

# Download Enhanced Magnetic Resonance Imaging

Magnetic resonance imaging (MRI) is a medical imaging technique used in radiology to form pictures of the anatomy and the physiological processes of the body in both health and disease. MRI scanners use strong magnetic fields, magnetic field gradients, and radio waves to generate images of the organs in the body. If the address matches an existing account you will receive an email with instructions to reset your password. Magnetic resonance imaging (MRI) with a gadolinium-based contrast agent offers high spatial resolution and can identify acute myocardial infarction, 12-16 and this technique continues to be improved. Perfusion MRI or perfusion-weighted imaging (PWI) is perfusion scanning by the use of a particular MRI sequence. The acquired data are then postprocessed to obtain perfusion maps with different parameters, such as BV (blood volume), BF (blood flow), MTT (mean transit time) and TTP (time to peak).