasound examination

- Multiple subcortical follicular cysts
- Increased ovarian stromal density and/or volume

Differential Diagnosis

- Congenital adrenal hyperplasia
- Cushing's syndrome
- Adrenal or ovarian tumor
- Prolactinoma

Xena[®]
BioHerbals

Saw Maxx[™]
A Natural support for Ovarian Function

Improve **Quality of Life** and reduce the risk of long-term complications

Rx

Saw MaxxTM

A Natural support for Ovarian Function

SAW MAXX - Minimizes Androgens & Prolactin levels, Improves Insulin Sensitivity, Restores Hormonal Levels (LH). Reduces Hirsutism, and Acne. Reduces Arrests Weight Loss, Improves menstrual regularity.

Saw palmetto: Anti-androgenic; Reduces Male Hormone Testosterone.

Saw palmetto is the effective inhibitor of 5-alpha reductase.

Excessive Androgen > Free Testosterone > is converted to Dihydroxytestosterone by an enzyme called, 5-alpha reductase. 5-alpha reductase is inhibited by Saw palmetto Extract, thus less DHT is produced, which reduces Hirsutism and Acne.

Chasteberry Extract: Effective in restoring Hormonal balance and cycle regularity. Increases the level of Luteinizing Hormone (LH) while gently suppressing the secretion of FSH (follicle stimulating hormone).

Anti-androgenic. Improves Fertility. Regulates the excess Prolactin. Improves menstrual regularity.

UNIQUE FORMULA - SAW PALMETTO, CHASTEBERRY, MYO-INOSITOL, ANTIOXIDANTS, VITAMINS & MINERALS.



Myo-inositol: In PCOS, Insulin resistance & Hyperinsulinemia is due to a D-chiro-Inositol deficiency. D-chiro-Inositol is a component of phosphoglycan that has been shown to mediate the action of Insulin, and thus reduces androgen levels, helps restore ovulatory function, lowers blood pressure, and decreases triglyceride levels. Improves insulin resistance.

N-acetylcysteine: Improves Insulin Sensitivity. Restores Fertility. Reduces Homocysteine levels.

L-arginine: Plays positive role in oocyte maturation and ovulation. Improves Insulin Sensitivity. Combination of N-acetylcysteine & Arginine restores gonadal function in PCOS.

Folic acid, Chromium: Folic acid, Vitamin B₆, Zinc, CoQ10 reduce circulating Homocysteine, help to treat ovulatory infertility, improve Egg quality, reduce obesity and enhance insulin sensitivity.


^{Rx} *Sawe Maxx*TM

**A Natural novel hormonal &
Nutritional Approach to PCOS**

A comprehensive approach addresses multiple issues

Potential beneficial roles of **Selected Nutrients & Botanicals in PCOS**

Composition	Improves Insulin Activity (endocrine)	Improves Blood glucose control (endocrine)	Improves circulating hormone levels (LH & FSH)
Saw palmetto extract (<i>Serenoa repens</i>)	–	–	YES
Inositol	YES	YES	YES
Chasteberry <i>Vitex agnus-castus</i>	YES	–	YES
N-acetylcysteine	YES	YES	YES
L-arginine	YES	–	YES
Chromium picolinate	YES	YES	–
CoQ10	YES	YES	–
Zinc	–	–	YES
Vitamin B ₆	–	–	YES
Folic Acid	–	–	YES
Copper	–	–	–



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