

Topical Collection

Radiomics in Abdominal Diseases

Message from the Collection Editors

Recently, radiomics has gained attention as a method for computerized image analyses. Radiomics can perform diagnostic or predictive tasks using high-dimensional image-derived features, used to measure tissue heterogeneity based on the distribution of pixel values, not affected by human vision and subjective analyses. Radiomics has the potential to expand the capabilities of abdominal imaging beyond the scope of traditional visual image analyses, with broad application prospects as a promising tool in tumor assessment and as a predictor of prognoses and treatment responses in the oncologic field. This collection aims to report the technical principles of radiomics and its application status with the perspective of abdominal diseases.

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