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EDITORIAL

The Emerging Scenario of the Onco-Cardiovascular Patients

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ABSTRACT

Cardiotoxicity prevention remains an important challenge in the emerging scenario of the onco-cardiovascular patients. New targeted anticancer therapies haven't proven to be free from cardiovascular side effects while old anticancer therapies provide us with delayed serious consequences in long term cancer survivors. There is a need for large studies to clear apparently conflicting observations and to expand the evidence base in cardio-oncology promoting new strategies for patients' safety and to encourage the patients in their heavy cancer journey avoiding communication breakdowns.

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Key words: Cancer chemotherapy; Cardio-oncology; Cardiotoxicity; Onco-cardiovascular patients.

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EDITORIAL

Despite an improvement of prognosis in cancer patients,

cardiotoxicity is a well known consequence of both old and new cancer chemotherapies^[1-11]. The progress in the cancer knowledge and treatment has led to a new frontier: the cardio-oncology[13-15] and to the emerging scenario of the onco-cardiovascular patients. New targeted anticancer therapies haven't proven to be free from cardiovascular side effects^[2,4,6,9-19] while old anticancer therapies provide us with delayed serious consequences in long term cancer survivors^[1,3,6,7,10-11]. This question raises the question of the surveillance and management of long-term cancer survivors also relating to their late increasingly cardiovascular outcomes^[1,3,7,10-11,18-19] and it increases the emerging scenario of the onco cardiovascular patients with a severe, disabling, or life threatening condition[1-2,3,20]. Cardiotoxicity prevention remains an important challenge and cardioprotective strategies are available^[20] but appropriateness of cardiovascular care is yet suboptimal^[20-24] in clinical practice especially in elderly adult cancer survivors^[21]. Information on effectiveness of physical activity, diet, weight loss, decreased alcohol intake, information on follow-up and psychological assessment, management and long-term supportive care strategy could be addressed in promoting better cancer survivors overall health[22-24] but communication breakdowns in cancer care are common and representing a patient-centered care failure[1-2,25]. It is crucial that lesson learned from each patient informs clinical decision making for the next patient care[26] as well as there is an absolute need to explore molecular and genomic predicative factors of cardiotoxicity and to highlight the relation, beyond coronary toxicity, between cardiac radiation dose distribution and other major clinical end points^[18]. There is a need for large studies to clear apparently conflicting observations[15-17] and to expand the evidence base in cardio-oncology promoting new strategies for patients' safety and to encourage the patients in their heavy cancer journey^[1,5,8,12-17]

CONFLICT OF INTERESTS

There are no conflicts of interest with regard to the present study.

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