Primary Ovarian Insufficiency (POI)

POI is the depletion or impaired function of ovarian follicles with cessation of menses before age 40 years. In most patients, the causes are usually unknown. University of Malaya, Faculty of Medicine Department of Medicine senior lecturer and consultant Endocrinologist Dr Lee Ling Lim explained that other possible causes include:

- Chromosomal abnormalities such as Fragile X Syndrome
- Co-occurrence with certain hormonal disorders such as low parathyroid/adrenalin/thyroid hormones usually antibody-related
- Autoimmune: presence of ovarian antibodies
- Damage to the ovaries after chemotherapy or radiation therapy

"Adolescents or young women are usually affected by POI. The most common symptoms is the presence of irregular menses for at least three months, after excluding the use of birth control pills and other hormonal disorders that can affect the menstrual cycle such as high prolactin level and low thyroid hormones. The presence of family history of premature menopause is also suggestive."

The basic blood tests include FSH and oestrogen levels - two random tests which are a month apart, prolactin level and thyroid hormones test.

Treatment

Affected individuals tend to be co-managed by the endocrinologists, fertility specialists and paediatricians specialised in growth and development.

Hormonal therapy is used to replace the oestrogen (female hormone) until the natural age of menopause, for optimal bone health, pubertal growth and sexual maturation, as well as prevention of cardiovascular disease. For the latter, additional strategies include dietary control, regular exercise and smoking cessation. Individuals need to be referred to fertility specialists for advice on the reproductive techniques.

---

Halvec Laboratories
HALAL TEST & APPLICATION FOR HALAL SERVICES

Certified as JAKIM’s Panel Lab, Halvec Laboratories services include Porcine Detection, Alcohol Analysis, Microbiological Analysis, Heavy Metal Analysis, Nutritional Labelling Analysis and other related service.

Process within 14 Working Days

T: +6 03 8025 1603 E: info@halvec.com F: @Halvec_Laboratories

SCHEMES

SCHEME 1 ➤ Certificate of Analysis (COA)
Looking for ways to assist your product certification process at affordable price within short period of time? Look no further as Halvec thrives to produce highly accurate lab analysis reports for your products.

SCHEME 2 ➤ Seal Verification Scheme (SVS)
Halvec Seal Logo is an affordable and effective scheme that reinforces verification and an assurance practice for your product prior to HALAL logo issuance by JAKIM that could enhance your product reliability in the market to win customer’s trust.

SCHEME 3 ➤ Halal Risk Data Sheet (HRDS)
Inspired by the concept of MSDS, Halvec issues HRDS which highlights the possible source of ingredients in the products that could lead to HALAL threat.

www.halvec.com