

# Dixon method

The Dixon [method](#) is an [Magnetic resonance imaging Sequence](#) based on chemical shift and designed to achieve uniform fat suppression. It has been gaining popularity as it has some advantages over other fat suppression techniques, namely:

suppression of fat signal is more uniform and less affected by artifacts than many other techniques can be combined with a variety of sequence types (e.g. spin echo, gradient echo, and steady state free precession sequences) can be combined with a variety of weightings (e.g. T1, T2 and proton density) provides images with and without fat suppression from a single acquisition not only shows presence of microscopic fat but it can also quantify the amount of fat

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