

A more accurate model for the edge segmentation of knee cartilage: 3D-CNND

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A segmentation model with high accuracy and robustness that can identify knee cartilage is the key of the computer-aided diagnosis of knee arthritis. In this paper, we propose a keen segmentation method 3D-CNND (Convolutional Neural Networks and Domain Stochastic) based on the 3D-CNN, which adopts the adversarial domain stochastic algorithm for model optimization.