

Musculoskeletal Tumors During Pregnancy: Experience Of The Orthopaedic Oncology Team Hospital Kuala Lumpur

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INTRODUCTION:

Malignant tumor during pregnancy represents a medical conundrum and a dramatic event in a woman's life and her family. The management of cancers during pregnancy is a clinical dilemma as the disease management requires serious considerations for two lives: the mother and the fetus. It demands diagnostic and therapeutic management that is individualized and undertaken by a dedicated multidisciplinary team.

MATERIALS & METHODS:

A retrospective analysis of 4 patients with either soft tissue or bone sarcoma was made between the years 2012 to 2017. There were two cases of tibia Ewing's sarcoma, one alveolar soft part sarcoma of the proximal humerus and one extraskeletal osteosarcoma of the anterior thigh.

Figure 1: Legend. _____

RESULTS:

The clinical presentation of the tumors differs for each patient though noted presentation was during late pregnancy. Treatment depended on their current condition, localization of the tumors and CT screening for metastasis. The results thus had us experiencing surgical intervention with adjuvant chemotherapy and also palliative.

Figure 2: Summary of the status of each case at the time of writing this case series.

DISCUSSIONS:

The emergence of musculoskeletal malignancy during the course of pregnancy is uncommon but devastating when occurred. This study showcases the presentation of the patient during

gestational period, investigation and the treatment performed. These circumstances are rarely confronted and thereby expand new challenges in the medical fields in view to make the proper and beneficial decisions.

CONCLUSION:

In conclusion, diagnosis of bone and soft tissue sarcomas are rare in pregnant woman. The goal is to treat primarily the mother and simultaneously the fetus while metastatic plays a major role in the prognosis.

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