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Dysdiadochokinesia

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Synonyms

[Ataxia](#); [Dysmetria](#)

Definition

Dysdiadochokinesia refers to the inability to perform rapid alternating movements in a controlled, coordinated fashion. It is frequently observed in

cerebellar disorders. It causes a lack of rhythmicity in the performance of movements that require rhythmic alterations in the direction of a movement. Common ways to evaluate patients for dysdiadochokinesia include rapid, twisting, supination-pronation movements of the forearm, rhythmic toe or heel tapping, and tapping of the palm of one hand with fingers of the other hand, alternating between the front and back surface of the fingers (pronation/supination).

Cross-References

► [Cerebellum](#)