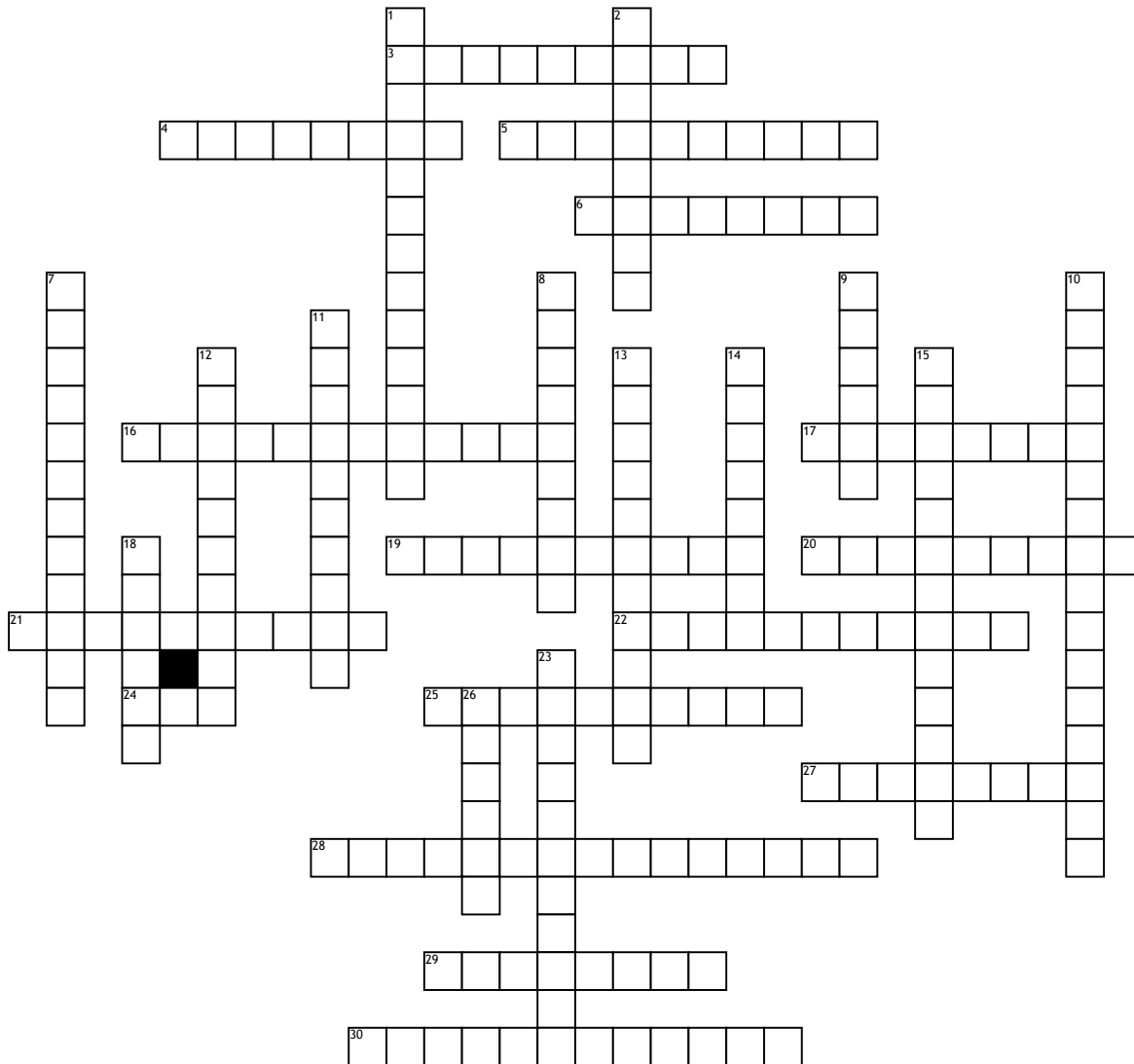


Name: _____

Date: _____

Parkinson's Disease



Across

3. A peripheral decarboxylase inhibitor used in combination with levodopa to reduce adverse effects of levodopa
4. One of the four classic symptoms of Parkinson's disease
5. Newest antiparkinson drug approved by FDA in 2008
6. Mean age of onset of Parkinson's disease (2 words)
16. Slowness of movement
17. The biologic precursor of dopamine that can penetrate into the CNS
19. One example of newer nonergot nondopamine dopamine receptor agonists
20. One drug under catechol ortho-methyltransferase (COMT) inhibitors category
21. An example of an indirect-acting dopamine receptor agonist
22. Type of tremor seen mostly at rest and less severe during voluntary activity (2 words)

24. How many millions of Americans are affected by Parkinson's disease?

25. This phenomenon is a gradual worsening of Parkinsonian symptoms as a patient's medications begin to lose their effectiveness (Hyphenated)

27. Absence of psychomotor activity resulting in mask-like facial expression

28. Destruction of this part of the brain by Parkinson's disease leads to dopamine depletion (2 words)

29. Abnormal muscle tone leading to impaired or abnormal movements

30. Levodopa and carbidopa are both contraindicated in this type of glaucoma (2 words hyphenated)

Down

1. An excitatory neurotransmitter

2. An inhibitory neurotransmitter

7. A major effect of nonselective MAOIs when they interact with tyramine-containing foods (2 words)

8. This COMT drug is contraindicated in liver failure

9. An irregular, spasmodic, involuntary movements of the limbs or facial muscles

10. Enzyme that causes breakdown of catecholamines in the body (2 words)

11. Second most common neurodegenerative disease

12. An antiviral drug considered a dopamine modulator that is also indicated for treatment of moderate Parkinson's disease

13. An anticholinergic drug used for Parkinson's disease

14. Type of rigidity seen in Parkinson's disease

15. A drug under ergot direct-acting dopamine receptor agonist

18. Shakiness of the extremities seen mostly at rest

23. Drugs that exert their antiparkinson effects before the nerve synapse

26. Symptoms of Parkinson's disease do not appear until how many percent of dopamine in the substantia nigra has been depleted?