

NERVOUS DISORDERS

(Basal Ganglia)		1907	
FEATURE	PARKINSON DISEASE	EPILEPSY	ALZHEIMER DISEASE
DEFINITION	<ul style="list-style-type: none"> Involuntary tremors Motor Power ↓↓ Rigidity 	<ul style="list-style-type: none"> Convulsive disorder Abrupt changes 	<ul style="list-style-type: none"> Decline in Brain function
ONSET	<ul style="list-style-type: none"> Later Age 50's & 60's 	<ul style="list-style-type: none"> Before 30's Organic disease after 30's. 	<ul style="list-style-type: none"> Late age Progressive
CAUSE	<ul style="list-style-type: none"> Cell death Trauma (Dopamine) ↓↓ 	<ul style="list-style-type: none"> Triggered (Event) Alcoholic (↑↑) 	<ul style="list-style-type: none"> Genetic Disorders Aluminium (↑↑)
TREATMENT	<ul style="list-style-type: none"> Levodopa GDNF (Glial derived Neurotrophic factor) 	<ul style="list-style-type: none"> Anti-convulsive drugs EEG, CT-Scan, MRI 	<ul style="list-style-type: none"> No Treatment

→ No effect on intellectual level

• Apathy (Absence of Emotion)
 • Ist, IInd, IIIrd

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