

**Nursing 102 Care of Adults  
Clinical Preparation Week- 2025**

**Neurosensory: Stroke**

**\*\* Due Wednesday, February 5<sup>th</sup> by 0830 to Dr. Baich's DropBox \*\***

1. Log on to ATI
  - a. Learn Tab → Engage Adult Medical Surgical RN → Alterations in Neurologic Function → Review the “Stroke” lesson → Watch the “Stroke” Podcast
2. Complete the following:
  - a. After reviewing the stroke lesson:
    - i. What does BE FAST stand for? Expand upon each letter:

**B: balance – loss of balance, headaches**

**E: eyes – changes in or loss of vision**

**F: facial drooping – weakness of asymmetry of the face**

**A: arm weakness – numbness of weakness in one arm**

**S: speech disturbance – slurring of speech**

**T: time to call 911/ activate stroke protocol**

- ii. What is the treatment for stroke?

Hemorrhagic	Ischemic
<ul style="list-style-type: none"> <li>- Thrombectomy – remove clot occluding blood flow in the cerebral artery</li> <li>- Decompressive hemicraniectomy – removal of portion of the skull to relieve intracranial pressure from brain swelling</li> <li>- Removal of excess fluid using a drain in the ventricles</li> <li>- Vascular coils/clips used to treat ruptured cerebral aneurysms.</li> <li>- Plasma product infusions to establish coagulation</li> <li>- PT/OT/Speech Therapy</li> <li>- Resistance/endurance/gait training</li> </ul>	<ul style="list-style-type: none"> <li>- Administration of alteplase to restore cerebral blood flow within 3 hours of stroke occurrence</li> <li>- Prescription of aspirin within 48hrs of stroke occurrence to prevent recurrence</li> </ul>

- iii. Have the NIH Stroke Scale available (will be posted in the clinical prep lesson on edvance360). Watch the following video and complete the NIH Stroke Scale:  
<https://www.youtube.com/watch?v=Yca-VJiHufU>.

1. 1a: Level of Consciousness: **2**
2. 1b: LOC Questions: **2**

3. 1c: LOC Commands: **0**
4. Best Gaze: **1**

- 5. Visual: **1**
- 6. Facial Palsy: **1**
- 7. Motor Arm: **right arm: 0 left arm: 2**
- 8. Motor Leg: **right leg: 0 left leg: 2**
- 9. Limb Ataxia: **1**
- 10. Sensory: **2: could not feel sensation on the left cheek**
- 11. Best Language: **0**
- 12. Dysarthria: **0**
- 13. Extinction and Inattention: **0**
- 14. Total Score: **14**

b. After watching the Podcast:

- i. What is the role of the rehab nurse when working with a stroke patient?

**The role of the rehab nurse is to collaborate with PT and OT to get the patient as close to living the way they were before the stroke. They can reinforce the topics that they learned in their PT/OT sessions and provide effective patient education.**

- ii. What is the role of OT when working with a stroke patient?

**The role of OT is to provide adaptive equipment to assist with ADLs that they were once able to do before the stroke. This could include dressing, setting up meals, etc.**

- iii. Why is a speech language pathologist (SLP) important when a patient is recovering from a stroke?

**A speech-language pathologist is an important part of the rehab team to help the stroke patient relearn how to communicate effectively and swallow properly. They focus on voice, motor speech, and fluency.**