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Manuscript Type: ORIGINAL ARTICLE

Retrospective Study

Prediction of different stages for rectal cancer: Texture analysis based on diffusion-weighted images and apparent diffusion coefficient maps

Yin JD *et al.* TA for predicting stages of rectal cancer

Jian-Dong Yin, Li-Rong Song, He-Cheng Lu, Xu Zheng

Abstract

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of TA **based** on **ADC maps**, for staging of **rectal cancer**, has not been documented. The purpose of this study was to explore the potential of **texture**-related attributes on **ADC maps** in predicting the extent of local invasion (pathological **stage** T1-2 vs. T3-4) and nodal involvement (N0 vs. N1-2) in patients with **rectal cancer**.

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Author: Zihua Lu, Lei Wang, Kaijian Xia, H...

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