

Brain Imaging Handbook.pdf

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[Functional magnetic resonance imaging - Wikipedia](#)

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Functional magnetic resonance imaging or functional MRI (fMRI) measures brain activity by detecting changes associated with blood flow. This technique relies on the fact that cerebral blood flow and neuronal activation are coupled. When an area of the brain is in use, blood flow to that region also increases.

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The human brain is the central organ of the human nervous system, and with the spinal cord makes up the central nervous system. The brain consists of the cerebrum, the brainstem and the cerebellum. It controls most of the activities of the body, processing, integrating, and coordinating the information it receives from the sense organs, and making decisions as to the instructions sent to the ...

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CHIARI MALFORMATION AND SYRINGOMYELIA A Handbook for Patients and their Families Ulrich Batzdorf, M.D., Editor Edward C. Benzel, M.D. Richard G. Ellenbogen, M.D.

[The Mathematical Brain: Author - Brian Butterworth](#)

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Why do we think we're so bad at maths, when we're all - almost all - born with brain circuits specialised for numbers? Our ability to use numbers has been the key from taking us from the Stone Age to the Phone Age. Trade, science and technology would be impossible without this ability. Neuroscientist Brian Butterworth argues that we are all born with brain circuits specialised for numbers.

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