

SUMMARY OF NEW CONTRIBUTIONS OF THE THESIS

Thesis Title: *“Study on the values of Endoscopic Ultrasonography and Endoscopic Ultrasonography – Guided Fine Needle Aspiration in Pancreatic Cancer Diagnosis”*

Code of Field Study: 62720143

Major: Internal Gastroenterology

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Place of Education : Hanoi Medical University

Summary of New Contributions of the Thesis:

- The study on the values of Endoscopic Ultrasonography (EUS) has been one of the first studies in Pancreatic Cancer Diagnosis (PCD) in Vietnam. The study on the Endoscopic Ultrasonography – Guided Fine Needle Aspiration (EUS - FNA) has been the first study in PCD in Vietnam.

- The study has proved that the application of EUS and EUS - FNA to Pancreatic Cancer Diagnosis is safe. There has been no complication to be treated in 73 EUS times and 94 EUS - FNA times for 62 patients.

- EUS has been a reliable method in Pancreatic Cancer Diagnosis. Results of the study have demonstrated that the sensitivity is 92.9%, the specificity is 76.5%, and the accuracy is 89.0%.

- EUS has especial merit in PCD of small size tumors (Diameter ≤ 2 cm). The sensitivity is 87.5%, the specificity is 66.6%, and the accuracy is 81.8%.

- EUS – FNA in PCD has obtained the sensitivity is 63.0%, the specificity is 100%, and the accuracy is 75.6%.

It has been concluded that the values obtained by EUS and EUS – FNA are more reliable in comparison with those obtained by US, CT/MRI methods in PCD.

It has also been concluded that EUS provides more exact values than other diagnostic methods (US, CT/MRI) in PCD with small size tumors (Diameter ≤ 2 cm).

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