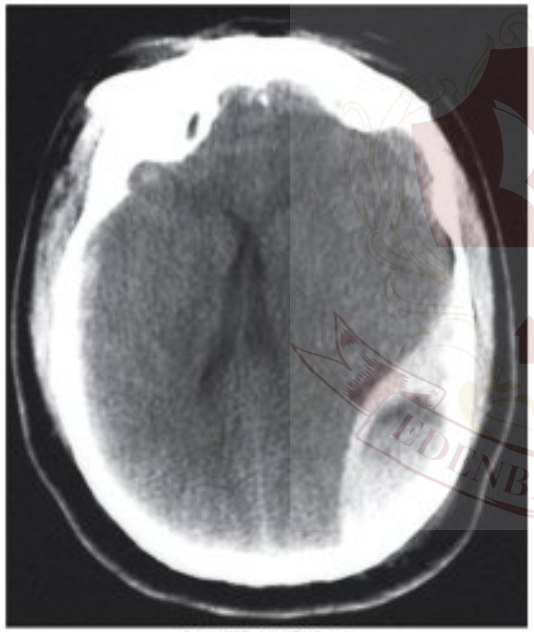
ANPH 202

CNS Pathology Review

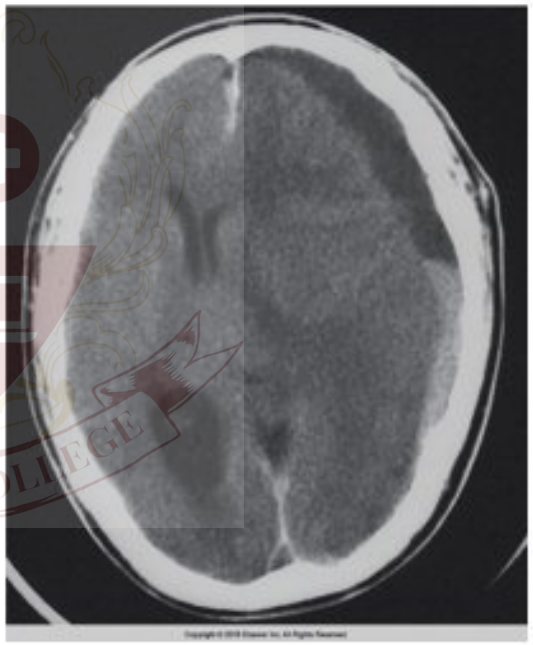
Question 1

Which patient's condition is most immediately life-threatening?

a) Patient A
b) Patient B



Patient A

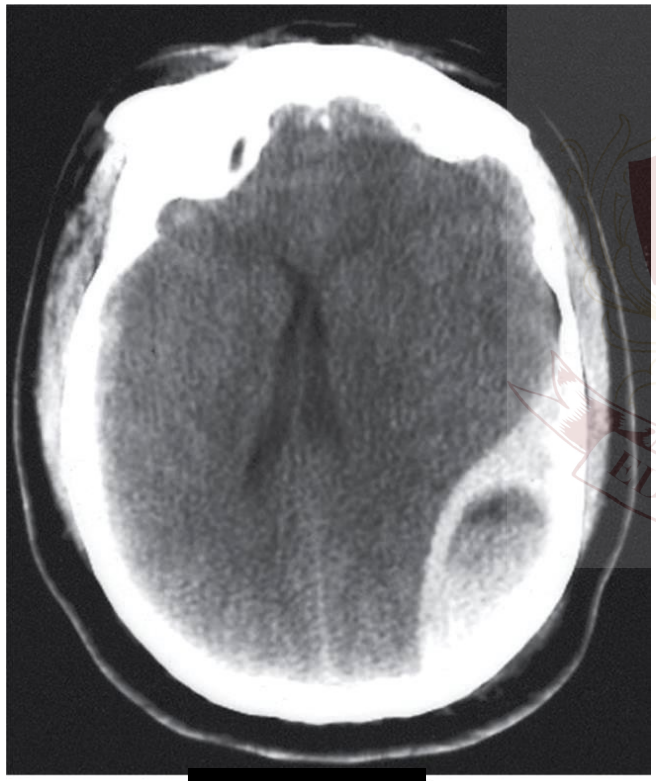


Patient B

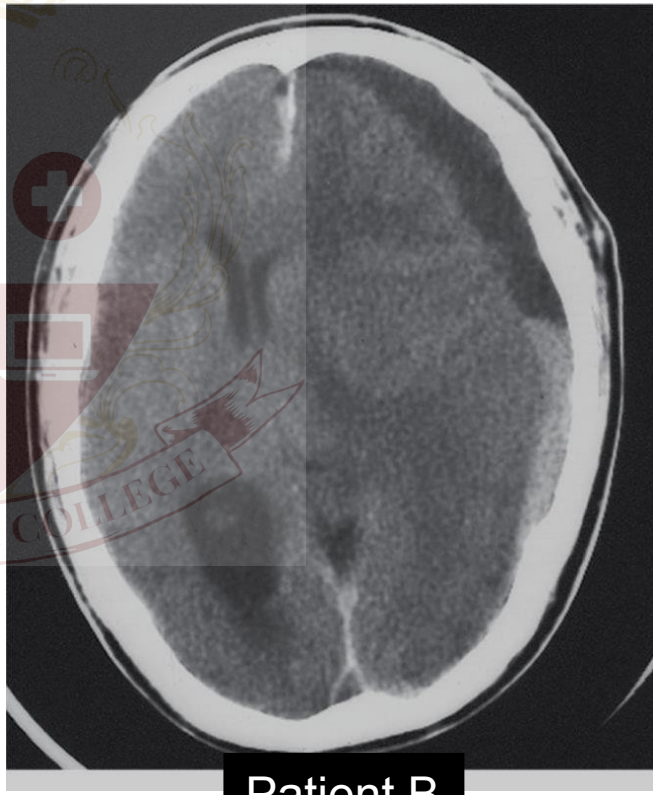
Question 2

Which patient has the most pronounced “mass effect”?

