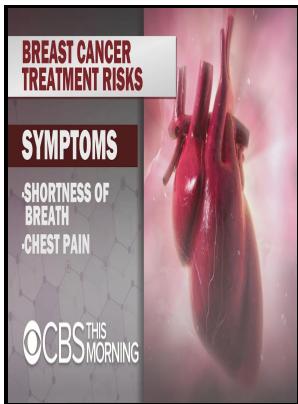


# Cancer treatment and the heart

**Johns Hopkins University Press - Cancer Therapy and Heart Failure**

Description: -



- Leather industry and trade
- Leather unions -- United States
- Neoplasms -- radiotherapy.
- Neoplasms -- drug therapy.
- Heart Diseases -- etiology.
- Heart Diseases -- chemically induced.
- Antibiotics, Anthracycline -- adverse effects.
- Anthracyclines -- Toxicology.
- Cancer -- Radiotherapy -- Complications.
- Cancer -- Chemotherapy -- Complications.
- Antineoplastic agents -- Side effects.
- Heart -- Effect of drugs on.Cancer treatment and the heart

- The Johns Hopkins series hematology/oncologyCancer treatment and the heart

Notes: Includes bibliographical references and index.

This edition was published in 1992



Filesize: 16.98 MB

Tags: #Investigating #the #Cardiac #Side #Effects #of #Cancer #Treatments

## Heart Problems

Sunitinib can induce myocyte apoptosis in preclinical models: although, similar to trastuzumab, cardiac biopsies from patients treated with this agent show no major myocardial injury. Nearly half of Americans have some type of cardiovascular disease, according to the American Heart Association, and millions more are at high risk of getting it.

## Heart Cancer: Understanding Cardiac Tumors

Your doctor may also recommend a different method for giving the drug. Through observation of side effects caused by newly developed cancer therapeutics, some cardiovascular signalling pathways have become more clearly understood. Reintroduction of anti-cancer therapy is a priority, when possible, even if cardiac therapy must be continued throughout.

## A cancer treatment that tackles heart disease?

The pericardium is the outer membrane of the heart. Patients treated with bevacizumab also experienced a higher rate of thromboembolic events compared with patients treated with chemotherapy alone; elderly patients with cardiovascular risk factors were shown to have the highest rates of all.

## Angiosarcoma of the heart

When a cardiac tumor is diagnosed, it is important for the doctor to do the testing necessary to characterize it as fully as possible.

## Angiosarcoma of the heart

Published: August, 2012 Doctors strive to prevent the cure for one disease from causing another. We re-assess cardiac function of all patients after four cycles of chemotherapy to identify asymptomatic patients who are experiencing increased cardiac damage; if LVEF has decreased by either 15 percentage points, or 10 percentage points to a value below 50 and a repeat assessment after 3 weeks confirms the finding, or if troponin or BNP are elevated, we discuss alternative chemotherapeutic regimens with the oncologist, as continuing treatment with an anthracycline carries increased risk for cardiotoxicity. Summary and conclusions The recognition of cardiac problems related to the treatment of cancer is complex.

## **Before and after cancer treatment, heart health is critical**

The changes are usually temporary and stop when your treatment ends.

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