

THE INFORMATION OF DISSERTATION

Doctoral Dissertation Name: **THE PREVALENCE OF INFERTILITY AMONG COUPLES IN REPRODUCTIVE AGE AND THE EFFECTIVENESS OF SOME INTERVENTION SOLUTIONS IN THAI NGUYEN PROVINCE**

Speciality: Public Health

Number code: 9.72.07.01

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Supervisors: **1. Associate Prof. Dr. Le Hoang**
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Training Unit: University of Medicine and Pharmacy

Training Facility: Thai Nguyen University

NEW RESULTS OF THE DISSERTATION

1. This is the first research project to survey the prevalence of infertility among couples in reproductive age at Thai Nguyen province. The infertility rate among couples of reproductive ages was 3.8% (96/2500 couples). Of which primary infertility accounts for 2.1% and secondary infertility accounts for 1.7%.

2. The related factors of infertility among couples in reproductive age included: BMI, History of miscarriage, History of ectopic pregnancy, History of amenorrhea and menstrual cycle characteristics and annual gynecological examination.

3. This is the first study in Thai Nguyen to apply an intervention program to improve the capacity of initial examination and consultation about infertility for primary health care providers to reduce infertility rates. The intervention program is effective in significantly improving the capacity of primary health care providers to examine, consult and treat infertility.

4. Ability to maintain favorable and feasible intervention solutions because of their ease, reasonableness and low cost

APPLICATIONS, APPLICABILITY IN PRACTICE OR UNSOLVED ISSUES THAT NEED FURTHER RESEARCH:

This intervention program has the applicability at primary and secondary health care centers at Thai Nguyen province as well as neighboring provinces. With the above interventions, the maintaining post-intervention activities is very favorable because the activities mainly rely on available resources in the locality, especially receiving consensus from leaders at all levels of the health sector, support and enthusiasm from those participating in the intervention program.

However, a larger-scale study, longer intervention time and intervention evaluation are needed to assess the real effectiveness of the intervention solution in reducing infertility rates in the community.

Confirmation of supervisors

PhD Student



1. **Associate Prof. Dr. Le Hoang**

2. **Dr. Nguyen Thi To Uyen**

Nong Thi Hong Le