

Results of irradiation in the treatment of operable osteogenic sarcoma of the long bones

s.n. - Osteosarcoma Metastasis—Prognostic Factors and Treatment Strategies

S/2007
Osteogenic Sarcoma Treatment Protocols
Medscape

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Author: Mohammad Muzhar Chisti, MD, FACP; Chief Editor: Edwin Choy, MD, PhD, more...

Treatment Protocols

Overview

Osteosarcoma is the most common primary malignancy of bone in children and adolescents, characterized by the production of immature bone. Some cases may be related to hereditary predisposition.

- Hereditary predisposition
- Li-Fraumeni syndrome
- Rothmund-Thomson syndrome
- Familial multiple exostosis

In adults, osteosarcoma are often considered secondary neoplasms, resulting from one of the following:

- Trauma
- Endocrine transformation of Paget disease
- Bone infarcts
- Transformation of benign bone lesions

Patients present with bone pain, which typically has been ongoing for weeks to months, and the presence of a palpable mass. Laboratory studies may show elevation of alkaline phosphatase, lactate dehydrogenase (LDH), and erythrocyte sedimentation rate. Tumor markers are not associated with disease extent, although a very high LDH is associated with a poor clinical outcome.

Plain radiographs show destruction of the normal cancellous bone pattern, indistinct margins, and a "sunburst" or "onion-skin" periosteal reaction. CT scan shows tumor infiltration of the periosteum and bone formation, with the formation of a Codman triangle. For definitive diagnosis a biopsy is required.

The staging workup should include magnetic resonance imaging of the entire length of the involved bone, compared tomography (CT) of the chest, and technetium radionuclide bone scanning. Positive results of these tests indicate metastatic disease.

Chemotherapy has dramatically improved survival in these patients. Prior to the use of chemotherapy, the 5-year survival rate was approximately 10%.

Treatment protocols for osteosarcoma are provided below, including general and first-line treatment recommendations and recommendations for second-line therapy for relapsed or refractory disease.

http://emedicine.medscape.com/article/200987-overview
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Description: -

Osteosarcoma -- Treatment. Results of irradiation in the treatment of operable osteogenic sarcoma of the long bones

-Results of irradiation in the treatment of operable osteogenic sarcoma of the long bones

Notes: Caption title.

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PRIMARY MALIGNANT TUMORS OF THE LONG BONES: END

Four of five patients who received adjuvant chemotherapy after surgery are alive and disease-free; the only two survivors after development of pulmonary metastases received adjuvant chemotherapy after surgical resection of visible pulmonary metastases. Biodata stefan william lengkap agama kisah cinta dan stefan william dan istri biodata, 25 02 2019 seleb expose 24 februari 2019 category travel events suggested by sme chris brown with you official music video. Cari di google dengan keyword bioskop21keren.

Osteosarcoma Upper Arm : Bone Tumor Types Causes And Symptoms

Learn more about the subtypes, causes, symptoms, diagnosis, treatment, and prognosis for osteosarcoma. It is also possible to contract osteosarcoma in the upper arm near the.

Elective whole lung irradiation in the treatment of osteogenic sarcoma — UC Davis

Because osteosarcoma usually develops from osteoblasts the cells that make growing bone , it most commonly affects teens who are having a growth spurt.

Treatment of giant cell tumor of long bones: clinical outcome and reconstructive strategy for lower and upper limbs

There were no recognized untoward reactions to the pulmonary irradiation. Osteosarcoma is a type of bone cancer that begins in the cells that form bones. Sometimes, a tumor causes decreased movement in the affected arm or leg or nearby joint.

Treatment of operable breast cancer by tumorectomy and irradiation — Tohoku University

Osteosarcoma, also called osteogenic sarcoma, is the most common type of cancer that starts in the bone and occurs mostly in the upper arm bone close to the shoulder is the next most common site. Functional outcomes as evaluated by the Musculoskeletal Tumor Society measure were successful, with an average score of 26.

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