

Department of Radiology

New Staff Arrivals, Awards, Honors & Leadership Positions

As of Oct. 2026

New & Upcoming Faculty

July through present, including upcoming fall 2026 arrivals:

Abdominal Radiology

- Youssef Ghosn
- Yukiyoshi Kimura-Sandoval
- Nazmi Kurt

Breast Imaging

- Cory Weiss
- Dafne Soto
- Gunjan Senapati
- Stephanie Chung

Cardiothoracic Imaging

- Binh Nguyen
- Claudia Pacheco
- Karen Song
- Milena Petranovic
- Prajwal Dhakal
- Rudra Upadhyaya
- Surabhi Agarwal

Community Breast Imaging

- Andy Guo
- Naveen Ghuman

Interventional Radiology

- Katarina Anderson
- Peter Li
- Yiing Hu
- Yiftach Barash

Musculoskeletal Imaging

- Boris Sokolovski
- Jeff Wang

Neuroradiology

- Jose Alejandro Bacalla
- Karin Adrai
- Libby Katson
- Serkan Akbas

Nuclear Medicine

- Hina Shah
- Hongyoon Choi
- Matthew Robertson
- Zhiyang (Alec) Wei

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Awards, Honors & Leadership Positions

- **Karen Lee, MD** was appointed Vice Chair for Education, effective September 15, 2026, and Director of the Herbert Gramm Education Academy.
- **Gilad Borisovsky, MD** was appointed Associate Fellowship Program Director for the Cardiothoracic Imaging Fellowship.
- **Gunjan Senapati, MD** assumed the role of Fellowship Program Director for the combined BIDMC/DFCI Breast Imaging Fellowship.
- **Katarina Anderson, MD** was elected Second Vice President of the New England Society of Interventional Radiology.
- **Derek Chicarelli, MD** was appointed Chief of BID-Plymouth Radiology.

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Service Line Updates

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Dana-Farber Beth Israel Deaconess Cancer Collaboration

- **Nuclear Medicine:** BIDMC-HMFP Radiology assumed responsibility for Nuclear Medicine professional interpretations at Dana-Farber beginning July 1.
- **Breast Imaging:** Consultative Breast Imaging services transitioned July 15, followed by professional interpretations of DFCI Breast Imaging on August 1.
- **Chest/Abdominal Imaging:** Chest and Abdominal professional interpretation responsibilities expanded beginning August 1, with Chest/Abdominal consultations transitioning to BIDMC-HMFP coverage.
- **Body Imaging and Neuroradiology:** On September 1, BIDMC-HMFP Radiology assumed responsibility for 100% of DFCI Body Imaging interpretations and Neuroradiology RC consultations.
- **October milestone:** By October 1, all imaging performed at DFCI was being interpreted by HMFP radiologists, including Nuclear Medicine, Breast Imaging, Chest/Abdominal Imaging, Neuro consultations, and Neuro and MSK reads. The professional imaging transitions were completed **more than two months ahead of the original implementation plan**.
- Three additional workstations were installed in the primary DFCI reading room, bringing capacity to **17 workstations**, with renovations underway to accommodate two additional stations for a planned total of 19.
- A new **photon-counting CT scanner** was nearing completion of installation and preparation in Rosenberg 3.
- Breast Imaging implemented software supporting **Contrast-Enhanced Mammography Stereotactic Biopsy**.

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Clinical Trials

As of Oct. 2026

Outcomes of cholangiocarcinoma patients after surgery with and without neoadjuvant Yttrium-90 Radioembolization.

PI: Muneeb Ahmed, MD

Contact Cancer Clinical Trials at 617-975-7403 or cancerclinicaltrialsinfo@bidmc.harvard.edu

MRI Evaluation of Aging Related Changes to the Brain

PI: David Alsop, PhD

Contact David Alsop at 617-667-0275 or dalsop@bidmc.harvard.edu

Impact of breast MRI in clinical evaluation and practice: audit of MR imaging data

PI: Vandana Dialani, MD

Contact BIDMC Group Mailbox Radiology Imaging Group M at RadiologyImagingTrials@bidmc.harvard.edu

A Safety and Feasibility Single-Arm Study of a Novel Catheter Thrombectomy Device For the Treatment of Pulmonary Embolism (ENGULF)

PI: Salomao Faintuch, MD

Contact Salomao Faintuch at 617-754-2523 or sfaintuc@bidmc.harvard.edu

Tumor response and survival outcomes in hepatocellular carcinoma patients treated with locoregional therapy

PI: Ammar Sarwar, MD

Contact Cancer Clinical Trials at 617-975-7403 or cancerclinicaltrialsinfo@bidmc.harvard.edu

RAPID-PE Study: RESCUE Advanced Protocol without ICU stay and no lytic Drip - for the Treatment of Pulmonary Embolism

