

Hue, October 1, 2015

ORIGINAL SCIENTIFIC CONTRIBUTIONS OF THE THESIS

My name is Nguyen Doan Van Phu

Date of birth: 06-02-1983

Working at: Department of Surgery - Hue University of Medicine and Pharmacy.

I was recognized as a postgraduate student by decision No. 3632 / QD-Hue University of 13/12/2011 from Hue University.

Thesis title: "Applied research in treatment of inguinal hernias by surgery utilizing Mesh-Plug".

Specialization: Abdominal Surgery

Code: 62.72.01.25.

Supervisor:

Assoc. Prof., Dr. Le Loc

The original scientific contributions of the thesis are as follows:

Surgical treatment of inguinal hernia is currently considered as a uniquely available method. In history, there have been more than 100 types of surgical procedures for repairing inguinal hernia. Inguinal hernia surgery is not so dangerous to the lives of patients with inguinal hernia but it cannot produce perfectly good results; recurrence rates are still high, ranging from 1% to 16 %, and there are still many postoperative complications.

The current trend is to use artificial materials in repairing inguinal hernias with open surgery or laparoscopic surgery. Many authors such as Rives, Detrie, Stoppa, Lichtenstein, Shulman ... has created several techniques for placing surgical mesh and obtained certain positive results. However, even now there are still many controversies on the treatment of inguinal hernia in the world.

Lichtenstein in 1989, Gilbert in 1992, and Rutkow and Robbins 1993 argued that Mesh-Plug should be used in treating inguinal hernia and since then the method has been applied widely in the world. But in Vietnam Mesh-Plug method is still relatively new, not yet widely applied.

The thesis is based on the research on 135 patients with 149 cases of inguinal hernia surgically treated for patients of all ages, types of hernia. Long follow-up time helps to make certain contribution to research in Mesh-Plug technique in order to enrich the methods of repairing inguinal hernia in Vietnam.

The thesis also examined in detail the clinical and preclinical characteristics of these cases of inguinal hernia repaired by surgery utilizing Mesh-Plug. In this study, 16 patients who suffered recurrent hernia were examined described, evaluated and carefully monitored during and after surgery. The information provided by this research will help contribute to the treatment of inguinal hernia by surgery in Vietnam, especially recurrent inguinal hernia - a top issue of inguinal hernia pathology.

What mentioned above is the original contributions of the thesis. I would like the Jury board approve and permit me to defend this thesis before the PhD thesis Jury Board of Hue University.

I really appreciate your consideration.

NGUYỄN ĐOÀN VĂN PHÚ