

Osteosarcoma: New Treatments and Drugs

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Purpose of Study

The purpose of this study is to examine how osteosarcoma affects people and the treatment options available.

Introduction

Osteosarcoma is a type of cancer that starts in the bones. It is common in both children and young adults. 50% of young patients have tumors in their knees. 3.4 million people are affected worldwide. According to the NCI, the incidence is slightly higher in blacks than in whites.

Public Perception

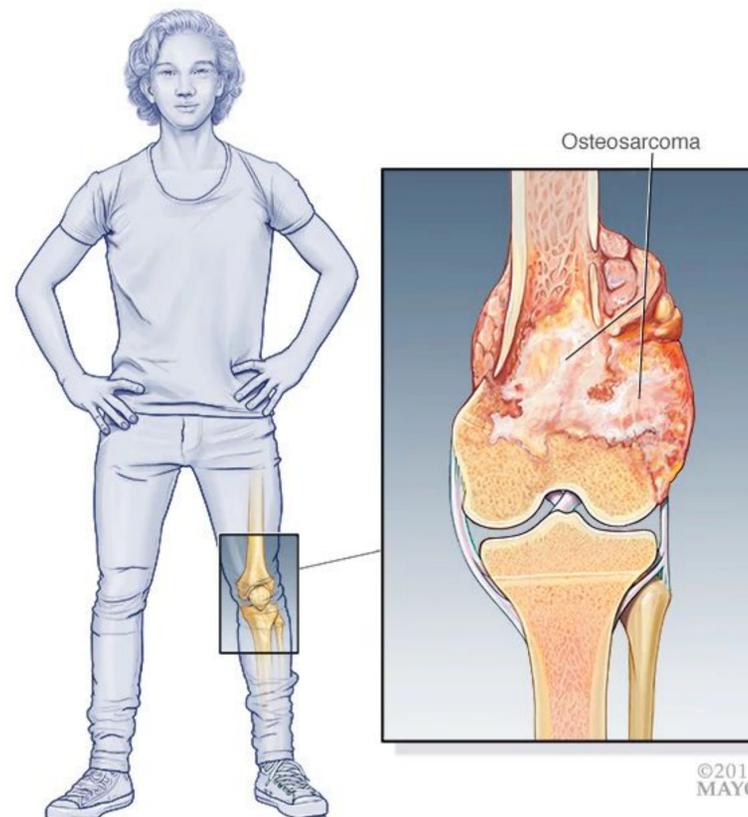
- 55% of patients felt that physicians understood how life would be with bone cancer.
- Only 28% of patients feel their cancer gets the attention it deserves.

Address the Disparity

The discoveries that we uncovered hurt people by being too expensive because insurance only pays so much. You are responsible to pay the rest and targeted therapy is \$65,000 per patient.

New Treatments

Targeted therapy is the newest treatment. It uses other substances to more precisely identify and attack cancer cells. The most common form of treatment involves bringing together a team of an orthopedic surgeon, pediatric oncologist, radiation oncologist, and physiatrist. The treatment most commonly includes chemotherapy and surgery.



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Figure 1. Osteosarcoma

Data

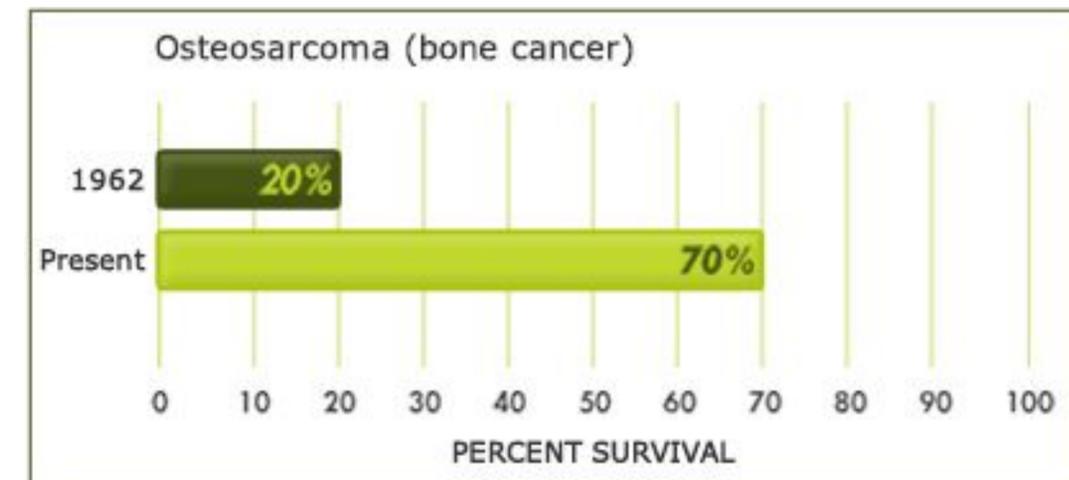


Figure 2. Osteosarcoma survival rates.

Conclusion

The survival rate of patients with osteosarcoma have gone up in recent years, but more research needs to be done to further improve the survival rate. More research needs to be done to identify osteosarcoma therapies that are more affordable in order to help more people worldwide.

References

www.cancer.org
www.thecobbinsstitute.org
www.bcart.org.uk
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