



PIGMENTATION

ASSOCIATION OF THYROID DYSFUNCTION AND DIABETES MELLITUS IN VITILIGO PATIENTS.

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Introduction: Vitiligo is a common disorder which affects the life of a patient in a pronounced way. Early diagnosis and treatment of diseases associated with vitiligo can help reduce morbidity of all vitiligo patients. We have therefore focused on prevalence of autoimmune thyroid dysfunction and diabetes mellitus in vitiligo patients.

Objective: To study association of thyroid dysfunction and blood glucose levels with vitiligo.

Material and Methods: It is a comparative cross sectional study. Eighty cases of vitiligo were investigated for thyroid function tests and blood glucose level abnormalities. Eighty controls of similar age and gender were investigated for the same.

Results: Autoimmune thyroid dysfunction manifesting as hypothyroidism occurred in 17.50% of cases, out of which 7.5% cases had primary hypothyroidism and 10% cases were detected with subclinical hypothyroidism. Raised blood sugar fasting levels were seen in 6.25% cases.

Conclusion: There is a positive correlation between the existence of autoimmune disease and severity of vitiligo. Screening of vitiligo patients for thyroid dysfunction and diabetes mellitus will be very useful to avoid its adverse impact on growth and health status.

