CHESTNUT POLLEN COUNTS RELATED TO PATIENTS POLLINOSIS IN PARIS

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Introduction

From the pollen counts recorded in Paris in 1984 and 1985, it has been observed that the chestnut tree pollination is very important. It follows the birch and the grass pollen seasons. In this preliminary work, we studied the incidence of the chestnut tree pollen on the patients allergic symptomatology in patients sensitive to grass pollens and still sick until mid July.

Material and Methods

Pollen grains were counted after their capture by a Hirst-Burkard trap placed in the Pasteur Institute inside Paris. Temperatures, rainfalls and winds were recorded in Paris. Pollen sensitivities were checked on 67 patients by skin prick tests, confirmed by RAST values to chestnut pollen extracts.

The heterogeneity of the allergens in chestnut and 8 other tree pollens were compared by immunoprints (Peltre et al., 1982).

Results and Discussion

The chestnut pollen season lasts 20 days in July with peak