

## **THE NEW MAIN SCIENTIFIC CONTRIBUTION OF THE THESIS**

Name of thesis: Intravenous pulse cyclophosphamide and prednisolon and the changes of some immunological parameters in treatment of steroid dependent idiopathic nephrotic syndrome and resistant idiopathic nephrotic syndrome in children.

Speciality: Pediatric

Code: 62.72.01.35

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Educational foundation: Haiphong University of Medicine and Pharmacy

### **Summary of new main scientific contribution of the thesis**

1. This is the first research in the country to study the effect of intravenous cyclophosphamid in combination with prednisolon in the treatment of steroid dependent idiopathic nephrotic syndrome and resistant idiopathic nephrotic syndrome in children and has obtained certain results.

2. This is the first study to systematically study the changes in humoral and cellular immunity in Vietnamese children. The results may contribute to the study of pathogenesis mechanisms of the disease; as a basis for applying immunosuppressive drugs, immunomodulatory and immune stimulation to treat idiopathic nephrotic syndrome. At the same time contribute to diagnosis, progress monitoring and prognosis of this disease. The thesis also contributes to supplement some immunological characteristics of idiopathic nephrotic syndrome in Vietnamese children in general literature.

3. This is the first project in the country to apply flow cell counting techniques to study the subtypes of T lymphocytes (TCD3, TCD4 +, TCD8 +) in patients with idiopathic nephrotic syndrome. The study was highly appreciated in Hai Phong City and selected as one of the typical research projects of the city.

**Name of supervisor**

*(Name and signature)*

**Name of graduate student**

*(Name and signature)*