

**3D Slicer as a Research Platform
for Medical Image Computing**

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要旨

3D Slicer is a free open source software application for medical image computing. Part of a modular software Platform (the NA-MIC kit), 3D Slicer enables a variety of activities including segmentation, registration and data fusion, visualization of simple and complex biomedical images, change tracking and analysis and visualization of DTI data. Slicer was developed to enable research in the fields of biomedical imaging and image guided therapy. The demonstration will include examples of tracking changes in brain tumors, analyzing the deformation of white matter tracts in the vicinity of brain tumors and the visualization of PET CT data.



主催: 東京大学グローバルCOEプログラム「機械システム・イノベーション国際拠点」
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