

**ABSTRACT FOR SUBMISSION OF DESSERTATION TO TAMILNADU  
DR.M.G.R.MEDICAL UNIVERSITY**

**DESSERTATION TOPIC: “A PROSPECTIVE COMPARATIVE STUDY BETWEEN  
STAPLERS AND CONVENTIONAL HAND-SEWN ANASTOMOSIS IN  
GASTROINTESTINAL SURGERY”**

STUDY DURATION: 1 YEAR

STUDY POPULATION: 100 PATIENTS

AIM OF STUDY:

TO COMPARE STAPLERS VERSUS HAND-SEWN ANASTOMOSIS IN  
GASTROINTESTINAL SURGERY WITH RESPECT TO POSTOPERATIVE OUT COME.

CONCLUSION:

OUR STUDY SHOWS STATISTICALLY SIGNIFICANT REDUCTION IN  
OPERATING TIME IN STAPLERS GROUP COMPARED WITH HAND-SEWN  
GROUP.OTHER POST OPERATIVE PARAMETES STATISTICALLY NOT MUCH  
SIGNIFICANT.ALSO STAPLERS HAS AN ADVANTAGE OF APROACING A DIFICULT  
AREAS IN HAND-SEWN GROUP.OTHER ADVANTAGES ARE FOR MORIBOUND  
PATIENT IT IS TIME SAVING.THE MAIN DIS-ADVANTAGE IS COST AND NEEDS  
EXPERTISE IN THIS PROCEDURE.