PARKINSON DISEASE

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INTRODUCTION

AN

ESSAY

ON THE

SHAKING PALSY.

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ESSAY

ON THE

SHAKING PALSY.

CHAPTER I.

DEFINITION-HISTORY-ILLUSTRATIVE CASES.

SHAKING PALSY. (Paralysis Agitans.)

Involuntary tremulous motion, with less ened muscular power, in parts not in action and even when supported; with a propensity to bend the trunk forwards, and to pass from a walking to a running pace: the senses and intellects being uninjured.



DIAGNOSING PD



The criteria for diagnosis of PD set forth by the United Kingdom Parkinson's Disease Society Brain Bank consists of 3 diagnostic steps

- 1. Determining whether a patient's symptoms fall within the broader category of parkinsonism (defined as presentation of bradykinesia in addition to muscular rigidity, 4- to 6-Hz rest tremor, or postural instability unrelated to visual, vestibular, cerebellar, or proprioceptive dysfunction)
- 2. Ruling out those patients presenting with a spectrum of exclusion criteria
- 3. Including those patients presenting with specific positive criteria, any 3 of which, taken together, constitute a PD diagnosis after both stages 1 and 2 have been met.



NON-MOTOR FEATURES OF PD





- loss of smell

- disturbance of sleep and wakefullness

- lowered blood pressure

- constipation

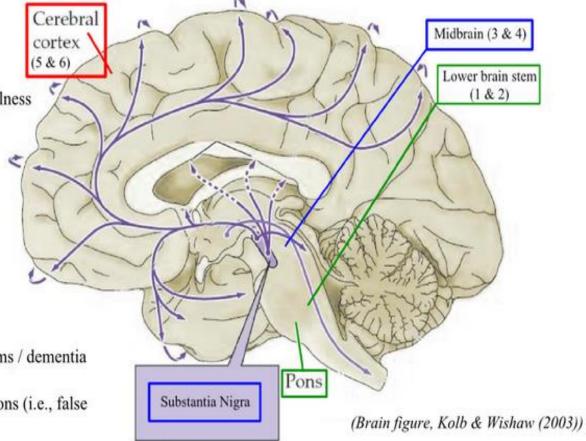
- anxiety / depression

At diagnosis - Stages 3 & 4

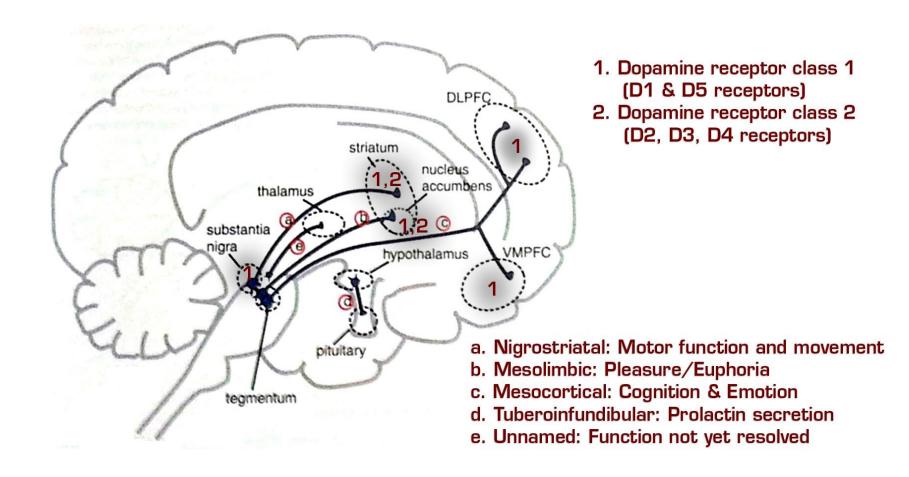
- movement problems
- subtle thinking problems

Later disease - Stages 5 & 6

- worsening movement problems
- more significant thinking problems / dementia
- worsening anxiety / depression
- hallucinations / paranoia / delusions (i.e., false beliefs)

