

Table 1. The major motor speech disorders.

<b>Type</b>	<b>Distinctive Underlying Deficit</b>	<b>Localization</b>
Dysarthrias		
Flaccid	Weakness	Lower motor neurons
Spastic	Spasticity	Upper motor neurons
Ataxic	Incoordination	Cerebellar control circuit
Hypokinetic	Rigidity; movement scaling problems	Basal ganglia control circuit
Hyperkinetic	Involuntary movements	Basal ganglia control circuit
Unilateral upper motor neuron (UMN)	One or more of UMN weakness, spasticity, incoordination	Upper motor neuron (unilateral)
Apraxia of speech	Motor planning/programming	Left hemisphere