# Rhabdomyosarcoma

**Rhabdomyosarcoma** is a malignant tumor arising from the striated muscle.

## Etiology and epidemiology

Rhabdomyosarcoma is the most common malignant mesechymal tumor in children (but it is rare compared to other childhood malignancies).

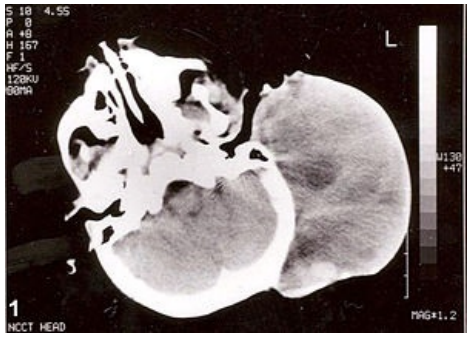
## Pathology

Histologically, there are 4 basic subunits:

- embryonic - includes sarcoma bothyroides;
- alveolar;
- pleomorphic;
- mixed.

## Location

- head and neck are most often affected - 35%;
- torso and limbs - 35%;
- genitourinary area - 30%.



CT of the head without contrast - isodense mass without intracranial progression. It is a postauricular congenital alveolar rhabdomyosarcoma.

## Metastasis

Tumors have a marked tendency to develop local recurrences. They metastasize early, both hematogenously and lymphogenically. Any authority can be affected.

## Diagnosis

- Rtg,
- CT,
- MRI,
- US,
- scintigraphy skeleton.

## Therapy

The combination of effective cytostatics has made it possible to dispense with radical, often mutilating surgical procedures.

- chemotherapy - initial neoadjuvant treatment after biopsy;
- **surgery** - after the tumor has shrunk, a definitive surgical procedure follows;
- **radiotherapy** - the residue of the tumor and the affected lymph nodes must be treated with radiotherapy.

## Prognosis

It depends on the stage of the disease.

- **Localized forms** - healing is possible up to 100%.
- **Metastatic spread** - 40%.

Overall survival is reported to be 70%.

## Links

### Related articles

- Mesenchymal tumors
- Rhabdomyoma

### References

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