

# NEW GENERATION ATI ENGAGE ADULT MEDICAL SURGICAL RN 3.0. RN ALTERATIONS IN SPINAL CORD FUNCTION ASSESSMENT RESULTS



Question: 1 of 30

Time Elapsed: 00:01:15



FLAG

A nurse is teaching a client about common comorbidities associated with multiple sclerosis (MS). Which of the following should the nurse include in the teaching? (Select all that apply.)



Thyroid disease

Inflammatory bowel disease

Diabetes mellitus

Hypertension

Asthma

CONTINUE



Question: 2 of 30

Time Elapsed: 00:01:50



A nurse is caring for a client who has chronic neuropathic pain from multiple sclerosis. The nurse should identify that which of the following increases the risk for chronic neuropathic pain?



Nausea and vomiting

Overheating

Hypokalemia

Anorexia





Question: 3 of 30

Time Elapsed: 00:01:58



FLAG

A nurse is caring for a client who has a transection of the spinal cord at the 7th cervical vertebrae. Which of the following conditions should the nurse document in the client's medical record?



Hemiplegia

Tetraplegia

Paraplegia

Monoplegia

PREVIOUS

CONTINUE



Question: 4 of 30

Time Elapsed: 00:03:00



FLAG

A nurse is caring for a client who has a spinal cord injury following a motor-vehicle crash and is being admitted to the emergency department. The client has lost muscle function from the head down, has no reflexes, and has no bowel or bladder control. Which of the following conditions should the nurse suspect?



Spinal shock

Heterotopic ossification

Neurogenic shock

Cauda equina syndrome

PREVIOUS

CONTINUE



Question: 5 of 30

Time Elapsed: 00:04:00



FLAG

A nurse is caring for a client who has a spinal cord injury and is exhibiting manifestations of depression. Which of the following statements should the nurse make?



- "I know you feel bad now, but it will get better soon."
- "Have you had thoughts about harming yourself?"
- "You survived. There is so much to be thankful for."
- "If I were you, I would talk to a therapist."

PREVIOUS

CONTINUE



Question: 6 of 30

Time Elapsed: 00:06:09



Exhibit 1 Exhibit 2

**Nurses' Notes**

0930:

Client is awake, alert, and oriented x 3. Skin warm and dry. Lung sounds with crackles in left base. Occasional cough noted. Bowel sounds hypoactive in all quadrants. Last bowel movement 2 days ago. Heart sounds regular. Client reports bilateral leg pain as 4 on a scale of 0 to 10. Declines pain medication at this time. Drowsy.

1200:

Client is awake, alert, and oriented x 3. Skin warm and moist. Lung sounds with crackles in bases bilaterally. Cough noted. Bowel sounds hypoactive in all quadrants. Heart sounds regular. The client states they have been experiencing ataxia. Gait noted to be unsteady. Reports inability to achieve erection and has had several episodes of incontinence recently. Also reports pain descending into both legs and dark-colored urine. Pedal pulses 3+ bilaterally.

Click to highlight the findings that indicate the client has developed cauda equina syndrome. To deselect a finding, click on the finding again.



Client is awake, alert, and oriented x 3. Skin warm and moist. Lung sounds with crackles in bases bilaterally. Cough noted. Bowel sounds hypoactive in all quadrants. Heart sounds regular, rate 84/min. The client states they have been experiencing ataxia. Gait noted to be unsteady. Reports inability to achieve erection and has had several episodes of incontinence recently. Also reports pain descending into both legs and dark-colored urine. Pedal pulses 3+ bilaterally.





Question: 7 of 30

Time Elapsed: 00:06:59



FLAG

A nurse is teaching a nursing student about the anatomy of the CNS. Which of the following statements by the student indicates an understanding of the teaching?



- "The cerebrospinal fluid is located between the dura mater and the arachnoid mater."
- "The spinal cord has an H-shaped area of white matter."
- "A central canal runs through the middle of the spinal cord, which is a continuation of the brain's ventricles and is filled with cerebrospinal fluid."
- "The spinal cord is covered by two connective tissue layers: the pia mater and the arachnoid mater."

PREVIOUS

CONTINUE



Question: 8 of 30

Time Elapsed: 00:07:49



FLAG

A nurse is teaching a client who has multiple sclerosis about the pathophysiology of the disease. Which of the following occurs when multiple sclerosis is progressing?



- Brain aneurysm
- Demyelination in the CNS
- Autoimmune destruction of nerves in the peripheral nervous system
- Loss of dopamine in the central nervous system

PREVIOUS

CONTINUE





Question: 9 of 30

Time Elapsed: 00:08:08



A nurse is caring for a client who has an injury to the lumbar plexus. In which of the following areas should the nurse expect the client to experience a decrease in sensation and movement?



- Chest, head, diaphragm, and vagus nerve
- Thigh, leg, and foot
- Upper extremities
- External genitals, thigh, and abdominal wall





Question: 10 of 30

Time Elapsed: 00:09:39



FLAG

A nurse is performing an assisted cough procedure on a client who has a spinal cord injury and is in a wheelchair. (Move the steps of the procedure into the box on the right, placing them in the order of performance. Use all the steps.)



- Recline the client's wheelchair.
- Place hands on the client below the rib cage with the thumbs together, forming a butterfly shape on top of the client's abdomen.
- Ask the client take three to five deep breaths.
- Assist the client to breathe out by pushing in and up with firm, steady pressure.
- Have the client cough deeply.

PREVIOUS

CONTINUE