ABSTRACT

A. NEED FOR THE STUDY:

As post-operative chronic pain following inguinal hernia repair is proposed to be due to nerve entrapment and prophylactic neurectomy can reduce the pain, this study was conducted to find out the effectiveness of post neurectomy pain perception.

B. Aim of the study:

To study the effect of elective neurectomy in postoperative pain perception following lichtenstein's mesh repair.

C. Methods-

All male patients who are fit to undergo elective surgery with in the age of 18-70 years with unilateral inguinal hernia with no complications were taken for the study.

Over a period of six months 50 patients were randomly divided into two equal groups

Group i: (study group) were subjected to elective division of ilioinguinal nerve during Lichenstein's mesh repair

Group ii: (control group) were subjected to preservation of ilioinguinal nerve in lichenstein's mesh repair
D. Period of Study:

Jan 2017- August 1017

E. Type of Study:

comparative study

F. Sample Size: 50

G. Conclusion:

By analyzing the various data’s available, it is concluded that ilioinguinal neurectomy provides chronic pain relief in post lichenstein's mesh repair. Hence should be considered as a method in reducing post-operative inguinodynia.

Key Words

Lichenstein's mesh repair

Elective neurectomy

Inguinodynia

Ilioinguinal nerve

Comparative study