



TRICHY
SRM
MEDICAL COLLEGE
HOSPITAL & RESEARCH CENTRE



CONSULTANCY PROJECTS - COMPLETED

Trichy SRM Medical College Hospital and Research Centre, Tiruchirapalli

Ref: CP (Consultancy Projects)-01

Institutional Ref.: Dean permission letter dated 26.07.2016

NAME OF THE SCHOLAR : MR. GATTU SAMPATH
DEPARTMENT(S) : MICROBIOLOGY & PATHOLOGY
INSTITUTION : PERIYAR UNIVERSITY, SALEM
PERIOD : 05.12.2016 TO 11.05.2017

TOPIC OF RESEARCH : "ISOLATION AND IDENTIFICATION OF
HELICOBACTER PYLORI IN GASTRIC
BIOPSIES"

GUIDES

CLINICAL GUIDE : Dr. K. SRIDHARAN, GASTROENTEROLOGIST

MICROBIOLOGY GUIDE : Dr. N. PRABHUSARAN,
ASSOCIATE PROFESSOR OF RESEARCH
AND MICROBIOLOGY

NO. OF SAMPLES PROCESSED : 50 GASTRIC BIOPSIES

NO. OF POSITIVE CASES : 12
(SUPPORTED MICROBIOLOGY
AND PATHOLOGY)

ENDOSCOPIC DESCRIPTION

DESCRIPTION	NO. OF CASES
DUODENAL ULCER (DU)	19
GASTRIC ULCER (GU)	3
GASTRIC CANCER	9
BOTH GU AND DU	2
ULCER IN PREPYLORIC REGIONS	6
BOTH PREPYLORIC AND DU	1
GROWTH STOMACH	1





EXCAVATORY ULCER	1
ADENO CARCINOMA	1
UMBILLIATED ULCER	1
SESSILE AUTRUM	1
INFILTRATE GROWTH	1
GASTRIC POLY	1
GASTRIC CANCER	1
DYSPHASIA	
DYSPHASIA AND ULCER	1
GOO	1



PUBLICATIONS MADE

1. Sampath Gattu, **Prabhusaran N**, Sridharan K, Kayalvizhi N. Comparative analysis of the growth of *Helicobacter pylori* in difference blood agar medium. Mintage Journal of Pharmaceutical and Medical Sciences 2017; 6(3): 23-25.
2. Sampath Gattu, Sridharan K, **Prabhusaran N**, Kayalvizhi N. A case study related to the treatment of Esophageal variceal using β blocker and a notion of *Helicobacter pylori* infection. Scholars Journal of Medical Case Reports 2017; 5: 321-323.
3. Sampath G, **Prabhusaran N**, Sridharan K, Kayalvizhi N. An overview of *Helicobacter pylori* infections with special reference to pathogenesis and mechanism of colonization. World Journal of Pharmaceutical and Medical Research 2017; 3: 98-106.

