

## NEW CONTRIBUTIONS OF THE THESIS

Full name of PhD student: NGUYEN VAN TRI

Doctoral thesis title: “*Study on the prognostic value of thrombomodulin in acute kidney injury and mortality in patients with sepsis.*”

Specialty: Internal Medicine

Code: 9 72 01 07

Conducted under the guidance of Assoc. Prof. Dr. HOANG BUI BAO

Name of training institution: Hue University of Medicine and Pharmacy,  
Hue University.

### **New contributions of the thesis:**

1. This is the first study in Vietnam to determine the normal range of serum thrombomodulin levels in healthy Vietnamese individuals.
2. This is the first study in Vietnam to evaluate the value of serum thrombomodulin in patients with sepsis, septic shock, sepsis with and without acute kidney injury, and in both survivors and non-survivors of sepsis.
3. The study contributes to clinical practice by demonstrating the correlation between serum thrombomodulin concentration and several clinical and paraclinical parameters in sepsis patients admitted to intensive care units.
4. The study provides scientific data and practical clinical applications for both Vietnamese and global medicine. It offers sensitivity, specificity, positive predictive value, negative predictive value, area under the ROC curve, cut-off value, odds ratio (OR), and hazard ratio (HR) of serum thrombomodulin in the early prediction of acute kidney injury, septic shock, and mortality in sepsis patients in intensive care units.

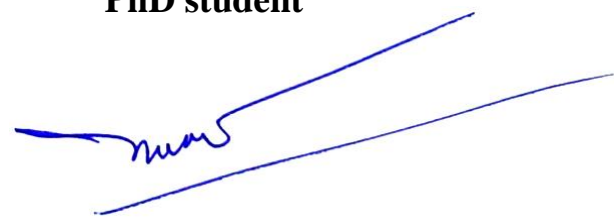
*Hue City, June 3<sup>rd</sup>, 2025*

**Supervisor**



**Assoc. Prof. Dr. Hoang Bui Bao**

**PhD student**



**Nguyen Van Tri**