

## **Somatosensory Examination and Evaluation Study Guide**

### **Patient Problem one**

A 58-year-old with a history of diabetes and a left below knee amputation had a right middle cerebral artery CVA resulting in left hemiplegia.

- 1) Does this patient require somatosensory testing as part of the initial examination?
  
- 2) Should the clinician test for a peripheral or central nervous system dysfunction or some combination of these?

- 1) Describe the rationale for your response.

### **Patient Problem Two**

A 58-year-old with no significant prior medical history had a right middle cerebral artery CVA resulting in left hemiplegia.

- 2) Does this patient require somatosensory testing as part of the initial examination and evaluation?
  
- 3) Should the clinician test for a peripheral or central nervous system dysfunction or some combination of these?
  
- 4) Describe the rationale for your response.

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### **Patient Problem Three**

A 67-year-old has a 40-year history of smoking 1-2 packs of cigarettes per day. After several years of increasing shortness of breath, they have recently been diagnosed with COPD (chronic obstructive pulmonary disease). They have a history of hypertension but have no other neurological or orthopedic problems.

1) Does this patient require somatosensory testing as part of the initial examination and evaluation?

5) Should the clinician test for a peripheral or central nervous system dysfunction or some combination of these?

2) Describe the rationale for your response.

### **Patient Problem Four**

A 62-year-old has a history of cervical osteoarthritis with no other significant medical history. They report complaints of numbness in their right fourth and fifth fingers.

1) Does this patient require somatosensory testing as part of the initial examination and evaluation?

6) Should the clinician test for a peripheral or central nervous system dysfunction or some combination of these?

2) Describe the rationale for your response.

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### **Patient Problem Five**

A 62-year-old has a history of cervical osteoarthritis and a right elbow fracture. They report complaints of numbness in their right fourth and fifth fingers.

- 1) Does this patient require somatosensory testing as part of the initial examination and evaluation?
  
  
  
  
  
  
  
  
  
  
- 7) Should the clinician test for a peripheral or central nervous system dysfunction or some combination of these?
  
  
  
  
  
  
  
  
  
  
- 2) Describe the rationale for your response.