

Luong Viet Thang

Lecturer | Medical Scientist | Physician

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📍 19/107 Duy Tan, Hue, Vietnam

As a physician and lecturer in Internal Medicine, I am passionate about advancing cardiovascular research, particularly in heart failure, hypertension, echocardiography, and cardiovascular risk. My interest also extends to the interplay between cardiovascular diseases and comorbidities such as diabetes, metabolic disorders and gastroenterology. Pursuing a PhD will provide me with the opportunity to deepen my knowledge, refine my skills, and enhance my ability to collaborate with experts. This foundation will enable me to tackle pressing challenges in cardiology, improve patient care, and contribute meaningfully to scientific advancements in the field.



EDUCATION

Master of Medicine (Internal medicine)

2019 – 2022

University of Medicine and Pharmacy, Hue University, Hue, Vietnam

Doctor of Medicine

2013 – 2019

University of Medicine and Pharmacy, Hue University, Hue, Vietnam

WORK EXPERIENCE

Hue Central Hospital, Hue, Vietnam

2022 – Present

Physician

Hue University of Medicine and Pharmacy Hospital, Hue, Vietnam

2019 – Present

Physician

ACADEMIC EXPERIENCE

Department of Internal Medicine, University of Medicine and Pharmacy, Hue University, Hue, Vietnam

2019 – Present

Lecturer (Internal Medicine and Pre-clinical Internal Medicine)

Faculty of Medicine, Duy Tan University, Da Nang, Vietnam

2021 – Present

Adjunct Lecturer (Internal Medicine and Pre-clinical Internal Medicine)

CERTIFICATIONS

Medical Education Certifications

Professional Lecturer Qualification Certificate, Clinical Teaching and Learning Methods Certificate, Pedagogical Skills Certificate. **2019 - Present**

Medical Certifications

Basic and Advanced Echocardiography, Basic and Advanced Electrocardiography, Basic of Medical Science Course on Microbiome, Basic Gastrointestinal Endoscopy, General Ultrasound. **2019 - Present**

PUBLICATIONS

Published

1. Dang HNN, **Luong TV**, Ho BA. Evaluation of the relationship between left atrial stiffness, left ventricular stiffness, and left atrioventricular coupling index in type 2 diabetes patients: a speckle tracking echocardiography study. *Front Cardiovasc Med*. 2024 Apr 25;11:1372181. doi: 10.3389/fcvm.2024.1372181. PMID: 38737712; PMCID: PMC11084270. **Corresponding Author**
2. Dang HNN, **Viet Luong T**, Cao MTT, Bui VT, Tran TT, Nguyen HM. Assessing red blood cell distribution width in Vietnamese heart failure patients: A cross-sectional study. *PLoS One*. 2024 Jul 23;19(7):e0301319. doi: 10.1371/journal.pone.0301319. PMID: 39042640; PMCID: PMC11265657. **First Author**
3. Dang HNN, **Luong TV**, Nguyen Khoi Q, Nguyen UNP, Pham NNK, Tran HTN, Tran HK, Cao MTT, Ho BA, Doan TC, Nguyen HM, Anh Hoang T, Van Huynh M. Alterations in aortic elasticity indices among type 2 diabetes patients in a low and middle income country using M-mode echocardiography: A cross-sectional comparative study. *PLoS One*. 2024 Oct 24;19(10):e0305799. doi: 10.1371/journal.pone.0305799. PMID: 39446822; PMCID: PMC11500911. **First Author**
4. Nguyen Ngoc Dang, H., **Viet Luong, T.**, Kiem Pham, A. et al. Exploring the bidirectional link between erectile dysfunction and 10-year cardiovascular risk in men with diabetes and hypertension. *Sci Rep* 14, 28816 (2024). <https://doi.org/10.1038/s41598-024-78182-z> **First Author**
5. Dang, H. N., **Luong, T. V.**, & Tran, T. T. (2024). Evaluating left atrial function changes by speckle tracking echocardiography in type 2 diabetes patients in Central Vietnam: A cross-sectional comparative study. *The Egyptian Heart Journal*, 76(1), 1-9. <https://doi.org/10.1186/s43044-024-00470-w> **Co-Author**
6. Doan CT, Tran KH, **Luong VT**, Dang-Nguyen NH, Ton-Nu V. Efficacy of Artificial Intelligence Software in the Automated Analysis of Left Ventricular Function in Echocardiography in Central Vietnam. *Acta Inform Med*. 2023;32(1):32-36. doi: 10.5455/aim.2024.32.32-36. PMID: 38585607; PMCID: PMC10997171. **Co-Author**
7. Dang HNN, **Luong TV**, Tran TT, Hoang TA. The correlation between liver fibrosis and the 10-year estimated risk of cardiovascular disease in adults with metabolic-associated fatty liver disease: A cross-sectional study in Vietnam. *Health Sci Rep*. 2024 May 8;7(5):e2102. doi: 10.1002/hsr2.2102. PMID: 38725561; PMCID: PMC11079443. **Co-Author**
8. Luong TV, Nguyen NVD, Le LD, Nguyen Hoang Minh H, Dang HNN. Enhancing global hepatocellular carcinoma management: Bridging Eastern and Western perspectives on dexamethasone and N-acetylcysteine before transarterial chemoembolization. *World J Gastroenterol* 2024; 30(47): 4983-4990. doi:10.3748/wjg.v30.i47.4983. **First Author**
9. Nguyen NTY, **Luong TV**, Nguyen DX, Le LD, Dang HNN. Understanding gastric metastasis of small cell lung carcinoma: Insights from case reports and clinical implications. *World J Gastroenterol* 2024; 30(47): 5092-5096. DOI: 10.3748/wjg.v30.i47.5092 **Corresponding author**
10. Hoang AT, Bui TV, Ho HB, Pham TMD, Le TPT, Cao TTM, Dang NNH, Luong VT, Huynh TNG. The association of red cell distribution width with high cardiovascular risk according to SCORE2, SCORE2-OP scoring systems in hypertensive patients. *Vietnam Medical Journal*. 2024; 544 (Special Issue), 5-11. Retrieved from <https://tapchihocvietnam.vn/index.php/vmj/article/view/11645> **Co-Author**
11. **Thang LV**, Hai DNN. Research for the value and safety of endoscopic ultrasound and endoscopic ultrasound fine-needle aspiration (EUS-FNA) in the diagnosis of pancreatic cancer. *Vietnam Journal of Community Medicine*. 2023;64(Special Issue 9):115-123. **First Author**

