



Service Priorities and Programmes
Electronic Presentations

Convention ID: 1283

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**Radiation synovectomy in management of haemophilic haemarthrosis -
Experience at Queen Elizabeth Hospital**

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Keywords:

Radiation synovectomy

Haemophilia

Nuclear Medicine

Introduction

Haemophilic arthropathy is a chronic debilitating condition with significant morbidity. Radiation synovectomy is a simple and safe procedure that may provide better management by reducing haemarthrosis attacks to dampen the vicious cycle of joint destruction, hence potentially reduce clotting factor consumption, number of hospital admission and improve quality of life of patients.

Objectives

To evaluate treatment outcome of radiation synovectomy cases performed at Nuclear Medicine Unit, QEH

Methodology

Prospective evaluation of patients received radiation synovectomy was performed. Study parameters include frequency of haemarthrosis attacks and related hospital admissions, clotting factor consumption and patients evaluation by assessment score and questionnaire.

Result

A total number of 32 cases of radiation synovectomy were performed up to date of abstract submission with no incidence of complication. Joints treated in order of frequencies are knees, elbows and ankles joints. Significant reduction in related hospital admission, frequency of haemarthrosis attacks and subsequently reduction in clotting factor consumption is noted. Overall patient satisfaction is reported and we are receiving referrals for radiation synovectomy.