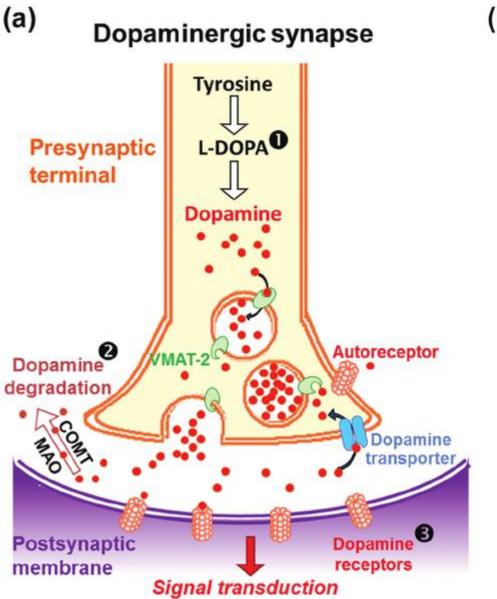


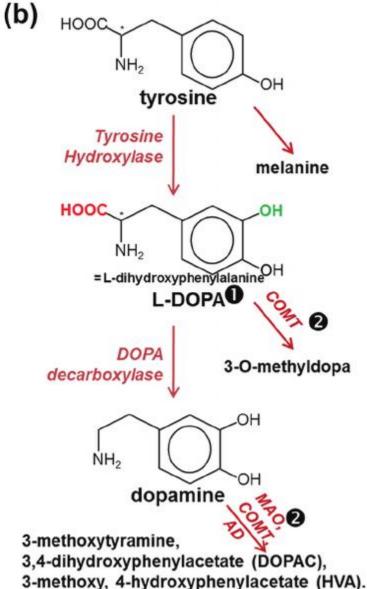




TREATMENT OF PD









Medications for Treatment of De Novo Patient(Rating of Evidence)

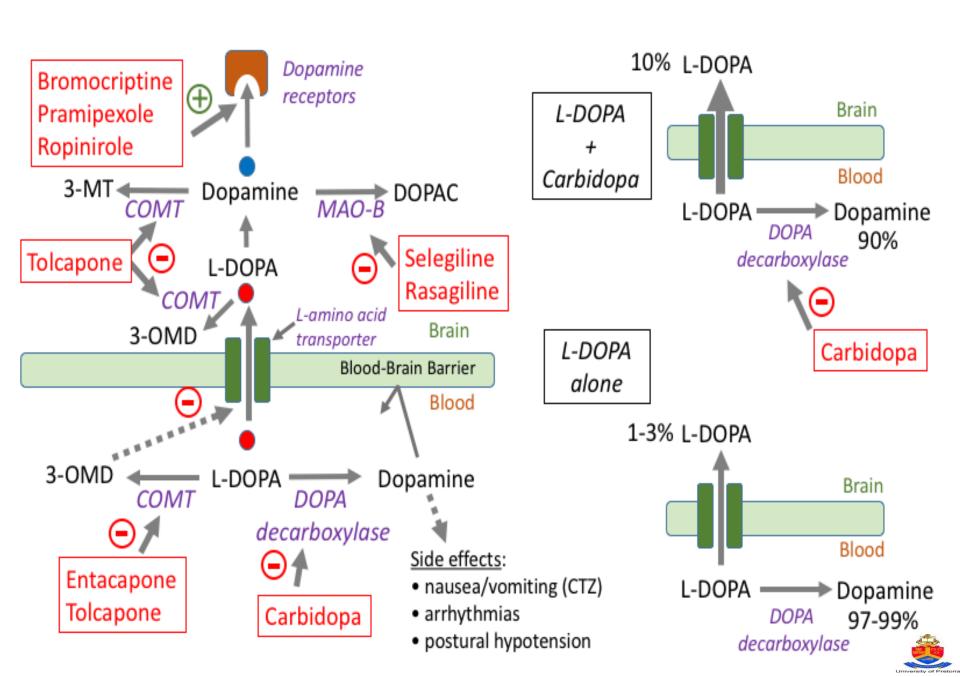
- MAO B inhibitors (Level A)
 - o Rasagiline
 - o Selegiline

