Introduction to the Cardio-Oncology Miniseries

The intersection of cancer and cardiovascular disease occurs on several levels. The present miniseries, within Circulation’s Contemporary Reviews in Cardiovascular Medicine series, will highlight important areas within the emerging discipline of cardio-oncology. The miniseries will straddle a number of topics, as outlined below.

1. The relationship of traditional cardiovascular risk factors with the development of cancer. This is a unique area within cardio-oncology that has not been fully covered in the current literature.
2. The link between targeted chemotherapeutics and cardiac, vascular, and metabolic diseases with an emphasis on the molecular mechanisms. This has become an increasingly relevant area, given the rapid development and growth of this class of therapies.
3. The clinically important area of cardioprotection during chemotherapy and the current data and areas that require additional research.
4. A comprehensive review of the cardiovascular risks faced by cancer survivors and a concise review of current guidelines and areas of uncertainty for the practicing clinician.

This miniseries will provide an in-depth review for the practicing clinician (cardiologist, oncologist, and internist) and provide insights, for the physician-scientist and scientist, into the mechanistic link between cancer and cardiovascular biology afforded by examining the cardiovascular impact of targeted cancer therapies and the impact of cardiovascular risk factors and medications in cancer biology.

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Circulation. 2015;132:1834
doi: 10.1161/CIRCULATIONAHA.115.019806
Circulation is published by the American Heart Association, 7272 Greenville Avenue, Dallas, TX 75231
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Print ISSN: 0009-7322. Online ISSN: 1524-4539

The online version of this article, along with updated information and services, is located on the
World Wide Web at:
http://circ.ahajournals.org/content/132/19/1834

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