## Northwest Community EMS System October 2025 CE: Stroke & Alzheimer's **Credit Questions**

	Name (Print):			EMS Agency:				
	EMS Educator:	EMS Educator:						
-	Date submitted	Score:	Acceptable Not acceptable		☐ Incomplete ☐ Incorrect answers	Date returned w/ feedback		
	Resubmission received:	Score:	Acceptable Not accep		☐ Incomplete ☐ Incorrect answers	Date returned w/ feedback:		
	# CE Hours awarded:		Date					
L	This packet sho	uld take 2 hours to co	mplete – whicl	h earns the e	equivalent of the 2-hour liv	ve CE class.		
S	ources of information	n/answers						
	ctober CE PowerPoint		Ps, and NWC	EMSS Proc	edure Manual.			
1.	What are the 2 indications that a patient should present with to be a candidate for Naloxone?							
	A. Tachycardia an B. SBP < 90 and I C. AMS & RR < 12 D. Dilated pupils a	2						
2.	What is the standard (adult) dose and timing of Naloxone administration?							
	<ul> <li>A. 1 mg IV/IO/IN/IM q 2 min up to 4mg</li> <li>B. 2 mg IV/IO/IN/IM q 30-60 seconds up to 4mg</li> <li>C. 0.4 mg/IV/IO/IN/IM q 1 min up to 8 mg</li> <li>D. 1 mg IV/IO/IN/IM q 30-60 seconds up to 4mg</li> </ul>							
3.	What is the definition of		o to 4mg					
	dementia?  A. Lewy bodies but	uild up and neurons die	e	eimer's diseas	se, that differentiate it fron	n other forms of		
5 –	<ul><li>C. Frontal lobe sh</li><li>8 When interacting wi</li></ul>		scular changes mer's/dementia		ner's Association recomm	ends using TALK tactic		
5 –		th patients with Alzheir vhat each letter repres		a, the Alzhein	ner's Association recomm	ends using TALK tac		

1.

2.

3.

4.

October 2025 Continuing Education Stroke & Alzheimer's 9. List 3 reasons why a person living with Alzheimer's or dementia may become aggressive or abusive? 10. List 4 ways a person living with Alzheimer's or dementia may be the victim of abuse: 11. First responders are mandated reporters of elder abuse. What is the phone number for the adult protective services hotline? 12. There are 5 EMS actions (metrics) recommended by national guidelines that directly impact the amount of time until a stroke patient is treated in the hospital. Which of the following is NOT one of those actions? 1) Obtaining a glucose 2) Calling in a stroke alert to the receiving hospital 3) Performing a 12-lead 4) Securing an IV (18g, AC) 5) Performing a prehospital stroke screen 6) Maintaining scene time ≤ 15 min 13. The PBPI committee presented data from stroke calls that took place during 2024. Data on IV starts was broken down to look at successful attempts and appropriate size (18q) and location (AC) on potential stroke patients. Once all the variables were factored in, what percentage of patients arrived in the ER with appropriate vascular access? A. 37% B. 54% C. 86% D. 27% 14. List 6 risk factors for a stroke:

- 15. According to the American Heart Association, what percentage of all strokes are ischemic?
  - a. 87%
  - b. 72%
  - c. 68%
  - d. 49%
  - 16. Which of these does NOT describe a potential ischemic stroke?
    - a. Inadequate or interrupted blood flow in a cerebral vessel
    - b. Obstruction can be formed by an embolus from outside cerebral circulation that travels to the brain
    - c. Obstruction can be a thrombus that forms in a cerebral vessel
    - d. A cerebral vessel ruptures, allowing blood to collect in the subdural space

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17.	A. 6 – B. 18 – C. 8 –	"Hemorrhagic stroke mortality than ische 20%, lower - 28%, similar 18%, higher - 29%, higher		of all strokes, yet they are associated with				
18.	8. What is the most common etiology for hemorrhagic stroke?							
19.	. What are the two types of hemorrhagic strokes?							
20.	List 4 signs or sy	mptoms of an intrace	erebral or subarachnoid hem	orrhage:				
21.	a. Hem Seve Neur	orrhagic B. ere headache o deficits reased consciousnes nal rigidity		sociated with:				
	Select all statements that are true:  a. Posterior stroke symptoms may be highly variable and inconsistent b. Patients may be unaware they are having symptoms of a posterior stroke c. A major underlying cause of posterior strokes is an autoimmune disorder d. Posterior circulation serves multiple regions of the brain  List the 5 Ds of a posterior stroke:							
24.	Match the stroke	screen assessment	to its description/findings:					
 	B: balance/coordin E: eyes F: face A: arms S: speech T: time	-	bidirectional nystag 2) Last known well (LI 3) Smile/grimace, sho unilateral weakness 4) Unsteady, fall? Fin to shin. Ataxia, tiltir 5) Motor: close eyes seconds, note any 6) Repeat "you can't t Happy Birthday. N	urred vision, diplopia, loss of visual field, gmus, ptosis, horizontal gaze deviation KW) time / earlies time of symptom onset ow teeth, close eyelids, wrinkle forehead, note is or asymmetry ager to nose, rapid alternating movements, heeling to one side, vertigo and hold out both arms (palms up) for 10 drift or unable to hold against gravity teach an old dog new tricks," or have them sing ote slurring, slow to respond, word substitution, eceptive/expressive aphasia				

40. List 5 stroke mimics: