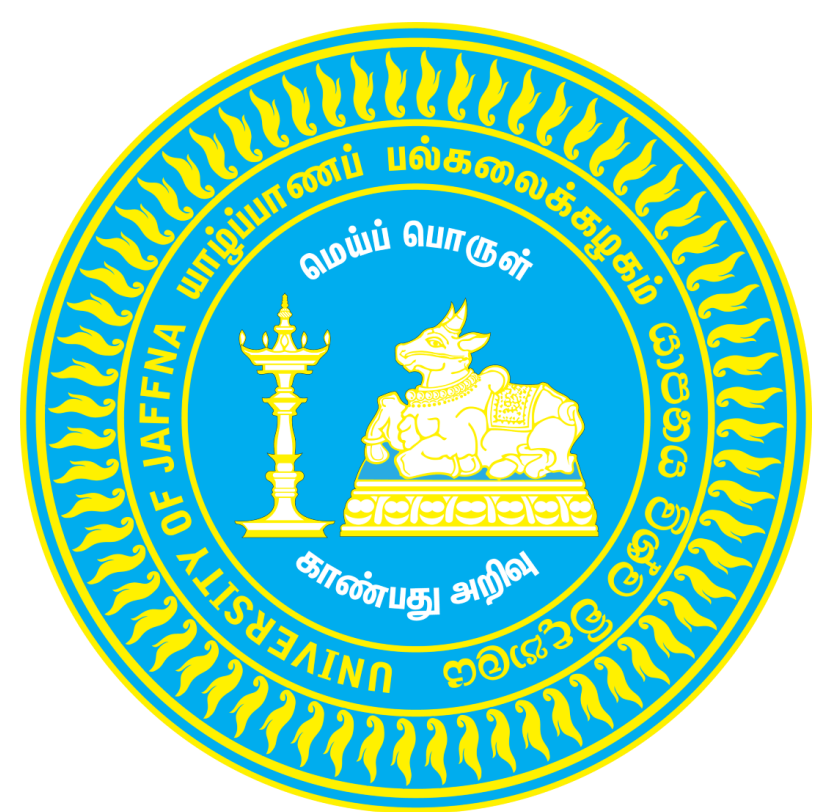




Aetiology of subfertility among couples seeking treatment at a rural hospital in Sri Lanka

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Introduction

- ❖ Globally around 48 million of couples live with infertility in which about 37% of couples having problem with female infertility.
- ❖ Although several factors are affecting the female fertility, the issues with ovulation is a most common cause for subfertility.

Objective

- ❖ To describe the aetiology of subfertility among couples seeking treatment at DGH Mullaithivu.

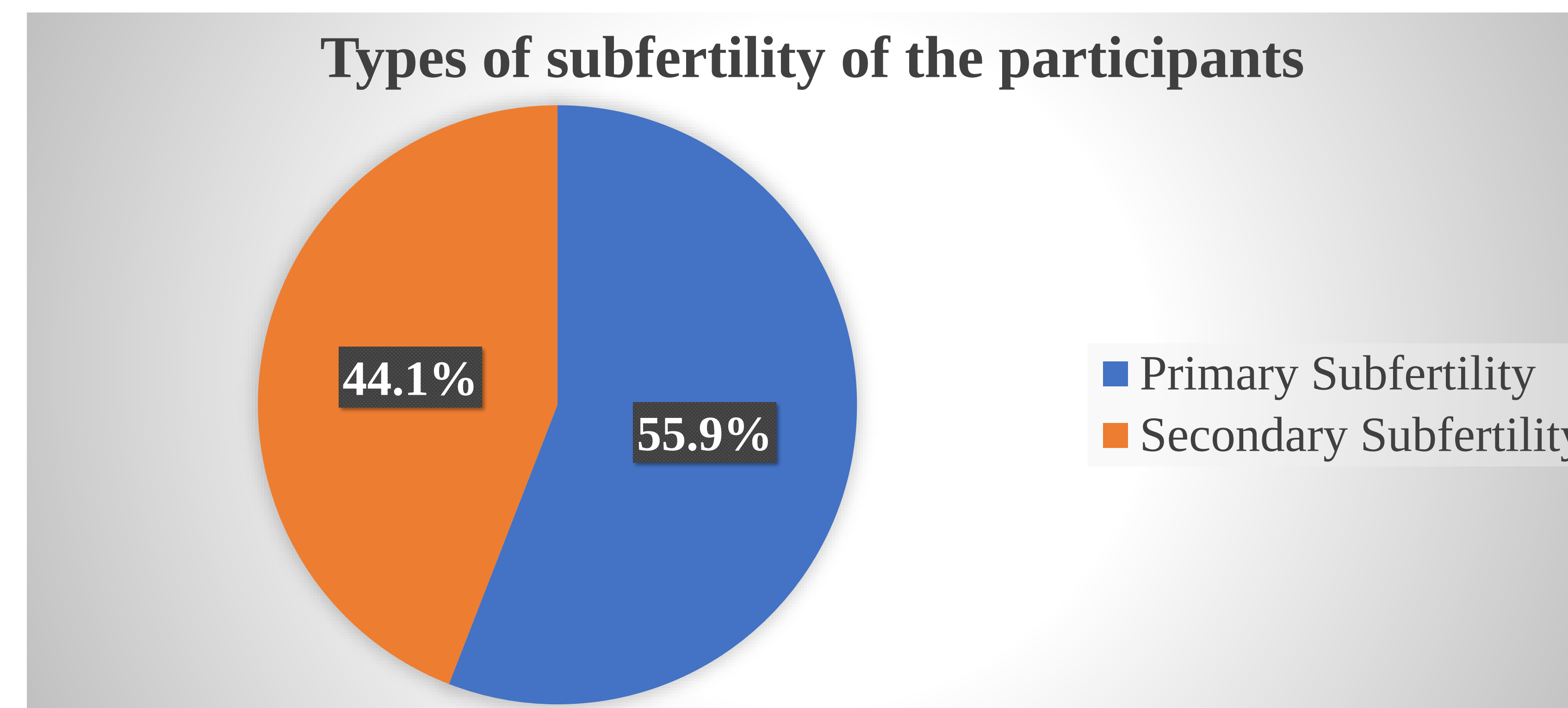
Methodology

- ❖ Design : It is a descriptive cross-sectional study.
- ❖ Setting : DGH Mullaithivu.
- ❖ Population : Couples who are seeking subfertility treatment.
- ❖ Sample size : 68.
- ❖ Period : Conducted from June 2019 to June 2020.
- ❖ Study instrument : An interviewer-administered questionnaire.

- ❖ Data analysis : SPSS statistical software was used to analyze the data.

Results

- ❖ The age of females : 20-47 years and the mean age is 31 years.
- ❖ The age of males : 22-55 years and the mean age is 33 years.



Causes for subfertility	Percentage
Ovulatory disorders	82.4%
Tubal causes	10.3%
Uterine causes	8.8%

- ❖ Only 13.2% of couples were having SFA abnormalities, especially with oligospermia.
- ❖ Among ovulatory disorders women 46.5% underwent only medical ovulation induction treatment and 46.4% underwent medical ovulation induction & laparoscopy drilling.
- ❖ 89.3% of the couple underwent Intra Uterine Insemination treatment.

Conclusion

- ❖ This study revealed that ovulatory causes are the main reason to have subfertility.
- ❖ Medical ovulation induction is the first line of treatment to overcome this issue.
- ❖ Hence awareness program needs to be arranged regarding subfertility and its causes and treatment modalities among health staff as well as among eligible couples to overcome the fertility problem in advanced for a better outcome.