



Extramural Project Status

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To: Research srhu <research@srhu.edu.in>

Tue, Aug 27, 2024 at 9:43 AM

Sir,

I am attaching the required progress report of my project from UCOST.

"Hygiene practices and associated risk factors for Urinary tract infections among school-going adolescents of district Pauri & Tehri Garhwal"

Regards

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• **PROJECT TITLE: 'HYGIENE PRACTICES AND ASSOCIATED RISK FACTORS FOR URINARY TRACT INFECTIONS AMONG SCHOOL GOING ADOLESCENTS OF DISTRICT PAURI & TEHRI GARHWAL'.**

○ **U-COST NO: UCS&T/R&D-07/22-23/21059 Dated 31-05-20022**

- There was a significant association between the prevalence of UTI and improper perineal washing technique, the presence of vaginal discharge, and the use of unsanitary pads during menses. Misconceptions included not taking a bath during periods and not eating certain foods. Low socioeconomic status was chiefly responsible for the frequent use of the same piece of cloth as sanitary pads during menstrual bleeding leading to urinary tract infections. UTI was more (7.7%) in malnourished girls than in those with normal nutritional status AS compared to boys. Significantly more (7.7%) girls having symptoms of vaginal discharge were suffering from a urinary infection.
- More cases are needed to meet the outcome as per the project's objectives.

- **DR VINIT MEHROTRA**

AIMS AND OBJECTIVES

1. To study the histomorphological spectrum of ovarian tumors.
2. To demonstrate p53 expression in all cases.

MATERIALS AND METHODS

The study will be carried out in department of Pathology, Himalayan institute of Medical Sciences, Swami Rama Himalayan University, Dehradun. Cases from the department of Pathology of Himalayan Institute of Medical Sciences, Swami Rama Himalayan University, over a period of one year will be included in the study. Written informed consent from the patients and ethical clearance from institutional ethics committee will be taken prior to the procedure.

Study Design:

Type of study: observational, cross-sectional study.

Sample size: The sample size was calculated by the formula

$$n = Z^2_{\alpha/2} pq / l^2$$

n= required sample size

P= Prevalence. The prevalence is 50% (unknown prevalence)

α = Level of significance which is taken to be 5%

I=Relative error (20% of prevalence P)

It yielded a sample size of 56.

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