ON-LINE FIGURE. Comparison between phase and QSM images with different parameters for regularization at 3T MR imaging. MS lesions with paramagnetic rims (yellow arrows) are easier to detect on phase (hypointense) than on QSM (hyperintense) images. QSM images are typically smoothed; this process can result in a loss of conspicuity for rims. Red arrows indicate the same rim lesion on axial and sagittal reformations.