

Diagnostic and prognostic values of single photon emission computed tomography in neuropsychiatric manifestations of systemic lupus erythematosus : An Egyptian study

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The aim of this work was to study the diagnostic value of SPECT in CNS affection in SLE patients as well as to study its prognostic value in these patients as well as to study the role of prolactin and anti-ribosomal antibodies (anti-P) in CNS affection in SLE patients. Moreover, the study aimed to detect the possible relationship between findings using SPECT and the different disease parameters.

Thirty Egyptian SLE female patients diagnosed according to the American College of Rheumatology (ACR) Criteria for the classification of SLE (1999) were also studied.

Ten normal healthy subjects were also included as a control group. The results confirmed that SPECT is a sensitive tool, both for the diagnosis as well as the prognosis of CNS involvement in SLE.