

SUMMARY

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1- The literature concerning the subject of the thesis was reviewed under different topics.

2- The material and methods followed in this thesis were given. Also a standard key for the identification of mites of medical importance after Baker et al., (1956) was included.

3- A total of 30 patients of different ages of both sexes with atopic dermatitis were examined. Also 14 cross matched normal controls were examined. The following results were achieved:

a- Using the prick tests for ten atopic dermatitis patients and four controls, positive reactions were seen among the patients to house dust mite antigen (9) and house dust antigen (4). None of the controls showed any positive reaction.

b- The level of immunoglobulins showed significant increase in IgG, IgM, and highly significant increase in IgE. The changes in the level of IgA were insignificant.