Interpretation of Multiparametric MRI Prostate and PIRADS Score

Abstract:

Multiparametric MRI (mpMRI) is an important diagnostic tool for the localization, characterization and staging of prostate tumors. It should be performed for better assessment of a “clinically significant prostate carcinoma”. Standardization of interpreting and reporting of prostate MRI is critical to maximize the clinical impact of the examination across centers and practice settings. Hence Prostate Imaging Reporting and Data Systems (PIRADS) V1 was launched in 2012 by European Society of Urogenital Radiology (ESUR). The revised version of PIRADS V2 was made with collaboration between American College of Radiology, ESUR and AdMeTech Foundation in 2014. It was designed to improve detection, localization, characterization and risk stratification in patients with suspected cancer.