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DOI: 10.21859/mci-supp-108	Assessment Cardiac Side Effects in Patients with Left-Sides Breast Cancer Treatment by Hypofractioned and Conventional Radiation Therapy Dariush Askari ^{1,*} , Mohsen Bakhshandeh ² , Mahsti Amoui ³ , Yazdan Salimi ⁴ , Jalal Ordoni ⁵ * Corresponding author: Dariush Askari. E-mail: daruishask@gmail.com		
		Keywords: Breast Cancer Radiation Therapy Cardiac Complications Hypofractionated	 Abstract Introduction: Breast cancer (BC) is the most common cancer in women. Radiation therapy (RT) in the management of patients with breast cancer is treated, plays an important role. RT techniques have improved over time, but if you take a large part of the heart irradiated, may induce early and late complications of the heart. So a technique that makes treatment time is reduced to half, while the results of the same make, with many reception faces. Evaluating coronary artery using by imaging methods, the prevalence of cardiovas-cular risk after RT is clearly shown. In this study, we were compared cardiac complications in both techniques hypofractionated and conventional RT in patients with left-side breast cancer by using SPECT. Materials and Methods: In this study, cardiac complications between the both techniques hypofractionated and 20 (20 (20 (20 (20 (20 (20 (20 (20 (20

Conclusions: The amount of radiation-induced heart disease in conventional and hypofractionated RT techniques over a period of six months difference was not found.