



**Service Priorities and Programmes**  
**Electronic Presentations**

**Convention ID:** 1346

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**Musculoskeletal tumor biopsy registry in the Department of Radiology and Imaging, Queen Elizabeth Hospital**

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**Keywords:**

registry  
musculoskeletal tumors  
imaging  
tumor centre

**Introduction**

A structural registry in all musculoskeletal tumors biopsied in the Department of Radiology and Imaging, Queen Elizabeth Hospital (DR&I, QEH) was established since 2016 for promotion of research and education.

**Objectives**

To promote research and education in musculoskeletal tumors

**Methodology**

The data of all imaging guided biopsy cases performed in DR&I, QEH were collected since 2016. These included patient's ID, biopsy date, biopsy site, type of imaging guidance adopted for biopsy, date and sources of representative imaging, and pathology results. The data were regularly updated and entered to the departmental registry by the musculoskeletal team of the department.

**Result**

From year 2016 to 2017, there were more than 500 case entries in the registry, including more than 200 bone tumors and more than 300 soft tissue tumors. The registry was regularly reviewed and retrieved by the musculoskeletal team members to enhance the awareness of the imaging features of various types of tumor and tumor mimics. The registry also allowed an easy access and search of individual cases under different selection criteria for research and education purposes. Various local and overseas presentations were successfully launched with the help of this registry.