Approaches to estimate radiation exposure to the lens of the eyes during interventional procedures

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1. To recognize the levels of radiation exposure to the lens of the eyes during interventional procedures.

2. To describe the various approaches to estimating occupational radiation doses to the lens of the eyes in professionals working at catheterization laboratories.

3. To summarize the international recommendations on lens protection and suggest the need for further research on the topic.
• IAEA. Implications for Occupational Radiation Protection of the New Dose Limit for the Lens of the Eye. TECDOC 1731 (2014).
References 2 (ICRP, IAEA and Guidelines)


• Practical ways to reduce radiation dose for patients and staff during device implantations and electrophysiological procedures. Heidbuchel H et al. Europace. 2014;16(7):946-64.


References 3 (other publications 2016)


References 4 (other publications 2015)


References 5 (other publications 2014 and 2013)

References 6 (other publications 2012 and 2011)


