

THE IMPORTANCE OF ANTI-dsDNA ANTIBODIES SCREENING AS A USEFUL TOOL FOR EVALUATION AND TREATMENT OF PATIENTS WITH SYSTEMIC RHEUMATIC DISEASE

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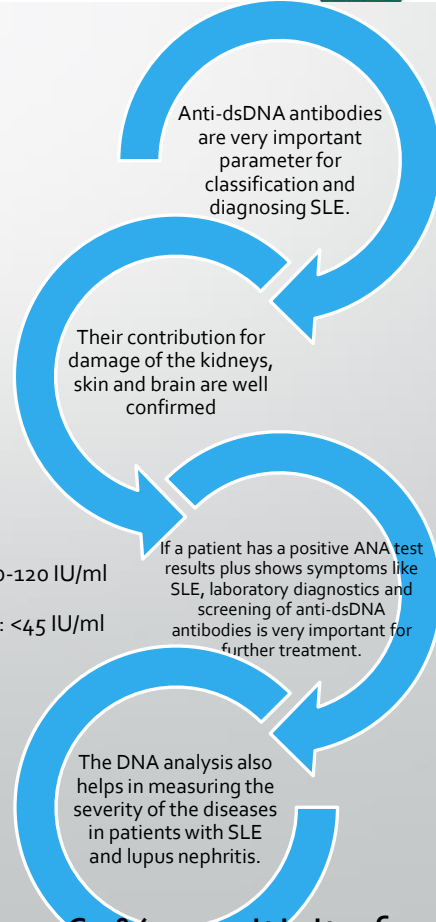
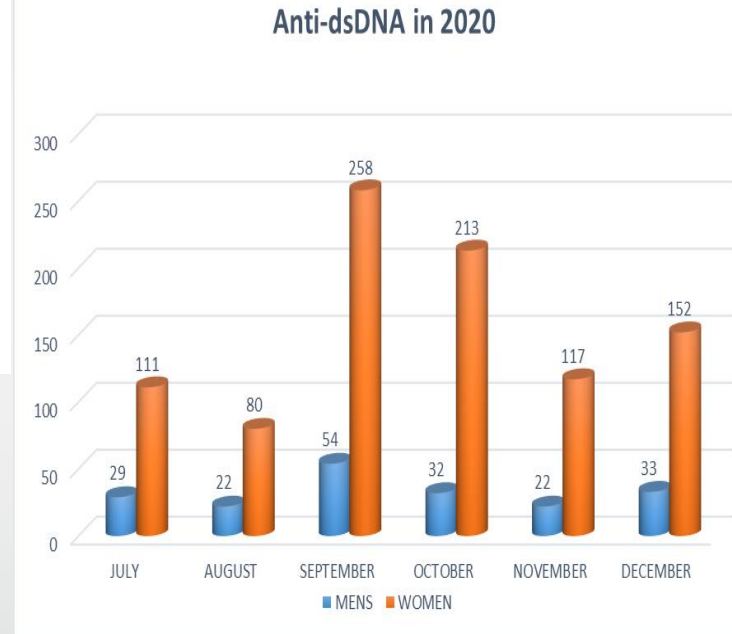
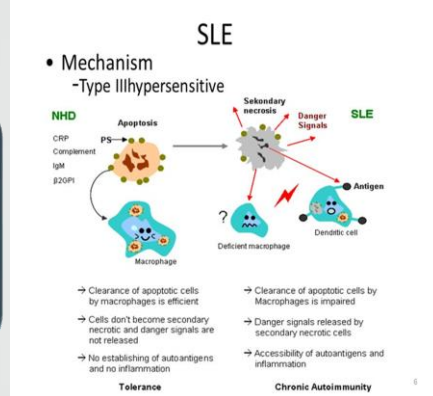
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Anti-Double Stranded DNA or anti-dsDNA antibodies are anti-nuclear antibodies (ANA) typically produced by the immune system, who target the antigens of the double-stranded DNA

Anti-nuclear antibodies target the essential parts of the cell's nucleus especially the genetic material.

Systemic lupus erythematosus (SLE) is characterized by high-titer serological autoantibodies, including double-stranded DNA molecule (dsDNA)

The main objective> define the importance of anti-dsDNA antibodies screening as a useful tool for the evaluation and treatment of patients with systemic rheumatic disease.



↑ POSITIVE: 80-120 IU/ml
 ↓ NEGATIVE: <45 IU/ml

Enzyme-linked immunosorbent assay (ELISA)

shows 98-100% specificity and 40-60% sensitivity for SLE

