PHILIPS

3D Non-selective

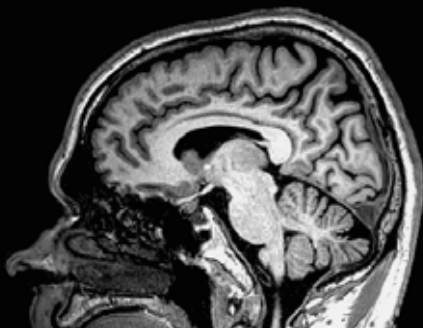MR Clinical application

Fast and robust
large volume 3D FFE imaging

3D Non-selective enables faster and more robust[1] large volume 3D FFE imaging in brain and cardiac applications. Thanks to shorter TR and TE, 3D Non-selective delivers a 9% faster protocol and improved grey-white matter contrast in Brain 3D TFE.[1] For cardiac applications, 3D Non-selective delivers 3D bFFE with reduced banding artifacts.[1]
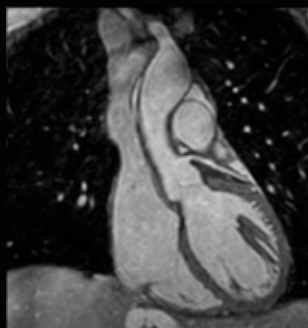
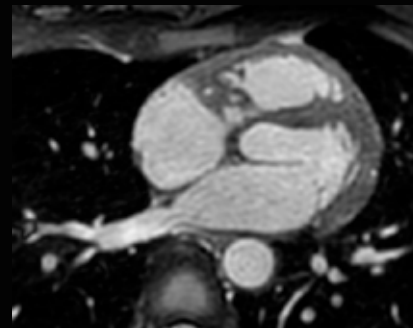1 Compared to Philips 3D Selective 3D FFE imaging.

3D Non-selective

Field strength	1.5T and 3.0T Ingenia MR systems
Main applications	Brain, Cardiac
Sequence	3D FFE, 3D TFE, 3D balanced FFE
Image contrast	Available for a range of contrasts, including T1w, T2w and PDw
Speed	Shorter TR and TE enables faster acquisition
Image quality	– Reduces black banding artifacts in cardiac bFFE – Improves grey-white matter contrast in brain

Non-selective 3D T1w TFE
Resolution: 1.0 x 1.0 x 1.0 mm
Scan time: 5:02 min
Ingenia Elition 3.0T

Non-selective 3D bFFE
Resolution: 1.5 x 1.5 x 1.5 mm
Scan time: 2:48 min
Ingenia 1.5T

Non-selective 3D bFFE
Resolution: 1.5 x 1.5 x 1.5 mm
Scan time: 2:48 min
Ingenia 1.5T

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