

MAGNETIC RESONANCE IN MEDICINE

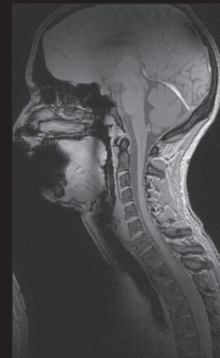
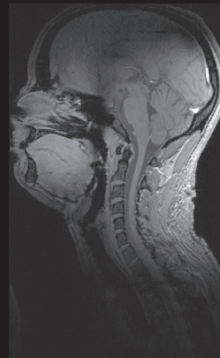
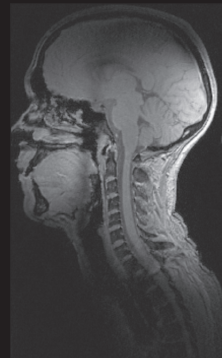
3D/2D Multi-Echo GRE at 7T with a Universal pTx RF shim

Test 1

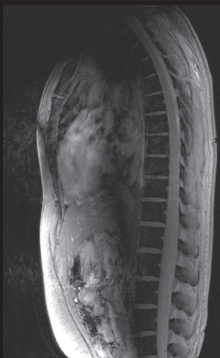
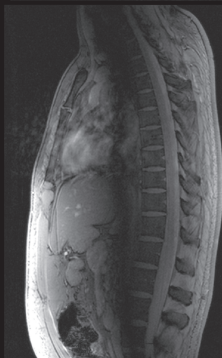
Test 2

Test 3

C-Spine
 $T_E=2.04$ ms



T/L-Spine
 $T_E=2.25$ ms



Examples from three volunteers of cervical spine images (from 3D images collected during free breathing) and thoracic-lumbar spine images (from 2D images collected with breath hold) obtained at 7 tesla using specially designed universal pulse sequences. From the article by Aigner et al. (pp. 1496-1510).

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