

## PARKINSON'S DISEASE CASE STUDIES

I. A 65 year-old male comes with gradually progressive stiffness, difficulty walking and going down stairs. On examination: expressionless face, staring gaze with limitation of gaze in all directions and bradykinesia.

Above symptoms are due to:

- 1. Oculomotor palsy.
- 2. Pyramidal tract lesion.
- 3. Degeneration of extrapyramidal system.
- 4. Midbrain lesion.

b. Most likely diagnosis is:

- 1. Stroke
- 2. Parkinson's Disease
- 3. Progressive Supranuclear Palsy
- 4. Multisystems degeneration

II. Mr. C.G. with a long-standing history of Parkinson's Disease on Sinemet 10-200 every 4 hours, Bromocriptine 2.5mg BID, Artane 2mg daily complains of uncontrollable involuntary movement of legs and arms.

- a. Which drug is causing this symptom?
- b. Name one side effect of each of the above medications.

III. Name 2 new categories of drugs used to treat Parkinson's Disease.

IV. A 55 year-old male with hypertension and diabetes came in with a sudden onset of uncontrollable flinging movement of his left arm and leg.

- a. What is your diagnosis?
- b. Where is this lesion?

V. Parkinson's tremor is:

- 1. 4-6 Hz.
- 2. Kinetic.
- 3. Seen only the hands.
- 4. Present during sleep.

VI. Name 2 familial movement disorders.