Semiautomatic segmentation and follow-up of multicomponent low-grade tumors in longitudinal brain MRI studies.

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Abstract:

Tracking the progression of low grade tumors (LGTs) is a challenging task, due to their slow growth rate and associated complex internal tumor components, such as heterogeneous enhancement, hemorrhage, and cysts. In this paper, the authors show a semiautomatic method to reliably track the volume of LGTs and the evolution of their internal components in longitudinal MRI scans.

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