

CURRICULUM VITAE

Personal Information

Title	Prof	
Name	Anwar Padhani	
Degree	MBBS FRCR	
Country	UK	
Affiliation	Mount Vernon Cancer Centre, UK	
Department	Paul Strickland Scanner Centre	

Educational Background

- 1) MB BS - University of Mysore, India – May 1985
- 2) LRCP, LRCS (Edin), LRCP&S (Glas) - Royal Colleges of Scotland - 1984
- 3) MRCP (UK) - Royal College of Physicians, London - 1987
- 4) FRCR - Royal College of Radiologists – 1991

Professional Career

1. Radiology Rotation: Addenbrooke's Hospital, Cambridge. October 1988 - February 1991
2. Senior Registrar Rotation: Guy's Hospital, London. March 1991 - June 1994
3. Chest and Cross-Sectional Radiology Fellowship: The Johns Hopkins Hospital, Baltimore, Maryland, USA. July 1992 to June 1993.
4. Senior Lecturer (faculty) and Honorary Consultant Radiologist (July 1994 – June 2000), Academic Department of Diagnostic Radiology, Royal Marsden Hospital, UK

1. Professional activities (last 5 years)

- International Cancer Imaging Society (ICIS) – trustee (2009 – current), member - executive committee (2010-2012), President (2012), Executive chair (2015-2018)
- Prostate Imaging Reporting and Data System (PI-RADS) committee (2013-current)
- American College of Radiology (ACR) – RADS Steering committee member (2022-current)

2. International consensus panels/workshops/advisory board participation

PRECISE v2, PIQUAL v2, PI-CAI challenge, Advanced Prostate Cancer Consensus Conference (APCCC), ESMO Advanced Prostate Cancer Guideline Committee,

Research Field

Prostate MRI – diagnosis, pathway, artificial intelligence, quality control
Whole body MRI – diagnosis and therapy response
Advanced prostate cancer – diagnosis, monitoring response, survival

Main Scientific Publications

1: Schoots IG, Ahmed HU, Albers P, Asbach P, van den Bergh RCN, Godtman RA, van Leeuwen PJ, Nordström T, Punwani S, Wallström J, **Padhani AR**. Magnetic Resonance Imaging-based Biopsy Strategies in Prostate Cancer Screening: A Systematic Review. Eur Urol. 2025 Sep;88(3):247-260. doi: 10.1016/j.eururo.2025.05.038. Epub 2025 Jun 13. PMID: 40514255.

2: Saha A, Bosma JS, Twilt JJ, van Ginneken B, Bjartell A, **Padhani AR**, Bonekamp

D, Villeirs G, Salomon G, Giannarini G, Kalpathy-Cramer J, Barentsz J, Maier-Hein KH, Rusu M, Rouvière O, van den Bergh R, Panebianco V, Kasivisvanathan V, Obuchowski NA, Yakar D, Elschot M, Veltman J, Fütterer JJ, de Rooij M, Huisman H; PI-CAI consortium. Artificial intelligence and radiologists in prostate cancer detection on MRI (PI-CAI): an international, paired, non-inferiority, confirmatory study. *Lancet Oncol*. 2024 Jul;25(7):879-887. doi: 10.1016/S1470-2045(24)00220-1. Epub 2024 Jun 11. PMID: 38876123; PMCID: PMC11587881.

3: James ND, Tannock I, N'Dow J, Feng F, Gillessen S, Ali SA, Trujillo B, Al-Lazikani B, Attard G, Bray F, Compérat E, Eeles R, Fatiregun O, Grist E, Halabi S, Haran A, Herchenhorn D, Hofman MS, Jalloh M, Loeb S, MacNair A, Mahal B, Mendes L, Moghul M, Moore C, Morgans A, Morris M, Murphy D, Murthy V, Nguyen PL, **Padhani A**, Parker C, Rush H, Sculpher M, Soule H, Sydes MR, Tilki D, Tunariu N, Villanti P, Xie LP. The Lancet Commission on prostate cancer: planning for the surge in cases. *Lancet*. 2024 Apr 27;403(10437):1683-1722. doi: 10.1016/S0140-6736(24)00651-2. Epub 2024 Apr 4. Erratum in: *Lancet*. 2024 Apr 27;403(10437):1634. doi: 10.1016/S0140-6736(24)00748-7. PMID: 38583453; PMCID: PMC7617369.

