THE ROLE OF PLAIN RADIOGRAPHY IN ASSESSMENT OF ARTHRITIS IN CHILDREN

THESIS

Submitted for partial fulfillment of
Master Degree (M.Sc.)
in
RADIODIAGNOSIS

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Acknowledgement

First and foremost, thanks to ***GOD****, to whom I relate any success in achieving any work in my life.*

I wish to express my deepest thanks, gratitude and appreciation to ***Professor Dr. Jannette Boushra Hanna****, Professor of Radiodiagnosis, Faculty of Medicine, Ain Shams University. It is a real pleasure to acknowledge her sincere encouragement and valuable guidance.*

I would also thank her for her honest help, constant advice, keen interest and guidance throughout the performance of this work.

I owe special gratitude to ***Dr. Mounir Sobhy Guirguis****, Lecturer of Radiodiagnosis, Faculty of Medicine, Ain Shams University for his resourceful knowledge, close supervision and continuous advice which gave me the best guide during different stages of this work.*

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Introduction and Aim of Work

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INTRODUCTION AND AIM OF WORK

Arthritis is a non specific term that refers to any inflammatory involvement of joints. It may be acute or chronic. Juvenile chronic arthritis (JCA) is the most common connective tissue disease affecting the articular surface of children ***(Tong and Sartoris, 1996).*** Juvenile arthritis consists of a group of disorders that occur in individuals under 16 years of age ***(Singsen, 1990).*** Juvenile arthritis may present as a systemic illness (Still's disease), as a seronegative polyarthritis or as a seropositive polyarthritis identical to adult rheumatoid arthritis ***(Stites et al., 1994).*** The most common types of arthritis in children are rheumatoid, septic and tuberculous arthritis.

The aim of this work is to assess the role of plain X-ray in different types of arthritis in children and to correlate it with clinical manifestations for specific diagnosis and proper management.

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