12. Hai DNN, **Thang LV**. Early identification of left atrial functional abnormalities by two-dimensional speckle tracking echocardiography in patients with type 2 diabetes mellitus. *Vietnam Journal of Community Medicine*. 2023;64(Special Issue 9):139-145. **Co-Author**
13. K Vinh, **TL Viet**, HT Van. Research for clinical, biological and endoscopic ultrasound characteristics of pancreatic tumors. *Journal of Medicine and Pharmacy* 13 (01), 77. DOI: 10.34071/jmp.2023.1.11 **Co-Author**
14. Dang, H. N. N., **Luong, T. V.**, Pham, N. C., Tran, H. T. N., Hoang, T. A., Ho, B. A., ... & Nguyen, H. M. (2025). Double-Kissing Crush Versus Provisional Stenting for Coronary Bifurcations: A 1-Year Follow-up Study in Vietnam. *Journal of the Society for Cardiovascular Angiography & Interventions*, 102500. **First Author**
15. **Luong TV**, Le LD, Nguyen NVD, Dang HNN. Persistent challenges in the diagnosis of acute pancreatitis due to primary hyperparathyroidism during pregnancy. *World J Gastroenterol* 2025; 31(7): 100973. DOI: 10.3748/wjg.v31.i7.100973 **First Author**
16. Nguyen Tran T, **Luong TV**, Nguyen NVD, Dang HNN. Complex relationship between childhood obesity and the gut microbiota. *World J Clin Pediatr* 2025; 14(2): 100975. DOI: [10.5409/wjcp.v14.i2.100975](https://doi.org/10.5409/wjcp.v14.i2.100975) **Corresponding author**
17. **Viet Luong T**, Nguyen Ngoc Dang H, Nguyen Thi Bich N, Le Viet Tuan Q, Le MT. Quantifying Left Atrial Dysfunction in Heart Failure: A Single-Center Study Comparing Heart Failure with Preserved and Reduced Ejection Fractions via Speckle Tracking Echocardiography. *Journal of Diagnostic Medical Sonography*. 2025;0(0). doi:10.1177/87564793251336381 **First Author**
18. Hai Nguyen Ngoc Dang, **Thang Viet Luong**, Nhi Thi Y Nguyen, Hung Khanh Tran, Hieu Thi Nguyen Tran, Hung Minh Vu, Thanh Van Ho, Ngoc Thi Minh Vo, Thanh Thien Tran, Toan Song Do, Van Thi Thuy Phan, Tien Anh Hoang, Phuoc Le Huu, Binh Anh Ho, Hung Minh Nguyen - Assessment of the right ventricular strain, left ventricular strain and left atrial strain using speckle tracking echocardiography in patients with chronic obstructive pulmonary disease: *BMJ Open Respiratory Research* 2025;12:e002706. **First Author**
19. **Luong TV**, Cao MTT, Nguyen NVD, Dang HNN, Nguyen TT. Roles of autophagy and long non-coding RNAs in gastric cancer. *World J Gastroenterol* 2025; 31(11): 101124. DOI: 10.3748/wjg.v31.i11.101124 **First Author**
- In Press**
1. **Luong TV**, Hoang TA, Pham NN, Nguyen STM, Tran QB, Nguyen HM, Doan TC, Ho BA, Dang HNN. Eosinophilic myocarditis due to parasitic infection: A case-based minireview. *World J Cardiol* 2025; In press **First Author**
2. **Luong TV**, Tran H, Hoang Thi BN, Vu HM, Le TT, Le TT, Tran Thi HT, Nguyen HM, Doan TC, Ho BA, Hoang TA and Dang HNN. Integrating Liver and Heart Health: Cardiovascular Risk Reduction in Patients with Metabolic-associated Steatotic Liver Disease (MASLD). *World J Cardiol* 2025; In press **First Author**
3. **Luong TV**, Nguyen NPH, Nguyen TV, Tran DH, Nguyen TD and Dang HNN. Gray zone and the need for expansion in chronic hepatitis B - from theory to clinical practice. *World J Hepatol* 2025; In press **First Author**

