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Due @ 1500

Ischemic Stroke

1. Which of the following is excluded from the cerebrovascular disease category in the 10th revision of the *International Statistical Classification of Diseases and Related Health Problems (ICD-10)*?
-traumatic intracranial hemorrhage
-vascular dementia
A) Cerebral infarction
B) Intracerebral hemorrhage
C) Subarachnoid hemorrhage
D) Transient ischemic attacks (TIAs)

2. Which of the following is a classic sign/symptom of subarachnoid hemorrhage?
↳ including N/V & Neck pain
A) Seizure
B) Aphasia
C) Photophobia
D) Numbness/weakness

3. What is the risk of a stroke within 7 days after a TIA for individuals who sought treatment for this event?
A) 5%
B) 10%
C) 20%
D) 50%

4. The most common focal neurologic sign of a TIA is the sudden onset of
A) paralysis.
B) imbalance.
C) transient monocular blindness.
D) unilateral weakness/numbness. or tingling in a limb

5. Most individuals with stroke have recoverable penumbral tissue for at least how long after the onset of symptoms?
"time is brain"
A) 30 minutes
B) 1 hour
C) 2 hours
D) 3 hours

6. An ischemic stroke in the right anterior hemisphere would cause which of the following neurologic deficits?

- A) Ataxia
- B) Aphasia
- C) Nystagmus

D) Left field visual neglect / limb motor weakness or loss / Unable to determine two-point stimuli on side

7. Which of the following is part of the posterior circulation of the brain?

- A) Choroidal artery
- B) Vertebrobasilar artery
- C) Internal carotid artery
- D) Posterior communicating artery

8. The most common cause of embolic stroke is

- A) atrial fibrillation.
- B) valvular thrombi.
- C) myocardial infarction.
- D) congestive heart failure.

9. At 3 months after a stroke, what percentage of stroke survivors need long-term care?

- A) 10%
- B) 20%
- C) 40%
- D) 60%

15-30% permanently disabled
65% some sort of impairment

10. The average age at the time of ischemic stroke is

- A) 65 years in men and 70 years in women.
- B) 70 years in both men and women.
- C) 71 years in men and 75 years in women.
- D) 80 years in men and 81 years in women.

↑ 85yrs comprise 17% of ALL stroke pts.

11. According to statistics presented by the American Heart Association (AHA), which of the following populations has the highest prevalence for stroke?

- A) Black
- B) White 2.5%
- C) Hispanic or Latino 2.4%
- D) Non-Hispanic black 4.5%

12. Which of the following has the most evidence as a risk factor for ischemic stroke?

- A) Hypertension

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- B) Hypercoagulability
- C) Metabolic syndrome
- D) Sleep-disordered breathing

13. According to the 2017 guideline, how often should an individual with a blood pressure of 124/85 mm Hg be screened for hypertension?

- A) Every month
- B) Every 3 to 6 months
- C) Every 2 years
- D) Every 3 years

14. What percentage of individuals with acute ischemic stroke receive thrombolytic therapy when they arrive at an emergency department within 3 hours after the onset of symptoms?

- A) 2% to 4%
- B) 8% to 10%
- C) 20% to 30%
- D) 50% to 70%

15. Which of the following statements regarding predicting stroke risk is TRUE?

- A) Validated tools are available to assess the risk of stroke. ~~F~~
- B) The ABCD assessment includes points for laboratory results. ~~F~~
- C) Risk assessment tools have been shown to improve primary prevention. ~~F~~
- D) Interactivity among independent risk factors can affect risk prediction.

16. Which of the following is NOT recommended as part of the initial evaluation (in the emergency department) of an individual with suspected stroke?

- A) Urine culture
- B) Oxygen saturation ✓
- C) Determination of electrolyte levels ✓
- D) Computed tomography of the brain ✓✓

17. Which of the following clinical signs suggests subarachnoid hemorrhage rather than ischemic stroke?

- A) Ptosis or miosis
- B) Severe headache
- C) Fever and cardiac murmur
- D) Elevated erythrocyte sedimentation rate

18 . Which of the following statements regarding stroke centers is TRUE?

- A) A stroke system of care improves acute and post-acute care but has no effect on EMS.
- B) There is no formal certification process for designating an institution as a comprehensive stroke center.
- C) Most states have policies mandating direct routing of individuals with suspected stroke to a primary stroke center.
- D) Individuals with stroke are more likely to receive thrombolytic therapy at a primary or comprehensive stroke center.

19 . The most common serious medical complication of rt-PA is

- A) angioedema.
- B) anaphylaxis.
- C) myocardial rupture.
- D) secondary brain hemorrhage.

20 . Which of the following settings is associated with the best rehabilitation care for patients with ischemic stroke?

- A) Patient's home
- B) Inpatient stroke unit
- C) Long-term care facility
- D) Outpatient therapy clinic

21 . Which of the following statements regarding pressure ulcers is TRUE?

- A) Pain is a hallmark characteristic of a severe pressure ulcer.
- B) Lower body mass index is a risk factor for pressure ulcer.
- C) Patients should be monitored every other day for skin breakdown.
- D) Most pressure ulcers are associated with superficial tissue injury only.

22 . The diagnostic study of choice for deep vein thrombosis is

- A) D-dimer test.
- B) echocardiography.
- C) Doppler ultrasound.
- D) Well's prediction model.

23 . Which of the following statements regarding assessment of patients with stroke is TRUE?

- A) Psychosocial support is not useful for fecal incontinence.
- B) Pain is most commonly caused by sensorimotor pathway damage.
- C) Cognitive impairment is associated with post-stroke urinary dysfunction.
- D) The STRATIFY tool is effective in predicting the risk of a fall in stroke survivors.

24 . Chronic pain after stroke most commonly involves a

- A) hip.
- B) hand.
- C) shoulder.
- D) lower extremity.

25 . The cognitive function that shows the most improvement by 6 months after stroke is

- A) language.
- B) calculation.
- C) visual memory.
- D) abstract reasoning.

26 . A stroke survivor who interprets figurative speech literally has

- A) dysarthria.
- B) receptive aphasia.
- C) apraxia of speech.
- D) expressive aphasia.

27 . Which of the following statements regarding psychologic issues in stroke patients is TRUE?

- A) Symptoms of post-stroke depression are obvious.
- B) Depression occurs in 15% of patients after stroke.
- C) Generalized anxiety disorder often coexists with post-stroke depression.
- D) Post-stroke depression does not respond well to selective serotonin reuptake inhibitors.

28 . Increasing safety during activities of daily living is a major goal of which type of exercise?

- A) Aerobic
- B) Neuromuscular
- C) Strength training
- D) Flexibility/stretching

29 . The risk for recurrent stroke is highest during the first

- A) 3 months.
- B) 6 months.
- C) 12 months.**
- D) 18 months.

30 . Which of the following hypertensive agents most significantly reduces the risk of recurrent ischemic stroke?

- A) Beta blocker alone
- B) Angiotensin receptor blocker (ARB) alone
- C) Angiotensin converting enzyme (ACE) inhibitor alone
- D) Diuretic alone or combined with an ACE inhibitor**

ramipril
perindopril