

THE NEW MAIN SCIENTIFIC CONTRIBUTION OF THE THESIS

Name of thesis: *Research and application of laparoscopic Heller myotomy with fundoplication for Achalasia.*

Specialty: Surgery

Code: 9720104

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Summary of new main scientific contribution of the thesis

The dissertation provides systematic, real world data on the safety and effectiveness of Laparoscopic Heller Myotomy with Dor fundoplication at a provincial hospital in Vietnam. This research fills a data gap by demonstrating the successful implementation of this complex surgical technique in provincial hospitals.

It proposes an effective diagnostic protocol for achalasia based on clinical symptoms, contrast enhanced esophageal X-ray, and esophagogastroduodenoscopy in the context of limited access to high-resolution esophageal manometry.

The findings affirm the technical feasibility and efficacy of Laparoscopic Heller Myotomy with Dor fundoplication, even under constraints in diagnostic equipment. This offers broader access to advanced treatment for more patients, alleviates the burden of referrals to central facilities, and carries significant implications for developing countries.

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