



Cardiac Complications and Cardiotoxicity of Radiation Therapy

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Message from the Guest Editors

Dear Colleagues,

Radiation therapy improves locoregional tumor control and the overall survival of patients with solid tumors, such as breast, lung, and esophageal cancers, and Hodgkin's lymphoma. Although the benefits of radiation therapy far outweigh the risk of developing subsequent cardiovascular diseases, there is ongoing debate regarding the safest radiation dose, which cardiac substructures are most sensitive to radiotherapy, and the most appropriate strategies for prevention.

The aim of this Special Issue is to provide an overview and new elements concerning the mentioned current debate on the cardiovascular complications and cardiotoxicity of radiation therapy. This could be covered by large epidemiological studies, clinical studies with advanced imaging and diagnostic techniques, and radiation dosimetry research, but also through radiobiological and mechanistic studies, as well as review articles.

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