Reviewer’s report

Title: The Radiation Issue in Cardiology: the time for action is now

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Reviewer: Lauro Cortigiani

Reviewer’s report:

In this manuscript, Picano et al debate on the cancer and non-cancer risk by ionizing radiations in cardiological patients and professionally exposed cardiologists. They also focus on important measures for reducing radiation risk such as dose optimization, protective shielding, and improvement in radiological awareness of cardiologists.

The paper is well written by an undisputed expert in the field and the topic is of relevance due to the uncontrolled proliferation of diagnostic and therapeutic ionizing procedures in contemporary Cardiology. I encountered no major problem with the manuscript.

Minor comments.

1. Ref. 57, 66, 78, 79 are incomplete.
2. In Tab. 1 the Ref. 24 for endovascular thoraco-abdominal aneurysm repair procedures doesn’t match to Ref. 25 in the text (see page 5, line 18).

Level of interest: An article of outstanding merit and interest in its field

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:

I declare that I have no competing interests