

external link (opens in a new window)

Search Sources Analytics Alerts My list Settings Live Chat Help Tutorials

## Quick Search

Search

Back to results | &lt; Previous 65 of 125 Next &gt;

[Link to Full Text](#) | [View at publisher](#) | [Download](#) | [Export](#) | [Print](#) | [E-mail](#) | [Create bibliography](#) | [Add to My List](#)

## Rheumatology International

Volume 26, Issue 11, September 2006, Pages 1036-1039

## Correlation between serum prolactin levels and lupus activity

Rezaieyazdi, Z.<sup>a</sup>, Hesamifard, A.<sup>b</sup><sup>a</sup> Department of Internal Medicine, Ghaem Hospital, Mashhad University of Medical Sciences, Mashhad, Iran<sup>b</sup> Department of Internal Medicine, Mashhad University of Medical Sciences, Mashhad, Iran

## Abstract

[View references \(35\)](#)

To assess the frequency of hyperprolactinemia and evaluate its possible clinical significance in patients with systemic lupus erythematosus (SLE). We determined serum prolactin (PRL) levels in 30 patients with SLE by a radioimmunoassay. For each patient, the clinical disease activity was assessed using the Systemic Lupus Activity Measure. Antinuclear antibodies were determined by standard techniques. Correlation between PRL concentrations and SLE clinical and serological activity were evaluated. Elevated serum concentrations of PRL (>25 ng/ml in female and >16 ng/ml in male) were found in 10 of the 30 (33.3%) patients (7-85 ng/ml, mean 33.8, SD 19.8). A significant correlation was found between the PRL levels and the clinical disease activity of SLE ( $P < 0.001$ ,  $r = 0.675$ ). In addition, hyperprolactinemia was associated with serological activity. Hyperprolactinemia was frequently detected in patients with SLE. There is a significant correlation between hyperprolactinemia and lupus activity. © Springer-Verlag 2006.

## Reaxys Database Information

## Author keywords

Disease activity; Hyperprolactinemia; Systemic lupus erythematosus

## Indexed Keywords

EMTREE drug terms: antinuclear antibody; prolactin

EMTREE medical terms: adolescent; adult; article; clinical article; controlled study; disease activity; female; human; hyperprolactinemia; male; preschool child; priority journal; prolactin blood level; radioimmunoassay; school child; serology; systemic lupus erythematosus

MeSH: Adolescent; Adult; Child; Child, Preschool; Female; Humans; Hyperprolactinemia; Lupus Erythematosus, Systemic; Male; Middle Aged; Prolactin; Radioimmunoassay

Medline is the source for the MeSH terms of this document.

Chemicals and CAS Registry Numbers: prolactin, 12585-34-1, 50647-00-2, 9002-62-4; Prolactin, 9002-62-4

ISSN: 01728172 CODEN: RHIND Source Type: Journal Original language: English

DOI: 10.1007/s00296-006-0129-0 PubMed ID: 16625339 Document Type: Article

## References (35)

[View in table layout](#)
[Page](#) | [Export](#) | [Print](#) | [E-mail](#) | [Create bibliography](#)

- 1 Berczi, I., Nagy, E., De Toledo, S.M., Matusik, R.J., Friesen, H.G.  
1 [Pituitary hormones regulate c-myc and DNA synthesis in lymphoid tissue](#)  
(1991) *Journal of Immunology*, 146 (7), pp. 2201-2206. [Cited 63 times.](#)

[Link to Full Text](#) | [View at publisher](#)

- 2 Koshiyama, H., Kato, Y., Inoue, T.  
2 [Central galanin stimulates pituitary prolactin secretion in rats: Possible involvement of hypothalamic vasoactive intestinal polypeptide](#)  
(1987) *Neuroscience Letters*, 75 (1), pp. 49-54. [Cited 31 times.](#)

[Link to Full Text](#) | [View at publisher](#)

## Cited by since 1996

This article has been cited **10 times** in Scopus:  
(Showing the 2 most recent)

Shelly, S., Boaz, M., Orbach, H.  
[Prolactin and autoimmunity](#)  
(2012) *Autoimmunity Reviews*

Orbach, H., Zandman-Goddard, G., Boaz, M.  
[Prolactin and autoimmunity: Hyperprolactinemia correlates with serositis and anemia in SLE patients](#)  
(2012) *Clinical Reviews in Allergy and Immunology*

[View details of all 10 citations](#)

Inform me when this document is cited in Scopus:

[Set alert](#) | [Set feed](#)

## Related documents

Showing the 2 most relevant related documents  
by all shared references:

Vera-Lastra, O., Mendez, C., Jara, L.J.  
[Correlation of prolactin serum concentrations with clinical activity and remission in patients with systemic lupus erythematosus. Effect of conventional treatment](#)  
(2003) *Journal of Rheumatology*

Jara, L.J., Vera-Lastra, O., Miranda, J.M.  
[Prolactin in human systemic lupus erythematosus](#)  
(2001) *Lupus*

[View all related documents](#) based on all shared references  
or [select the shared references](#) to use

Find more related documents in Scopus based on:

[Authors](#) | [Keywords](#)

## More By These Authors

The authors of this article have a total of **34 records** in Scopus:  
(Showing 5 most recent)

Mohajertehran, F., Afshari, J.T., Rezaieyazdi, Z., Ghomian, N.  
[Association of single nucleotide polymorphisms in the human tumor necrosis factor- and interleukin 1-genes in patients with pre-eclampsia](#)  
(2012) *Iranian Journal of Allergy, Asthma and Immunology*

Goshayeshi, L., Saber, H., Sahebari, M., Rezaieyazdi, Z., Rafatpanah, H., Esmaily, H., Goshayeshi, L.  
[Association between metabolic syndrome, BMI, and](#)

[Add apps](#) | [Help](#)