

# Amobarbital effects and lateralized brain function - the Wada test

Springer-Verlag - What is the Wada test? — Brain Stuff



Description: -

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Neuropsychological Tests.

Amobarbital -- diagnostic use.

Epilepsy.

Amobarbital -- Diagnostic use.

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## Amobarbital Effects And Lateralized Brain Function The Wada Test PDF Book

In the case of left-handed persons, determination of laterality of language dominance was more complex. Once the angiogram is done, the catheter will stay in place for the Wada test.

### Intracarotid Sodium Amobarbital Procedure (Wada)

The Wada test looks at language and memory function on each side of the brain, one side at a time.

### Amobarbital Effects and Lateralized Brain Function: The Wada Test by David W. Loring, Kimford J. Meador, Gregory P. Lee, Don W. King

It is generally a safe procedure, as the sodium amobarbital doesn't have long lasting effects. For example, in the case of temporal lobe epilepsy, the removal of a small section of brain can help to prevent future seizures.

### Wada test

The test was later adopted to study hemispheric memory dominance but was met with less consistent success because of the vascular anatomy of the mesial temporal structures.

### Amobarbital dose effects on Wada memory testing

He injected procaine hydrochloride into the subdural space via a burr hole to create temporary lesions. Wada developed the technique of transient hemispheric anesthetization through carotid amytal injection to decrease the cognitive side effects associated with bilateral electroconvulsive therapy.

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