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PET and NSCLC outcomes: Steiger and colleagues explore volume-based PET metrics, including metabolic tumor volume, total lesion glycolysis, and background activity-based PET measurements, as prognostic markers for progression-free and overall survival in early-stage non-small cell lung cancer.Page 1925

Early ¹⁸F-FDG PET and CT response: Fledelius and colleagues identify an optimal method for early evaluation with ¹⁸F-FDG PET/CT for prediction of later response on CT in patients with erlotinib-treated non-small cell lung cancer.Page 1931

PSMA PET/CT of synchronous malignancy: Osman and colleagues evaluate the incidence of synchronous primary malignancies in patients undergoing ⁶⁸Ga-labeled prostate-specific membrane antigen PET/CT for prostate cancer.Page 1938

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PSMA PET/CT lymph node-positive PCa: Vinsensia and colleagues correlate the dimensions, volume, localization, and SUV_{max} of nodal metastases identified by ⁶⁸Ga-PSMA with Gleason score at diagnosis in men with prostate-specific antigen relapse.Page 1949

⁶⁸Ga-PSMA-11 PET and patient management: Hope and colleagues estimate the effect of ⁶⁸Ga-labeled prostate-specific membrane antigen-11 PET on the intended management of patients with biochemically recurrent prostate cancer.Page 1956

Volumetric ⁶⁸Ga-PSMA ligand PET: Schmuck and colleagues evaluate whether prostate-specific membrane antigen ligand PET/CT can provide PSMA-derived volumetric parameters for quantification of whole-body tumor burden in patients with metastatic prostate cancer.Page 1962

PSMA agents and prostate cancer: Hicks and colleagues provide perspective on the successes of ⁶⁸Ga-labeled prostate-specific membrane antigen agents and preview a paper in this month's *JNM* on the prognostic significance of a negative ⁶⁸Ga-PSMA-11 scan in salvage radiotherapy.Page 1969

⁶⁸Ga-PSMA PET-informed treatment: Emmett and colleagues examine the value of prostate-specific membrane antigen-informed salvage radiation treatment in improving outcomes in the context of biochemical failure after radical prostatectomy.Page 1972

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¹⁸F-FCP PET: Lamichhane and colleagues report on an ¹⁸F-labeled carboplatin derivative with the potential for personalized PET imaging of drug uptake and retention, including intratumoral distribution.Page 1997

¹⁸F-FTC-146 dosimetry: Hjørnevik and colleagues assess the safety, biodistribution, and radiation dosimetry in humans of this highly selective σ -1 receptor PET agent with potential for application in a variety of neuroinflammatory diseases.Page 2004

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AUC for ¹⁸F-FDG PET/CT: Jadvar and colleagues from U.S. and European molecular imaging and oncology associations present evidence-based appropriate use criteria for ¹⁸F-FDG PET/CT in restaging and treatment response of malignant disease.Page 2026