



Imaging-Based Diagnosis of Prostate Cancer: State of the Art

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Message from the Guest Editor

This Special Issue of *Diagnostics*, entitled “Imaging-Based Diagnosis of Prostate Cancer: State of the Art”, compiles articles on a number of research areas, such as, but not restricted to:

1. Scanning patients with suspected PCa with a number of imaging modalities, such as multi-parametric MRI, fused with ultrasound, Positron Emission Tomography combined with Computed Tomography (PET/CT) have been used to detect prostate cancer and localize the lesion.
2. Enhancement to AI applied to MP-MRI through refinements of neural algorithms, texture generation.
3. Combining patient data with imaging to predict clinically significant prostate cancer (csPCa).
4. Applying supervised and unsupervised target detection algorithms to spatially registered multi-parametric MRI to assess prostate cancer.
5. Spatial registration techniques.
6. Incorporating and combining novel biomarkers with imaging to predict clinically significant prostate cancer.
7. Comparison of results from different clinics, clinical situations (i.e., different magnetic fields).





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Message from the Editor-in-Chief

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