PI: Jeffrey Weinstein, MD

Contact Jeffrey Weinstein at 617-667-7000 or jlweinst@bidmc.harvard.edu

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Publications

July-Oct. 2026

- Lotan T, Omar M, Barash Y, Kruskal JB, Ahmed M, Brook OR, Klang E, Gorenstein A. **Reference Quality of OpenEvidence across Five Medical Specialties.** *npj Health Systems.* 2026;3(1). DOI: 10.1038/s44401-026-00142-8.
- Jia E, Omar M, Barash Y, Brook OR, Ahmed M, Kruskal JB, Gorenstein A, Klang E. **OpenEvidence Errs on the Safe Side in a Structured Test of Triage Recommendations.** *International Journal of Medical Informatics.* 2026;222:106687. DOI: 10.1016/j.ijmedinf.2026.106687.
- Sorin V, Klang E. **Clinical AI Generators and Reviewers Must Be Tested Together.** *Journal of Medical Systems.* 2026;50(1). DOI: 10.1007/s10916-026-02454-6.
- Rawson JV, Albeik D. **Peer Review, Workforce Shortages and Artificial Intelligence: Perfect Storm or Opportunity?** *Academic Radiology.* 2026;33(9):3640-3641. DOI: 10.1016/j.acra.2026.06.058.
- Scharf Z, Muniz M, Tchitchkan E, et al. **An Assessment of Time Toxicity in Patients Receiving [177Lu]Lu-PSMA-617 for Metastatic Castration-Resistant Prostate Cancer (mCRPC).** *The Oncologist.* 2026. DOI: 10.1093/oncolo/oyag327.
- Omar M, Naffaa ME, Agbareia R, et al. **AI-Assisted Rheumatology Triage Changes With Referral Framing.** *Rheumatology.* 2026. DOI: 10.1093/rheumatology/keag414.
- Sorin V, Klang E. **AI Scribe Safety: Measuring What Happens After Signing.** *JMIR Medical Informatics.* 2026;14:e103162. DOI: 10.2196/103162.
- Sorin V, Klang E, Korfiatis P, Bratt A, Collins JD. **From Model Accuracy to Patient Benefit: Rethinking Evaluation of Radiology AI.** *Journal of the American College of Radiology.* 2026. DOI: 10.1016/j.jacr.2026.08.005.
- Mudrik A, Dodge A, Moore Galindo A, et al. **Sex-Related Performance Disparities in Convolutional Neural Networks for Imaging-Based Assessment of Coronary Atherosclerosis and Ischemic Heart Disease: A Systematic Review.** *Journal of Imaging Informatics in Medicine.* 2026. DOI: 10.1007/s10278-026-02173-x.

Publications are updated daily on the Department of Radiology's [OpenScholar research website](#).

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Publications

July-Oct. 2026

- Tessler I, Omar M, Wolfowitz A, et al. **Sociodemographic Bias in LLMs' Clinical Decision-Making for Dizziness.** *Journal of Vestibular Research.* 2026. DOI: 10.1177/09574271261474218.
- Dou Q, Mirrione SM, Dos Santos K, et al. **Hyperpolarized [2-13C]Pyruvate Identifies Mitochondria-Active Hepatocellular Carcinoma Phenotype With Vulnerability to Mitochondrial Inhibition.** *NMR in Biomedicine.* 2026;39(9):e70360. DOI: 10.1002/nbm.70360.
- Adiniaev Y, Omar M, Timor TM, et al. **ChatGPT and Other Large Language Models in Inflammatory Arthritis: A Systematic Review Across Clinical Tasks.** *The Journal of Rheumatology.* 2026. DOI: 10.3899/jrheum.2026-0444.
- Sorin V, Collins JD, Hahn LD, et al. **Case-Matched Retrieval Improves Textual Alignment of LLM-Generated Radiology Impressions.** *PLOS ONE.* 2026;21(7):e0354688. DOI: 10.1371/journal.pone.0354688.
- Gorenstein A, Adiniaev Y, Omar M, et al. **The Unsteady Return of Bedside Motor Command Following After Acute Brain Injury.** *Neurocritical Care.* 2026. DOI: 10.1007/s12028-026-02624-x.
- Chauhan A, Weiss HL, Kunos C, et al. **Multi-Center Phase 1 Study of Triapine in Combination With [177Lu]Lutetium-Dotatate in Patients With Well-Differentiated Neuroendocrine Tumors (ETCTN 10388).** *Clinical Cancer Research.* 2026. DOI: 10.1158/1078-0432.CCR-26-0686.
- Akbasli IT, Ozturk B, Serin O, et al. **OCR-Mediated Modality Dominance in Vision-Language Models: Implications for Radiology AI Trustworthiness.** *Journal of Medical Imaging.* 2026;13(4):045501. DOI: 10.1117/1.JMI.13.4.045501.
- Kowek LM, Agarwal P, Brosnahan SB, et al. **Pulmonary Embolism Reporting and Data System (PE-RADS™) V2026 for the Diagnosis of Acute Pulmonary Embolism on CT and MR Angiography.** *Chest.* 2026. DOI: 10.1016/j.chest.2026.06.006.
- Bulman J. **Quantifying the True Costs of Venous Disease.** *Endovascular Today.* July 2026.

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