

Ronik Bhangoo, M.D.

Ironwood Cancer and Research Centers

Division of Radiation Oncology

Breast, Genitourinary Malignancies
Myeloma & Lymphoma Subdivision

Education:

University of Arizona College of Medicine
Medical Doctor

Phoenix, AZ
June 2015

Mayo Clinic College of Medicine
Radiation Oncology

Phoenix, AZ
July 2017-June 2021

Cedars Sinai Medical Center
Diagnostic Radiology

Los Angeles, CA
July 2016-June 2017

Yale University
Bachelor of Arts

New Haven, CT
May 2010

Professional Experience:

August 2019 – Present Radiation Oncologist, Ironwood Cancer & Research Centers, Mesa, AZ

June 2021 – Dec 2021 Radiation Oncologist, Arizona Oncology, Glendale, AZ

Activities and Honors:

Certifications:

Board Certified in Radiation Oncology

Awards, Honors and Committees:

Top Doctor Award, 2023, PHOENIX Magazine

Assistant Professor of Radiation Oncology, 2020, Mayo Clinic

Marley Endowment Fund (Research Grant), 2020, Mayo Clinic

Senior Resident Associate, 2020, Mayo Clinic

Chief Resident, 2019-2020, Mayo Clinic

Professional Memberships:

American Society for Radiation Oncology (ASTRO)	2017-Present
American Board of Radiology (ABR)	2016-Present
American Medical Association (AMA)	2011-Present

Publications:

Laughlin BS, **Bhangoo RS** *et al.* Proton therapy for isolated local regional recurrence of breast cancer after mastectomy alone. *Front Oncol.* 2022 Nov 28;12:925078. PMID: 36518323

Laughlin BS, **Bhangoo RS** *et al.* Patient-reported outcomes for patients with breast cancer undergoing radiotherapy: A single-center registry experience. *Front Oncol.* 2022 Aug 26;12:920739. PMID: 36091145

Bhangoo RS *et al.* Radiation recall dermatitis: A review of the literature. *Semin Oncol.* 2022 Apr;49(2):152-159. PMID: 35585004

Bhangoo RS *et al.* Biologically Effective Dose and Rectal Bleeding in Definitive Proton Therapy for Prostate Cancer. *Int J Part Ther.* 2021 Sep 8;8(4):37-46. PMID: 35530190

Thorpe CS...**Bhangoo RS** *et al.* Patient-reported outcomes version of the common terminology criteria for adverse events and quality-of-life linear analogue self-assessment in breast cancer patients receiving radiation therapy: single-institution prospective registry. *J Patient Rep Outcomes.* 2022 Jan 10;6(1):3. PMID 35006393

Bulman GF, **Bhangoo RS** *et al.* Dose-volume histogram parameters and patient-reported EPIC-Bowel domain in prostate cancer proton therapy. *Radiat Oncol J.* 2021 Jun;39(2):122-128. PMID: 34619829

Bhangoo RS *et al.* Intensity-Modulated Proton Therapy for Hepatocellular Carcinoma: Initial Clinical Experience. *Adv Radiat Oncol.* 2021 Mar 2;6(4):100675. PMID: 34409199

Feng H...**Bhangoo RS** *et al.* Technical Note: 4D robust optimization in small spot intensity-modulated proton therapy (IMPT) for distal esophageal carcinoma. *Med Phys.* 2021 Aug;48(8):4636-4647. PMID: 34058026

Anderson JD...**Bhangoo RS et al.** Unplanned implant removal in locally advanced breast cancer. *Breast J.* 2021 May;27(5):466-471. PMID: 33715231

Yang Y...**Bhangoo RS et al.** Dose-Linear Energy Transfer (LET) Volume Histogram (DLVH) for Adverse Events Study in Intensity-Modulated Proton Therapy (IMPT). *Int J Radiat Oncol Biol Phys* 2021 Jul 15;110(4):1189-1199. PMID: 33621660

Bhangoo RS et al. Obstructive Rectosigmoid Colon Solitary Extramedullary Plasmacytoma. *Dig Liver Dis.* 2021 Apr;53(4):496-497. PMID: 33376074

Feng H...**Bhangoo RS et al.** Beam angle comparison for distal esophageal carcinoma patients treated with intensity-modulated proton therapy. *J Appl Clin Med Phys.* 2020 Oct 15;21(11):141-52. PMID 33058523

Bhangoo RS et al. Acute toxicities and short-term patient outcomes after intensity-modulated proton therapy or intensity-modulated photon radiotherapy for esophageal carcinoma: The Mayo Clinic Experience. *Adv Radiat Oncol.* 2020 May 19; 5(5): 871-879. PMID: 33083649

Liu C...**Bhangoo RS et al.** Technical Note: Treatment planning system (TPS) approximations matter - comparing intensity-modulated proton therapy (IMPT) plan quality and robustness between a commercial and an in-house developed TPS for non-small cell lung cancer (NSCLC). *Med Phys.* 2019 Nov; 46(11):4755-4762. PMID: 31498885

Liu C, **Bhangoo RS et al.** Dosimetric comparison of distal esophageal carcinoma plans for patients treated with small-spot intensity-modulated proton versus volumetric-modulated arc therapies. *J Appl Clin Med Phys.* 2019 Jul; 20(7):15-27. PMID: 31112371

Bhangoo RS et al. Radiation Recall Dermatitis After the Use of Pralatrexate for Peripheral T-cell Lymphoma. *Adv Radiat Oncol.* 2018 Oct 12; 4(1):31-34. PMID: 30706007

Parikh CR, Hall IE, **Bhangoo RS et al.** Associations of perfusate biomarkers and pump parameters with delayed graft function and deceased donor kidney allograft function. *Am J Transplant.* 2016 May; 16(5): 1526-39. PMID: 26695524

Hall IE*, **Bhangoo RS* et al.** Glutathione S-Transferase iso-enzymes in perfusate from pumped kidneys are associated with delayed graft function. *Am J Transplant.* 2014 Apr; 14(4): 886-96. *Both authors are co-first authors. PMID: 24612768

Bhangoo RS et al. Deceased-donor kidney perfusate and urine biomarkers for kidney allograft outcomes: a systematic review. *Nephrol Dial Transplant.* 2012 Aug; 27(8): 3305-14. PMID: 22498916

Joshi MP, **Bhangoo RS**, Kumar K. Quality of nutrition related information on the internet for osteoporosis patients: a critical review. Technol Health Care. 2011; 19(6): 391-400. PMID: 22129940

Research Trials:

Sub investigator in Ironwood Cancer and Research Centers trials, please refer to website for details.

Other Activities:

Traveling, Music, Tennis