

# ANTICARDIOLIPIN ANTIBODY IN LUPUS ERYTHEMATOSUS

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## ABSTRACT

*Introduction.* Anticardiolipin antibodies are associated with vascular thrombotic events in different dermatological, infectious and autoimmune diseases.

*Methods.* In the present study the frequency of IgG anticardiolipin antibody was determined by ELISA in discoid, systemic and subacute lupus erythematosus. IgG anticardiolipin ELISA was made during a 5-year follow-up in 102 sera of 16 patients with SLE and in 32 sera of 5 patients with subacute cutaneous lupus erythematosus. The result of anticardiolipin ELISA test was compared with the ds DNA antibody ELISA result, thrombocyte count, and clinical thrombotic events in patients with systemic lupus erythematosus.

*Results.* Anticardiolipin antibody was shown in 64 out of 231 (27,7%) patients with systemic, 3 out of 32 patients (9,4 %) with subacute cutaneous and 2 out of 26 patients (7,7%) with discoid lupus erythematosus. 41 out of 337 control persons (12,2%) had anticardiolipin antibody.

In patients with systemic and subacute cutaneous lupus erythematosus the levels of anticardiolipin antibody were followed during the 5- year follow-up.

*Conclusion.* There was no significant correlation between anticardiolipin and anti-ds DNA antibody determinations, between anticardiolipin ELISA and platelet count and anticardiolipin ELISA and thrombotic clinical events in patients with systemic lupus erythematosus.

## KEY WORDS

*anticardiolipin, antiphospholipid, antibody, thrombotic events, thrombocytopenia, anti-ds DNA antibody*

## INTRODUCTION

Antiphospholipid antibodies have been found in sera of patients with primary antiphospholipid syndrome, autoimmune disorders, as well as in the sera of healthy people (1,2,3,4).

The clinical significance of the antiphospholipid antibodies is widely examined. Although the association of the antiphospholipid antibodies and the thrombotic events is well known, their pathogenetic role in the disease process and in the thrombotic events is not clearly understood (5).

