

***THE ROLE OF SOLUBLE INTERLEUKIN 2
RECEPTORS IN THE ASSESSMENT
OF SLE ACTIVITY***

Thesis submitted for partial fulfillment of
M.D. degree of internal medicine

by

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ABSTRACT

THE ROLE OF SOLUBLE INTERLEUKIN 2 RECEPTORS IN THE ASSESSMENT OF SLE ACTIVITY

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We studied levels of soluble interleukin 2 receptors (sIL-2Rs), which are released by activated lymphocytes, in the serum of 42 patients of systemic lupus erythematosus (SLE) and 10 normal controls. The clinical assessment of the patients was done by SLAM scoring method and Lahita et.al. method. Serum sIL-2Rs were highly significant ($p < 0.001$) higher during active SLE ($p > 0.001$). However, hypocomplementemia was insignificant in this study ($p > 0.05$). Measurement of serum concentrations of soluble IL-2R may provide a method for monitoring disease activity and immune activation in patients with SLE if used in follow up of case.

Key words: soluble interleukin 2 receptors (sIL-2R) - systemic lupus erythematosus (SLE).

***TO MY HUSBAND,
MY PARENTS AND
MY FAMILY***

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***INTRODUCTION
AND
AIM OF THE WORK***

