

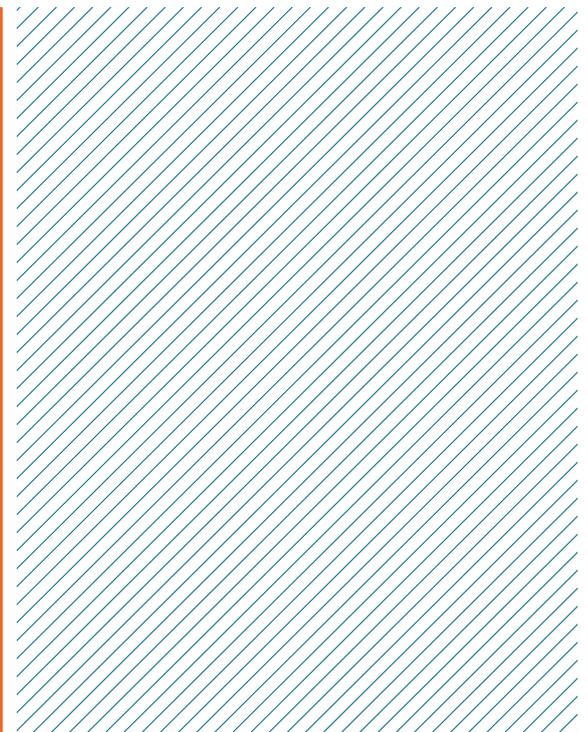
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Peer-Reviewed Publications

March 2020

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General description of MR/RT technology (31)

The transformation of radiation oncology using real-time magnetic resonance guidance: A review.

Eur J Cancer. 2019;122:42-52.

Hall WA, Paulson ES, van der Heide UA, Fuller CD, Raaymakers BW, Lagendijk JJW, Li XA, Jaffray DA, Dawson LA, Erickson B, Verheij M, Harrington KJ, Sahgal A, Lee P, Parikh PJ, Bassetti MF, Robinson CG, Minsky BD, Choudhury A, Tersteeg RJHA, Schultz CJ.

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Magnetic resonance-guided radiation therapy: a review.

J Med Imaging Radiat Oncol. 2019;64(2).

Chin S, Eccles CL, McWilliam A, Chuter R, Walker E, Whitehurst P, Berresford J, Van Herk M, Hoskin PJ, Choudhury A.

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Image guided radiotherapy moving towards real time adaptive radiotherapy; global positioning system for radiotherapy?

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McNair H, Buijs M.

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The need for, and implementation of, image guidance in radiation therapy.

Ann ICRP. 2018;47(3-4):160-76.

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van Herk M, McWilliam A, Dubec M, Faivre-Finn C, Choudhury A.

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DOI: 10.1016/j.clon.2018.08.001

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Magnetic resonance-guided radiotherapy—can we justify more expensive technology?

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Magnetic resonance imaging-guided adaptive radiotherapy: a “game changer” for prostate treatment?

Int J Radiation Oncol Biol Phys. 2018;100(2):361-73.

Pathmanathan AU, van As NJ, Kerkmeijer LGW, Christodouleas J, Lawton CAF, Vesprini D, van der Heide UA, Frank SJ, Nill S, Oelfke U, van Herk M, Li XA, Mittauer K, Ritter M, Choudhury A, Tree AC.

PMID: 29353654 DOI: 10.1016/j.ijrobp.2017.10.020

The future of image-guided radiotherapy will be MR-guided.

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MRI-guided lung SBRT: present and future developments.

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The emerging potential of magnetic resonance imaging in personalizing radiotherapy for head and neck cancer: an oncologist's perspective.

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