

INFORMATION OF DESEARTATION

Doctoral dissertation name: **CURRENT SITUATION AND EFFECT OF PREVENTION'S INTERVENTIONS IN PRIMARY SCHOOL PUPILS IN THAI NGUYEN**

Specialization: Public Health

Code: 9.72.07.01

Name of PhD. student: Trinh Minh Phong

Supervisors: 1. Assoc. Prof. TS. Nguyen Thanh Trung

2. Prof. Hoang Khai Lap

Training unit: University of Medicine and Pharmacy

Training institution: Thai Nguyen University

NEW RESULTS OF THE DESEARTATION

1. This is the first study in Thai Nguyen to confirm the prevalence of scoliosis in primary school' pupils in Thai Nguyen province and determined the overall scoliosis prevalence's rate of primary school students was 9.2%.

2. This is one of the first studies in Thai Nguyen to evaluate the knowledge – attitude – practice of pupils and caregivers about scoliosis prevention and determined:

Students have fair knowledge of scoliosis prevention were 61.2%, 52.1% had fair level of attitude and fair level of practice accounted for 34.2%.

Caregivers of students have fair knowledge level of scoliosis prevention were 71.2%, 81.4% fair level of attitude and fair level of practice accounted for 43.2%.

3. Factors related to scoliosis in primary school students identified in this study include:

Pupil's factors: Gender, age, sitting for a long time, improper sitting posture, knowledge and practice of scoliosis prevention level of students.

School's facilities: Height of tables and chairs

Caregiver's factors: Practice scoliosis prevention for pupils of the caregivers.

4. Research has developed interventions that have been shown to be effective in improving the knowledge, attitudes and practices of pupils and caregivers and reducing the severity of scoliosis in students.

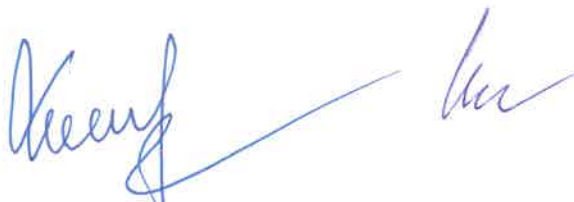
APPLICATIONS, PRACTICAL APPLICABILITY OR OUTSTANDING ISSUES THAT NEED TO BE FURTHER RESEARCHED

The interventions developed in this study can be applied in primary schools to improve the knowledge – attitudes – practices of pupils and caregivers as well as reduce the severity of scoliosis of pupils.

Applying this intervention to other participants of students needs to be further studied to evaluate its effectiveness.

Confirmation of Supervisors

PhD Student



Nguyen Thanh Trung

Hoang Khai Lap



Trinh Minh Phong