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What is Non-motor PD symptoms



Dopamine is a neurotransmitter that gradually decreases with progression of Parkinson disease. It has multiple functions, and its deficiency results in slow movement and other non-motor symptoms

These symptoms include:

- **Autonomic dysfunction:** varies according to the system involved, like postural hypotension, constipation, urinary incontinence, sexual dysfunction, declined sense of smell, and sweating.
- **Sleep disturbances:** including increased or decreased desire to fall asleep, Rapid Eye Movement (REM) sleep behavior disorder (as punching and acting the dream), and restless legs syndrome.
- **Cognitive decline:** ranging from executive dysfunction to memory loss and dementia.
- **Sensory abnormalities:** such as pain, numbness, and fatigue.
- **Neuropsychiatric:** such as depression and anxiety, mood disorders, impulse control disorders, psychosis, apathy, and paranoia.

Note: these symptoms fluctuate over time depending on the PD state.