4. **Luong TV**, Hoang TA, Le NHN, Nguyen HC, Pham NNK, Dang HNN. Continuous Positive Airway Pressure (CPAP) Therapy for Patients with Obstructive Sleep Apnea and Coronary Artery Disease. *World J Cardiol* 2025; In press **First Author**

Under review

1. Nguyen Ngoc Dang H, **Viet Luong T**, Khanh Tran H, Ha Tuyet Le N, Hoang Nhat Nguyen M, Chi Doan T, Minh Nguyen H. Left Atrioventricular Coupling Index in Heart Failure Patients Using Echocardiography: A Simple Yet Effective Metric. medRxiv. 2024 Jun 28:2024-06. **First Author**

2. Nguyen Ngoc Dang H, **Viet Luong T**, Ho BH, Anh Hoang T, Xuan Mai A, Minh Nguyen H. Comparing the value of left atrial strain and HFA-PEFF score in diagnosing heart failure with preserved ejection fraction: a cross-sectional study. medRxiv. 2024 May 16:2024-05. **First Author**

Forthcoming

1. Dang HNN, **Thang VL**. Aggressive LDL-C Control and Major Cardiovascular Events in Patients with Heart Failure with Preserved Ejection Fraction (HFpEF) **First Author**

2. Dang HNN. **Thang VL**. Malnutrition and Major Cardiovascular Events in Patients with Heart Failure with Preserved Ejection Fraction (HFpEF). **First Author**

3. Dang HNN. **Thang VL**. The Role of Heart Rate in Predicting Major Cardiovascular Events in Patients with Heart Failure with Preserved Ejection Fraction (HFpEF). **First Author**

4. Dang HNN. **Thang VL**. The Role of Sodium-Glucose Cotransporter-2 (SGLT2) Inhibitors in Patients with Atrial Fibrillation. **First Author**

5. Dang HNN. **Thang VL**. Cardiovascular risk assessment using the PREVENT models in diabetic patients in a low-to-middle income country: A multicenter observational study. **First Author**

CONFERENCE PRESENTATIONS

The 7th National Congress of Vietnamese Society of Ultrasound in Medicine **2025**

The 16th Central and Highland Vietnam Open Congress on Endocrinology - Diabetes - Dysmetabolism **2025**

New Trends in Cardiovascular Diseases Congress 2025 (NTCC 2025) **2025**

2nd International Webinar on Heart and Cardiovascular Disease **2024**

27th ASEAN Federation of Cardiology Congress (AFCC) **2023**

The 19th Vietnam National Congress of Cardiology **2024**

1st Vietnam Heart Failure Conference **2024**

6th Vietnam Hypertension Conference **2024**

2nd Vietnam Atherosclerosis Conference **2024**

1st Vietnam Atherosclerosis Conference **2023**

3rd Expanded Imperial City Cardiology Conference **2024**

Hanoi Cardiology Conference **2023**

15th Anniversary Scientific Conference, Vinh University Hospital **2023**

12th Expanded Central Vietnam Cardiology Conference **2022**

AWARDS

1. First Prize - English Scientific Research Competition, The 16th Central and Highland Vietnam Open Congress on Endocrinology – Diabetes - Dysmetabolism 2025
2. First Prize - English Scientific Research Competition, The 7th National Congress of Vietnamese Society of Ultrasound in Medicine 2025
3. Second Prize – Young scientist’ reports session, New Trends in Cardiovascular Diseases Congress 2025 2025
4. First Prize – Young Scientists Session, 6th Vietnam Hypertension Conference 2024
5. Third Prize – Young Scientists Session, 2nd Vietnam Atherosclerosis Conference 2024
6. Young Investigators Award, The 19th Vietnam National Congress of Cardiology 2024

PROFESSIONAL MEMBERSHIP

Vietnam National Heart Association	2024
Thua Thien Hue Cardiovascular Association	2023
Heart and Metabolic Innovations Research Team (HAMIRT)	2025

OTHER PROFESSIONAL EXPERIENCE

Reviewer for World Journal of Cardiology, World Journal of Diabetes, World Journal of Gastroenterology, World Journal of Hepatology, Health Science Reports, Journal of Clinical Ultrasound: Sonography and other Imaging Technique, Discover Oncology	2024 -2025
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SKILLS

Interdisciplinary Research
Collaboration and Teamwork
Scientific Writing and Publishing
Data Analysis and Interpretation (SPSS, GraphPad Prism, MedCalc)
IT Proficiency (Microsoft Word, Excel, PowerPoint)
Public Speaking and Presentation