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Blood Oxygen Level-Dependent Functional MRI

National Cancer Institute

Source

National Cancer Institute. *Blood Oxygen Level-Dependent Functional MRI*. NCI Thesaurus. Code C49099.

A magnetic resonance imaging technique that uses the difference between the magnetic signals of hemoglobin when it is carrying oxygen (oxyhemoglobin) and when it is not carrying oxygen (deoxyhemoglobin) to detect metabolic activity, and hence neurologic activity, in the brain.