

PCOS AND INFERTILITY 2004

ARSHA R NAIR

NIVEDITA NAIR

R RAMYA

DR. MINLS.S

ABSTRACT

PCOS is a common endocrinological disorder affecting 6-10% of women in their reproductive age group. PCOS accounts for infertility in 21-22%. The symptoms PCOS, like hirsutism, obesity acne are also highly distressing to young girls. The pathophysiology of this metabolic syndrome is still an enigma.

Objectives

- i) To determine the proportion of female infertility due to PCOS.
- ii) To describe the symptoms associated with PCOS like overweight, hirsutism and menstrual irregularities

Methodology

This was a Hospital based study done during, the period 1st October 2007- 31st January 2008. We collected data from case records of women in the age range of 15-45 years who attended the Infertility Clinics, SATH, TVM during 2005 and 2006, for primary infertility and who had ultrasound evidence of polycystic ovaries.

Observation

The prevalence of PCOS among infertility patients was 18.88%. The percentage of patients presenting with the classical triad of symptoms: menstrual irregularity, obesity, hirsutism was 25.82%.

51.1% of women had obesity, while menstrual irregularity occurred in nearly 70% and hirsutism in 50% of women.

Discussion

The frequency of PCOS in infertility subjects reported by other studies varies from 21-22%, Our result of 18.88% is in accordance with these figures.

Conclusion

PCOS is an important cause for infertility in women of reproductive age group and needs to be investigated for and treated.