Ewing's Sarcoma

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This article has been translated from WikiSkripta; ready for the **editor's review**.


Ewing's sarcoma - tibia

Ewing's sarcoma (EWS) belongs to the *sarcomas of the Ewing group:* EWS, PNET (primitive neuroectodermal tumor), Askin's tumor (Ewing on the chest wall).

It is the 2nd most common malignant bone tumor in children and adolescents, the highest incidence between 5–30 years of age. Early metastasis to the lungs is typical.

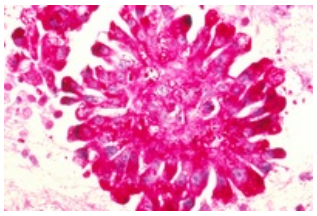
It most often develops in the bone marrow of the diaphysis of long bones (mainly femur, tibia). It often mimics acute osteomyelitis: subfebrile, leukocytosis, increased sedimentation, pain, including positive scintigraphy.

Clinical picture: Pain, swelling, pathological fractures

RTG: osteolytic changes with permeative bone destruction + periosteal reaction.

Therapy: 1. neoadjuvant CHT , 2. radical surgical resection, 3. intraoperative / subsequent RT , 4. adjuvant CHT.

Prognosis: 5-year survival 60-76% (in case of no metastases).


Cells of Ewing's sarcoma

References

Related Articles

- Osteosarcoma

Literature

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