

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

Name of thesis: *“The status and intervention effectiveness of allergic rhinitis in stuffed animal workers in Hai Phong”*.

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

The result of this research has contributed to the national data on the overall assessment of the working environment and the status of AR caused by cotton dust to workers in stuffed animal factory as well as identified the relevant factors and the influence of the media intervention. This is a trustworthy reference for related research in specialized fields as well as in medicine.

The study results showed that the percentage of allergic rhinitis caused by cotton dust rate in workers was 20,2%. And workers suffered from allergic rhinitis caused by cotton dust had the rate of itchy nose, rhinorrhea, sneeze and nasal congestion symptoms were 98,3%; 97,7%; 95,9% and 91,3%, in respectively. Workers had the higher seniority; Workers having personal and/or family allergic history had higher risks of allergic rhinitis caused cotton dust.

This study illustrated the positive models of media intervention by healthcare education combining with nasal irrigation is effective and feasible, contributed to the health care of workers which can be applied in other stuffed animal factories with high risk of allergic rhinitis caused by cotton dust.

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