

# Spin-echo sequence

The spin echo pulse sequence is the most commonly used [pulse sequence](#). The pulse sequence timing can be adjusted to give [T1](#)-weighted, Proton or spin density, and [T2](#)-weighted images.

Dual echo and multiecho sequences can be used to obtain both proton density and T2-weighted images simultaneously.

The two variables of interest in spin echo sequences is the repetition time (TR) and the echo time (TE). All spin echo sequences include a slice selective 90 degree pulse followed by one or more 180 degree refocusing pulses.

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