

INFORMATION PAGE ON NEW CONTRIBUTIONS OF THE DISSERTATION

Title of the dissertation: *“Study on the outcomes of laparoscopic distal gastrectomy with D2 lymphadenectomy in the treatment of gastric cancer.”*

Speciality: Surgery

Code: 9720104

Full name of the PhD candidate: Đặng Đình Khoa

Full name of scientific supervisors:

1. Assoc. Prof. Dr. Nguyễn Văn Hương

2. Assoc. Prof. Dr. Phạm Văn Duyệt

Training institution: Hai Phong University of Medicine and Pharmacy

Summary of new contributions of the dissertation

Demonstrated the feasibility and safety of totally laparoscopic D2 lymph node dissection with Billroth II reconstruction with afferent-loop suspension at the provincial level.

Standardized a 10-step procedure with technical modifications under limited-resource conditions (left liver lobe suspension, suprapancreatic manipulation, sequence of lymph node dissection, performing anastomosis before gastric and duodenal transection, afferent-loop suspension to the gastric transection device), reducing treatment costs by decreasing the number of staplers used, and limiting the rates of reflux gastritis and gastric stasis.

Added data on group-specific lymph node metastasis distribution in the Vietnamese population and the association between tumor size/node status and survival.

Confirmed the benefit of postoperative adjuvant chemotherapy in routine practice, strengthening the multimodal treatment strategy.

Scientific Supervisor 1

Scientific Supervisor 2

PhD Candidate

Assoc. Prof. Dr. Nguyễn Văn Hương

Assoc. Prof. Dr. Phạm Văn Duyệt

Đặng Đình Khoa