

Parkinsonism:

Diseases causes (by common):

- 1- Parkinson disease
- 2- Drugs (typical antipsychotics “schizophrenia”), anti emetics (metaclopramide)
- 3- Vascular parkinsonism “stroke”
- 4- Multiple trauma (concussion)
- 5- Multiple system atrophy
- 6- Supra nuclear ophthalmic lesion “parinaud”
- 7- Idiopathic
- 8- Poisoning
- 9- Predisposing environmental and genetic factors might increase the risk

Features:

TSBR

- 1- Tremor (resting) pill rolling تسبيح
- 2- Synkinesia (one side only then he has idiopathic, it should be in both sides) movement in one side(normal) will increase the tremors in the affected side “like rapid hand movement”
- 3- Bradykinesia (تسبيح)
- 4- Rigidity: lead-pipe : flex the elbow “resistance” but not clasp like but in the wrist it is cog wheel “bradykinesia with tremor”
- 5- Reading slow speech “mono-tone speech”
- 6- Writing “ micro-graphia”
- 7- Postural instability “ push patient- stable”
- 8- Gait: small steps, no swaying hand, shuffling gait

To know the type of Parkinson:

- 1- Age more than 50 is PD, Unilateral and good response to levodopa (idiopathic)
- 2- By history (drugs induced) or head trauma like boxer
- 3- Sign of stroke like hypertonia and hyper reflexia and one side (vascular cause)
So test reflexes (brachial C5-6 and triceps C6-7)
- 4- Multiple system atrophy has cerebellar features (test for nystagmus) and with autonomic affected (hypotension or hypertension) (considers as Parkinson + syndrome)
- 5- Vertical nystagmus (supranuclear ophthalmic plagia) and cant ascend or descend stairs (considers as Parkinson + syndrome)
- 6- Treat by carbidopa or levodopa, pramipexole: (retroperitoneal fibrosis cannot swallow and might increase HTN and urine retention) , amantadine : unknown mechanism levodopa, benzatropine: main complaint is tremor “to decrease Ach”, catechol inhibitor : case hallucination and illusions, entacapone? Lead to hepatic failure .. if still there symptoms, go for duodenal bypass or tremor by surgery?
- 7- In the scalp there is dandruff and increased دهون الرأس
- 8- No facial expression