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## Supplementary Materials for

### **Twofold improved tumor-to-brain contrast using a novel T1 relaxation-enhanced steady-state (T<sub>1</sub>RESS) MRI technique**

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#### **The PDF file includes:**

Legend for movie S1

#### **Other Supplementary Material for this manuscript includes the following:**

(available at [advances.sciencemag.org/cgi/content/full/6/44/eabd1635/DC1](https://advances.sciencemag.org/cgi/content/full/6/44/eabd1635/DC1))

Movie S1

**Supplementary Materials:**

**Movie S1.** 128-mm thick projection angiograms created from post-contrast 3D acquisitions. bT<sub>1</sub>RESS (right) shows markedly improved vascular detail compared with 3D spoiled GRE (left) due to the excellent vascular SNR and improved background tissue suppression.