

#C 845379 : MAJOR MEDICINE / DERMATOLOGY

KEY WORD: HAND ECZEMA/ STANDARD PATCH TEST

JONGKONNEE WONGPIYABOVORN : RATE OF POSITIVE STANDARD PATCH TEST AND THE CLINICAL FACTORS INFLUENCING THE RESULT OF THE TEST IN HAND ECZEMA PATIENTS. THESIS ADVISOR : ASSOCIATE PROFESSOR WANNASRI SINDHUPHAK. 63 pp. ISBN 974-637-287-4

To determine whether the standard patch test could be the routine investigation for hand eczema patient. We study the rate of positive standard patch test and the clinical factors which influence on the result of the standard patch test in hand eczema patient. This descriptive study was designed to study the 150 patients, age 5-68 years, 51 males and 99 females by history taking, physical examination and standard patch test with 24 allergens .

It was found that the rate of positive standard patch test in hand eczema patient was 48.7% and the rate of relevance of the test was 40.7%. The most common allergen was nickel sulphate (19.3%) followed by fragrance mix 12.7%, potassium dichromate 11.8% and cobalt chloride 8.7%.

The clinical factors which related to the positive result of the test were construction labors, history of lesion developed after nickel exposure, lesion on more than 1 location and lesion with superficial vesicles. The clinical factors which related to the negative result of the test were houseworking and family history of atopy

This study shows that the rate of positive standard patch test in hand eczema patient was rather high. The standard patch test is an important investigation for classifying and searching the causes of hand eczema, especially patients who are construction labors, have history of rashes after nickel exposure, have lesion on more than one location, and have lesions with superficial vesicles.

ภาควิชา.....อายุรศาสตร์.....

สาขาวิชา.....อายุรศาสตร์/ตจวितษา.....

ปีการศึกษา.....๒๕๕๐.....

ลายมือชื่อนิสิต.....*จอนกณี วงศ์ปิยะบวร*.....

ลายมือชื่ออาจารย์ที่ปรึกษา.....*Wannasri Sindhuphak*.....

ลายมือชื่ออาจารย์ที่ปรึกษาร่วม.....