CRYOGLOBULIN AND RHEUMATOID ARTHRITIS

THESIS

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INTERNAL MEDICINE

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الا ما علمتنا انك انت
العليم الحكيم »

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INTRODUCTION

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INTRODUCTION

Cryoglobulins are serum proteins with heterogenous etiopathogenetic and immunochemical properties. They have in common , temperature dependent insolubility, in that at temperature below 37°C. they precipitate, and redissolve at 37°C.

The etiopathogenesis of the cryoglobulineamia may be unknown, whereas it is termed essential cryoglobulineamia, or it may appear in association with one of several diseases, whereas it is termed secondary cryoglobulineamia.

Cryoglobulineamia has indeed been found in patients with lymphoprolifarative and autoimmune disorders, liver diseases, infectious (viral, bacterial, fungal and parasitic) diseased **(Miller et al, 1991).**

Rheumatoid Arthritis is a chronic systemic disease, primarily of the joint, marked by inflammatory changes in the synovial memberanes and articular structures, wide spread fibrinoid degeneration of the collagen fibres in

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mesenchymal tissues, and by atrophy and refraction of bony stuctures.

Etiology is unknown but autoimmune mechanisms have been implicated **(Manson, 1989).**

Aim of the work:

The aim of this work is to study the relation between rheumatoid arthritis and cryoglobulin.

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REVIEW OF LITERATURE

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