Goals and Objectives for Approach to Pediatric Bone Tumors Pathology Lecture
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Lecture participants should:

**Medical Expert:**

Classify bone tumors

Evaluate morphology of pediatric bone tumors and correlate it with plain X ray and demographic findings

Construct a differential diagnosis of the bone tumor and integrate clinical, radiological and morphological findings to develop the correct diagnosis

Identify and summarize hereditary conditions and syndromes associated with primary pediatric bone tumors and identify clues to suspect underlying hereditary/syndromic conditions associated with bone tumor

Arrange and set up additional referral and management for children with bone tumors in a setting of underlying hereditary/syndromic conditions

Illustrate when and which ancillary studies (immunohistochemical and molecular testing) to perform in view of each case
Communicator:

Illustrate and demonstrate the crucial importance of communicating and working closely with radiologist, orthopedic surgeon, oncologist and clinical Geneticist

Collaborator:

Appraise the value of intra and interdepartmental consultations in the pathologic diagnosis of Pediatric bone tumors

Emphasise the role of the pathologist in tumour board presentations and as a main coroner stone for accurate management of pediatric patients with bone tumors

Stress on and support the complementary and essential role of the radiologist, oncologist, orthopedic surgeon and pathologist for accurate management of pediatric patients with bone tumors

Manager:

Illustrate when to use ancillary studies

Identify when to refer to clinical genetist consult

Health Advocate:

Explain the impact on the child and his/her family when he or she are diagnosed with bone tumor associated with a related underlying hereditary or syndromic condition

Professional:

Acquire knowledge on when to appropriately consult an expert in bone pathologist

Acquire knowledge on the limitations of intraoperative consultations in the diagnosis of bone tumours
Scholar:

Select relevant sources of information (journals, textbooks, web-based resources) for reviewing literature pertaining to Pediatric bone tumours.

Recall basic information on possible research project ideas in the field of Pediatric bone tumours.