

**Title**

Structural white matter alterations in patients with shoulder apprehension.

**Short title**

Shoulder apprehension and brain structural changes.

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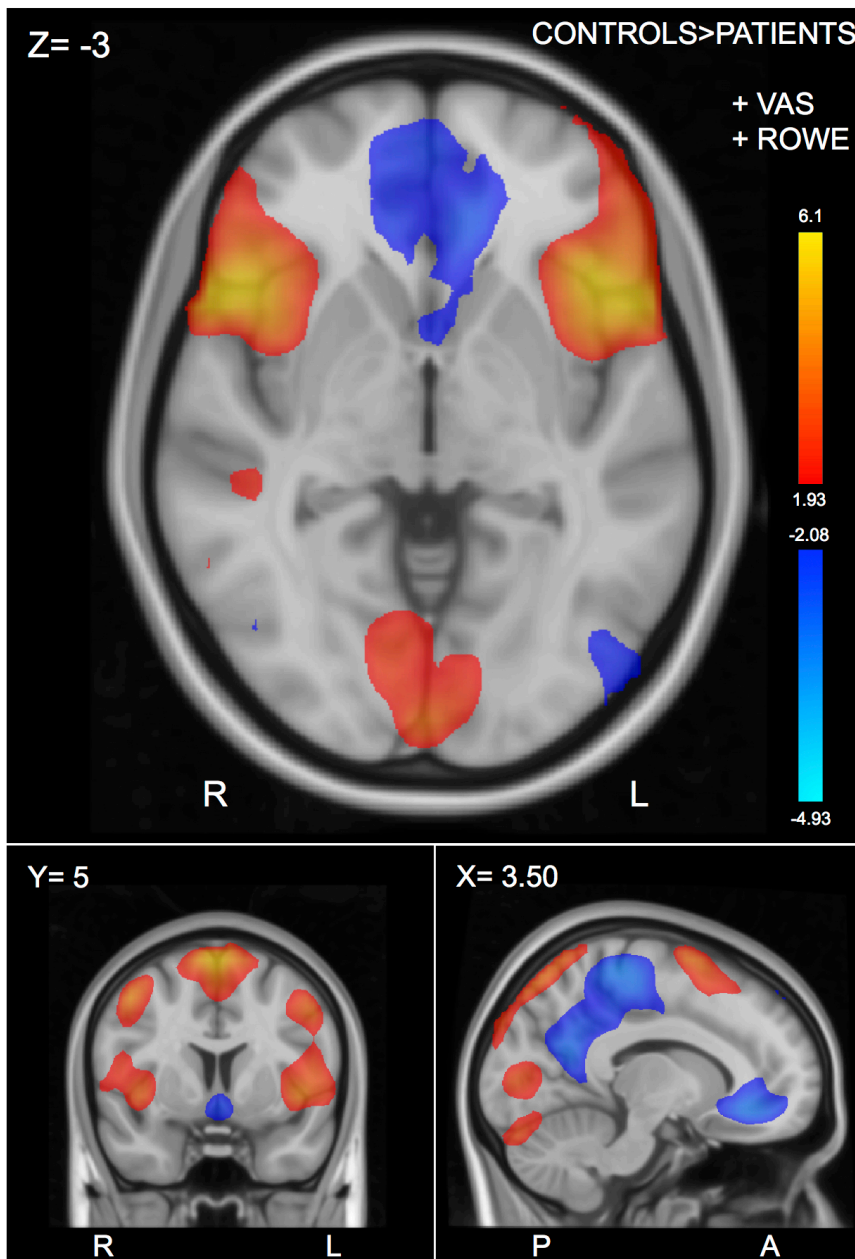
**Topics**

Pain, white matter, internal capsule, fMRI, DTI, plasticity

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## SUPPLEMENTARY MATERIAL



ICA results. After Tensor ICA, paired t-test analyses on S-modes values revealed significant differences ( $p < .01$ ) between controls and patients in a brain network showing hypoactivations in the ventral anterior cingulate cortex, in the posterior cingulate and precuneus, and hyperactivation of anterior insula, motor and somatosensory cortex.