
Format: Abstract

Clin Nucl Med. 2019 Jan 25. doi: 10.1097/RLU.0000000000002473. [Epub ahead of print]

68Ga-PSMA-11 PET/MR Can Be False Positive in Normal Prostatic Tissue.

Ferraro DA, Rupp NJ¹, Donati OF², Messerli M, Eberli D³, Burger IA.

- 1 Department of Pathology and Molecular Pathology, University Hospital and University of Zürich.
- 2 Institute of Diagnostic and Interventional Radiology, University Hospital Zürich.
- 3 Department of Urology, University Hospital Zürich, University of Zürich, Zürich, Switzerland.

Prostate-specific membrane antigen (PSMA) is a transmembrane glycoprotein expressed in the cytosol of normal prostate tissue and highly overexpressed on the membrane of prostate cancer, therefore increasingly used to image prostate cancer. We report a case of a 65-year-old man with two focal PSMA-positive areas on a Ga-PSMA-11 PET/MR, one corresponding to a prostate carcinoma (Gleason score 4 + 3) and another region without any evidence of malignancy, but with corresponding high PSMA-expression on immunohistochemistry.

PMID: 30688746 DOI: [10.1097/RLU.0000000000002473](https://doi.org/10.1097/RLU.0000000000002473)
