



## Neurology Quiz

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**Directions:** Edit the following sentences based on your understanding of section [15.11](#) of the [AMA Manual of Style](#).

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1. Cranial nerves 3, 5, 6, and 7 were most commonly affected in the patients with cranial neuropathy.
2. Bone mineral density of the lumbar spine was defined as the mean bone mineral density of vertebrae L1-L4.
3. When exposure of only the L2-L3 disk space was needed, a right paramedian incision was performed.

## LEARNING RESOURCES

4. An otherwise healthy, 57-year-old man underwent bilateral laminectomy and L4-5 discectomy for spinal stenosis and degenerative intervertebral disk disease.
  
5. The study prospectively compared surgical approaches for fusion at L4-L5.
  
6. The patient underwent a C3 through C6 laminectomy for a ruptured disk.
  
7. Electroencephalogram abnormalities in Alzheimer disease include increase of  $\theta$  and  $\delta$  activity and reduction of  $\beta$  power.
  
8. We compared the latencies of waves 1, 3, and 5; the interpeak intervals 1-3, 3-5, and 1-5; the interaural latency difference (wave 5); and the 5/1 amplitude ratio between the 2 groups.
  
9. The total duration of each sleep stage (stages I-IV) was expressed in minutes and a percentage of the sleep period, and slow-wave sleep was defined as the sum of stages III and IV.



## LEARNING RESOURCES

**10.** The beneficial effect of antidepressant interventions has been proposed to depend on suppression of REM sleep or inhibition of electroencephalographic slow-wave activity in NREM sleep.

**11.** The visual evoked potentials were analyzed using linear regression modeling applied to the N-80 to P-100 amplitude.

**12.** Although 5-hydroxytryptamine (5-HT) has been implicated in the pathophysiology of depression, the precise nature of alterations in the 5-HT system that underlie depressive symptoms still remains elusive; 5-HT acts on at least 14 subtypes of 5-HT receptors (5-HT1 to 5-HT7 subfamilies), and, of these, 5-HT2 receptors have been the most studied in suicide completers with or without a history of depression and in depressed patients who died of natural causes.