

MRIdian® Bibliography

FDA-cleared since 2012, ViewRay’s MRIdian is actively being used to treat cancer patients at leading cancer centers worldwide. This bibliography has been prepared by ViewRay to highlight the capabilities of ViewRay’s innovative MRIdian radiation therapy technology.

In this bibliography, we list peer-reviewed publications that have been published by members of the radiation oncology care teams who have pioneered the use of MR image guidance in Radiation Therapy using ViewRay’s MRIdian technology.

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MRIdian Clinical Studies

GENITOURINARY (GU) & GYNECOLOGICAL (GYN)

Hadi, I., Eze, C., Schönecker, S., von Bestenbostel, R., Rogowski, P., Nierer, L., Bodensohn, R., et al. (2022). MR-guided SBRT boost for patients with locally advanced or recurrent gynecological cancers ineligible for brachytherapy: feasibility and early clinical experience. *Radiation Oncology*, 17(1):8.

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Cervical

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Park, J.M., Park, S.Y., Kim, J.I., Kang, H.C., Choi, C.H. (2017). A comparison of treatment plan quality between Tri-Co-60 intensity modulated radiation therapy and volumetric modulated arc therapy for cervical cancer. *Physica Medica*, 40:11-16.

Sayan, M., Mustafayev, T.Z., Atalar, B., Gungor, G., Ozyar, E. (2020). Magnetic Resonance-Guided Radiation Therapy to Boost Cervical Cancer When Brachytherapy Is Not Available: A Case Report. *Advances in Radiation Oncology*, 5(5):1066-1070.

Ovarian

Henke, L.E., Stanley, J.A., Robinson, C., Srivastava, A., Contreras, J.A., Curcuru, A., et al. (2022). Phase I Trial of Stereotactic MRI-Guided Online Adaptive Radiation Therapy (SMART) for the Treatment of Oligometastatic Ovarian Cancer. *International Journal of Radiation Oncology*Biography*Physics*, 112(2):379-389.

Prostate

Bohoudi, O., Lagerwaard, F.J., Bruynzeel, A.M.E., Niebuhr, N.I., Johnen, W., Senan, S., et al. (2019). End-to-end empirical validation of dose accumulation in MRI-guided adaptive radiotherapy for prostate cancer using an anthropomorphic deformable pelvis phantom. *Radiotherapy and Oncology*, 141:200-207.

Bohoudi, O., Bruynzeel, A.M., Tetar, S., Slotman, B.J., Palacios, M.A., Lagerwaard, F.J. (2021). Dose accumulation for personalized stereotactic MR-guided adaptive radiation therapy in prostate cancer. *Radiotherapy and Oncology*, 157:197-202.

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Renal

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GASTROINTESTINAL (GI)**Esophageal**

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Gastric

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Liver

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Pancreas

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Rectal

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GI - OTHER

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THORACIC

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