



CONTACT DERMATITIS AND OCCUPATIONAL DERMATOSES

## SKIN ALLERGIES IN HEALTHCARE WORKERS EXPOSED TO PRODUCTS CYTOSTATIC: TLEMEN CARE FACILITIES: ABOUT TEN CASE

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Well that used as treatment, cytostatics have carcinogenic, teratogenic, mutagenic and allergenic properties harmful to health personnel manipulating .

Objective : Determine the prevalence of skin allergies in staff exposed to cytostatic products in the care of Tlemcen.

Materials and Methods: It is a descriptive cross-sectional study, ranging from novembre 2015 until may 2016; taking (63) hospital workers exposed to cytostatic products and that in 7 departments. Data have been collected, on the work place to help two questionnaires, an analysis of working conditions has been carried out. Test patches have been made at all personnel with a skin allergy. The analysis of the results are achieved on software EPI info 7.

Results: 63 subjects exposed to cytostatic products participated a survey with a clear female predominance and a sex ratio 6.8, the average age of our population is 34,2 years. 10 out of 63 people have an allergy to the cytostatic (15.9%) of which half has an age between 20-30 years, and a length varying between 1-5 years, 9 subjects have a personal atopy and 7 subjects have atopy family, it is the position of nurse who is most at risk 50%. About allergic clinical manifestations associated with (58.7%) represent singly or in association with allergic respiratory rhinitis or asthma,. The families of the most manipulated cytostatic products by our allergic people are above all the antimetabolites and the alkylating (90.8%), methotrexate, cyclophosphamide, Platinum salt, and ifosfamide (30%), are the most allergenic products giving erythematous reactions and itchy. nine allergic subjects out of ten were given a patch test, skin tests to the cytostatic could not be carried out for ethical reasons , professional origin is clearly linked to the product, latex, nickel and chromium salts that are contained in detergents.

Conclusions: Where the interest of strengthening the collective and individual protection means.

