



Intervention	015. Open, Wide Bore and Upright Magnetic Resonance Imaging (MRI)
For	Diagnostic intervention
Commissioning position	<p>Use of MRI scanners other than conventional closed ones, is commissioned when a conventional closed MRI scanner can't be used due to physical limitation (obesity or other physical limitation) or claustrophobia, subject to the following conditions:</p> <p>Open MRI is commissioned if MRI is clinically essential to diagnosis or management and no other imaging modality e.g. CT, is considered suitable AND:</p> <ul style="list-style-type: none"> • A conventional closed MRI scan has been attempted (or considered), with sedative medication, if necessary, OR • A wide bore MRI scan has been attempted (or considered), with sedative medication, if necessary, OR • The person is unable to fit comfortably in a conventional or wide bore MRI scanner due to obesity or other physical limitation <p>Wide bore MRI is commissioned if MRI is clinically essential to diagnosis or management and no other imaging modality e.g. CT, is considered suitable AND:</p> <ul style="list-style-type: none"> • A conventional closed MRI scan has been attempted (or considered), with sedative medication, if necessary, OR • The person is unable to fit comfortably in a conventional scanner due to obesity or other physical limitation OR • The person's weight exceeds the maximum load of the conventional closed MRI scan table <p>Upright MRI is commissioned if MRI is clinically essential to diagnosis or management and no other imaging modality e.g. CT, is considered suitable AND:</p> <ul style="list-style-type: none"> • A conventional closed MRI scan has been attempted (or considered), with sedative medication, if necessary, OR • The person has significant desaturation and/or severe breathlessness when lying down due to a cardiorespiratory condition OR • The person has severe pain despite adequate analgesia when lying down that is relieved by standing or sitting • A load bearing MRI is essential to diagnosis or management
Summary of Rationale	<p>The number of patients who are unable to tolerate a conventional MRI scanner due to claustrophobia can be reduced to a minimum by using quieter, modern scanners with a short bore, keeping the scanning times to a minimum, using good communication techniques and by selective use of sedative medication.</p> <p>Compared with conventional closed MRI scanners, other MRI scanners take longer to perform a scan and the quality of the images produced is usually lower.</p>



References	https://www.nhs.uk/mental-health/conditions/claustrophobia/ https://www.nhs.uk/conditions/mri-scan/
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