4: Penzkofer T, **Padhani AR**, Turkbey B, Haider MA, Huisman H, Walz J, Salomon G, Schoots IG, Richenberg J, Villeirs G, Panebianco V, Rouviere O, Logager VB, Barentsz J. ESUR/ESUI position paper: developing artificial intelligence for precision diagnosis of prostate cancer using magnetic resonance imaging. *Eur Radiol*. 2021 Dec;31(12):9567-9578. doi: 10.1007/s00330-021-08021-6. Epub 2021 May 15. PMID: 33991226; PMCID: PMC8589789.

5: Petralia G, Koh DM, Attariwala R, Busch JJ, Eeles R, Karow D, Lo GG, Messiou C, Sala E, Vargas HA, Zugni F, **Padhani AR**. Oncologically Relevant Findings Reporting and Data System (ONCO-RADS): Guidelines for the Acquisition, Interpretation, and Reporting of Whole-Body MRI for Cancer Screening. *Radiology*. 2021 Jun;299(3):494-507. doi: 10.1148/radiol.202101740. Epub 2021 Apr 27. PMID: 33904776.

6: Schoots IG, Barentsz JO, Bittencourt LK, Haider MA, Macura KJ, Margolis DJA, Moore CM, Oto A, Panebianco V, Siddiqui MM, Tempany C, Turkbey B, Villeirs GM, Weinreb JC, **Padhani AR**. PI-RADS Committee Position on MRI Without Contrast Medium in Biopsy-Naive Men With Suspected Prostate Cancer: Narrative Review. *AJR Am J Roentgenol*. 2021 Jan;216(1):3-19. doi: 10.2214/AJR.20.24268. Epub 2020 Nov 19. PMID: 32812795.

7: Trabulsi EJ, Rumble RB, Jadvar H, Hope T, Pomper M, Turkbey B, Rosenkrantz AB, Verma S, Margolis DJ, Froemming A, Oto A, Purysko A, Milowsky MI, Schlemmer HP, Eiber M, Morris MJ, Choyke PL, **Padhani A**, Oldan J, Fanti S, Jain S, Pinto PA, Keegan KA, Porter CR, Coleman JA, Bauman GS, Jani AB, Kamradt JM, Sholes W, Vargas HA. Optimum Imaging Strategies for Advanced Prostate Cancer: ASCO Guideline. *J Clin Oncol*. 2020 Jun 10;38(17):1963-1996. doi: 10.1200/JCO.19.02757. Epub 2020 Jan 15. PMID: 31940221.

8: **Padhani AR**, Barentsz J, Villeirs G, Rosenkrantz AB, Margolis DJ, Turkbey B, Thoeny HC, Cornud F, Haider MA, Macura KJ, Tempany CM, Verma S, Weinreb JC. PI-RADS Steering Committee: The PI-RADS Multiparametric MRI and MRI-directed Biopsy Pathway. *Radiology*. 2019 Aug;292(2):464-474. doi: 10.1148/radiol.2019182946. Epub 2019 Jun 11. PMID: 31184561; PMCID: PMC6677282.

9: Messiou C, Hillengass J, Delorme S, Lecouvet FE, Mouloupoulos LA, Collins DJ, Blackledge MD, Abildgaard N, Østergaard B, Schlemmer HP, Landgren O, Asmussen JT, Kaiser MF, **Padhani A**. Guidelines for Acquisition, Interpretation, and Reporting of Whole-Body MRI in Myeloma: Myeloma Response Assessment and Diagnosis System (MY-RADS). *Radiology*. 2019 Apr;291(1):5-13. doi: 10.1148/radiol.2019181949. Epub 2019 Feb 26. PMID: 30806604.

10: **Padhani AR**, Lecouvet FE, Tunariu N, Koh DM, De Keyzer F, Collins DJ, Sala E, Schlemmer HP, Petralia G, Vargas HA, Fanti S, Tombal HB, de Bono J. METastasis Reporting and Data System for Prostate Cancer: Practical Guidelines for Acquisition, Interpretation, and Reporting of Whole-body Magnetic Resonance Imaging-based Evaluations of Multiorgan Involvement in Advanced Prostate Cancer. *Eur Urol.* 2017 Jan;71(1):81-92. doi: 10.1016/j.eururo.2016.05.033. Epub 2016 Jun 14. PMID: 27317091; PMCID: PMC5176005.