



CHIRODIS

D-chiro-inositol (DCI) and Myo-inositol (MYO), are two inositol stereoisomers, which improve the ovarian function, fertility and they have been proven to be effective in PCOS treatment.

PHYSICOCHEMICAL CHARACTERISTICS

- Soluble
- Compressible

ORIGIN: Carob tree (Europe)

COMMON FORMULATIONS: Tablets, capsules and sachets.



WHAT'S PCOS AND HOW CAN D-CHIRO-INOSITOL HELP

Polycystic ovary syndrome (PCOS) is one of the most common endocrine disorders affecting women of reproductive age.

PCOS is characterized by chronic anovulation, hyperandrogenism, and insulin resistance. It is one of the main causes of infertility due to the menstrual dysfunction and metabolic disorders. Women with PCOS also have an increased cardiovascular risk because of dyslipidemia and insulin resistance, as well as they are also more at risk for suffering spontaneous abortion.

The MYO and **DCI** levels are crucial for a proper tissue function, and polycystic ovary syndrome patients showed an altered MYO/**DCI** ratio.

PCOS

- **DCI** and MYO control key enzymes which are involved in glucose and lipid metabolism.
- A deficiency of **DCI** contributes to insulin resistance. Therefore, it regulates glucose metabolism and insulin sensitivity.
- Administration of **DCI** reduces testosterone, cholesterol and triglycerids levels as well as it increases progesterone levels.
- 64% of women with PCOS, have regulated their menstrual cycles after 6 months of treatment with **DCI**.

FERTILITY

- Evidence suggest that both isoforms of inositol are effective improving ovarian function, folliculogenesis and it regulates menstrual periods.
- The regulation of menstrual cycles increase the mature oocyte and the embryo quality.



Literature available under request.