

## Conditions Associated With Executive Dysfunction

Source: Gross RG, Grossman M (2010). Executive resources. *Continuum (Minneapolis, Minn)*. 16(4 Behavioral Neurology):140-52. doi: 10.1212/01.CON.0000368266.46038.0e. (Table 10-1 in article.)

### **Structural**

Stroke/vascular dementia  
Intracranial hemorrhage (eg,  
intraparenchymal hemorrhage, subdural  
hematoma)  
Tumor  
Normal pressure hydrocephalus  
Traumatic brain injury  
Multiple sclerosis  
Leukodystrophies (eg,  
adrenoleukodystrophy, metachromatic  
leukodystrophy, Alexander disease)  
Other autoimmune conditions (eg, lupus,  
CNS vasculitis)  
Radiation vasculopathy

### **Neurodegenerative**

Frontotemporal degeneration  
Alzheimer disease  
Huntington disease  
Parkinson disease  
Dementia with Lewy bodies  
Progressive supranuclear palsy  
Corticobasal degeneration  
Multiple system atrophy  
Motor neuron disease (eg, ALS)  
Creutzfeldt-Jakob disease

### **Infectious**

HIV/AIDS dementia complex  
Neurosyphilis  
Lyme disease  
Meningitis  
Viral encephalitis (including herpes simplex  
virus encephalitis)  
Delirium secondary to systemic infection  
(eg, urinary tract infection)

### **Toxic-Metabolic**

Hyperglycemia/hypoglycemia  
Hypercalcemia/hypocalcemia  
Hyponatremia/hyponatremia  
Hypercapnia  
Hypoxemia  
Uremia  
Hyperammonemia/hepatic encephalopathy  
Hyperthyroidism/hypothyroidism  
B12 deficiency  
Wilson disease  
Lead poisoning  
Medications  
Alcohol  
Illicit/recreational drugs (eg, marijuana, 3,4-  
methylene-dioxymethamphetamine  
[ecstasy], phencyclidine, opiates, chronic  
cocaine and methamphetamine use)  
Withdrawal/delirium tremens

### **Developmental**

Autism/Asperger syndrome  
Attention deficit hyperactivity disorder  
Mental retardation/developmental delay

### **Psychiatric**

Depression  
Anxiety and panic disorders  
Schizophrenia  
Bipolar disorder