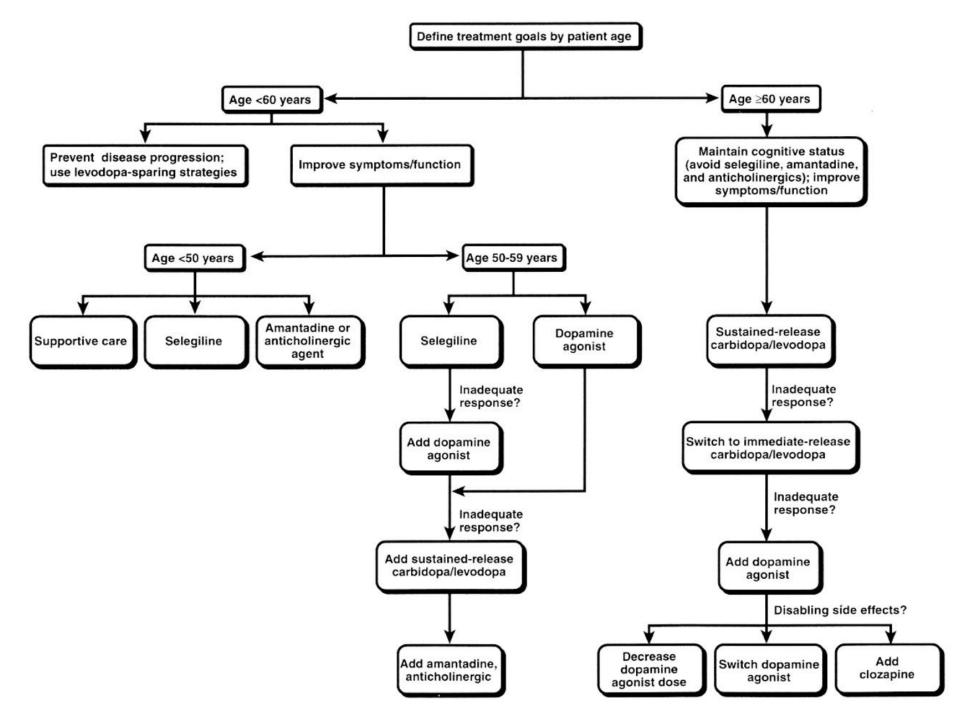
- Dopamine agonists
 - o Pramipexole (Level A)
 - o Ropinirole (Level A)
 - o Bromocriptine

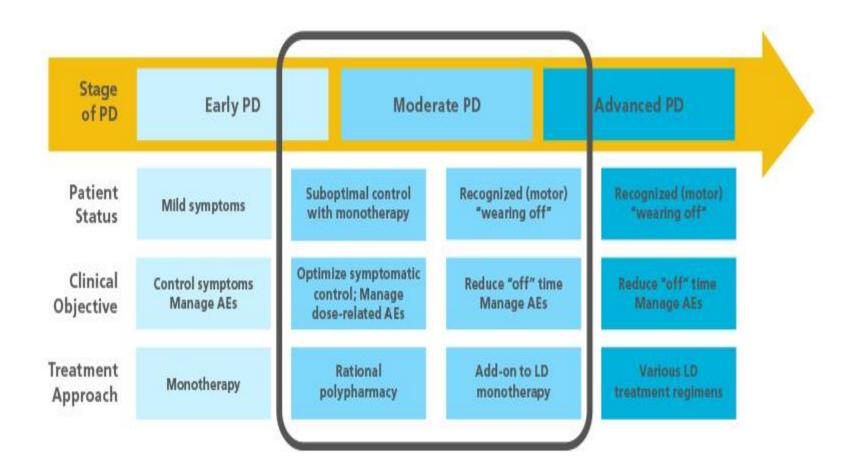
- Levodopa (Level A)
 - o Levodopa/Carbidopa immediate release o Levodopa/Benserazide – immediate release

- Amantadine (Level D)
- Anticholinergics (Level B)
 - o Benztropine
 - o Ethopropazine
 - o Procyclidine
 - o Trihexyphenidyl











TREATMENT OF NON-MOTOR FEATURES OF PD

Depression
 Pramipexole

Tricyclic antidepressants

Psychotic features Quetiapine (AAN Level C)

Clozapine (NICE Level B)

Dementia Donepezil (AAN Level B)

Rivastigmine (AAN Level B)

- Sleep Disorders
- Autonomic Disturbances
- Urinary Dysfunction
- Constipation



THANK YOU

