

Special Issue

The Diagnosis and Management of Cardiovascular Disease in Cancer Patients

Message from the Guest Editors

Cancer therapies, such as chemotherapy, radiotherapy, and surgical procedures, are closely associated with an increased risk of cardiovascular disease (CVD) developing during the life of cancer patients. Cancer-related cardiovascular risks, in part, are considered to be present for up to 50 years after therapy. New anticancer drugs, such as immunotherapy, tyrosine kinase inhibitors, and antihormone therapies, are proven to cause endothelial dysfunction, leading to increased occurrence of CVD and related events. Furthermore, evidence that the risk factors between the occurrence of cancer and CVD overlaps are accumulating.

Cardiovascular risk factors, such as unhealthy diet, tobacco smoking, obesity, diabetes mellitus, and hypertension have been reported to be related to an increased cancer risk. On the other hand, the assessment, prediction, and treatment on the risk of cardiovascular events in cancer patients receiving some cancer therapy, are improved by clinicians and researchers; however, the overall result remains insufficient. In going with times, we should continue to tackle the problems related to cardiovascular disease in cancer patients.

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