a) Patient A
b) Patient B



Patient A

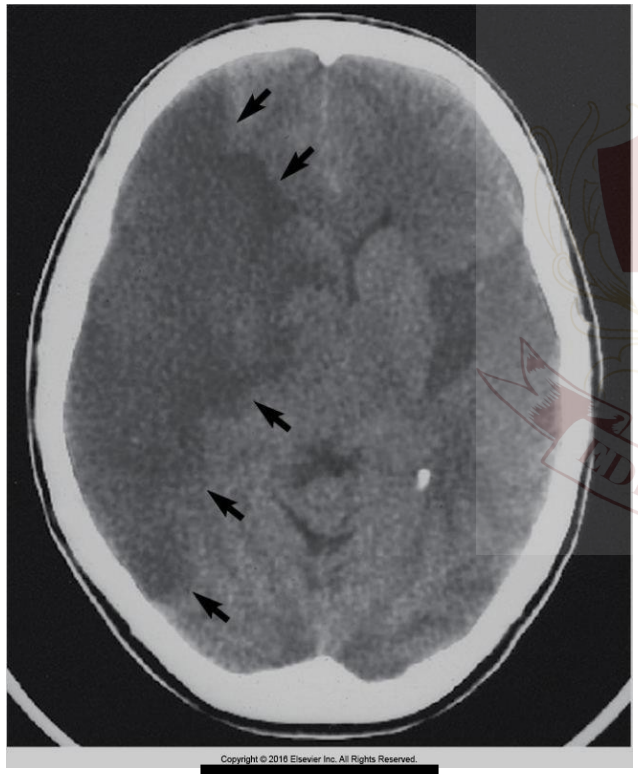


Patient B

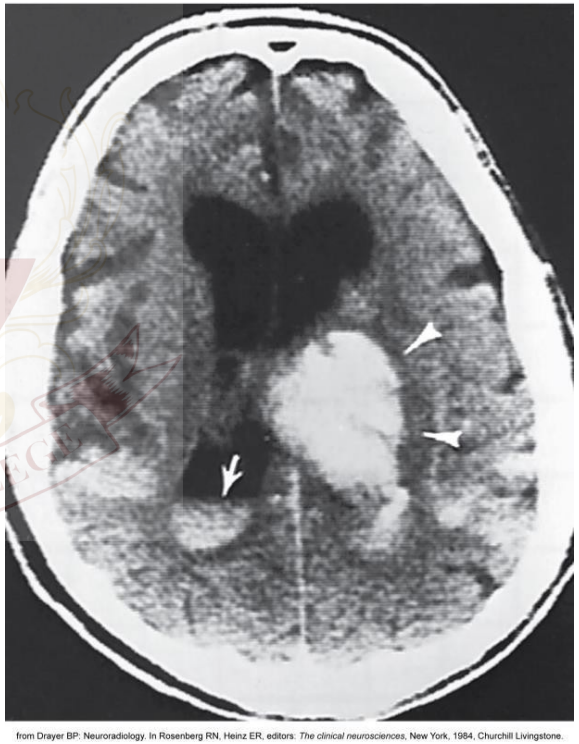
Question 3

Which patient will most likely suffer from left-sided hemiplegia?

a) Patient A
b) Patient B



Patient A



Patient B

Question 4

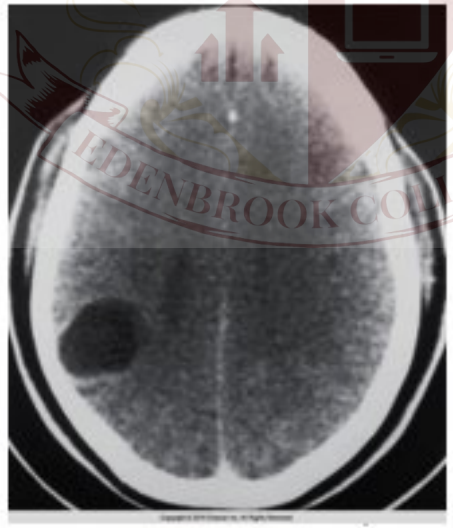
A person with an atriovenous malformation:

a) Is more likely to develop an epidural hematoma
b) Will experience numerous TIA's throughout their lifetime
c) Is at increased risk for hemorrhagic stroke
d) Has a normal anatomical variant

Question 5

The patient in the image has an astrocytoma. From the list below, circle the statements that are true regarding this pathology:

a) It originates from glial cells
b) It originates with neurons
c) It is most often benign
d) It will compromise the integrity of the dura mater
e) It will compromise the integrity of the BBB



Question 6



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- This patient's pathology is located
- primarily in the:

a) frontal lobe

b) temporal lobe

c) parietal lobe

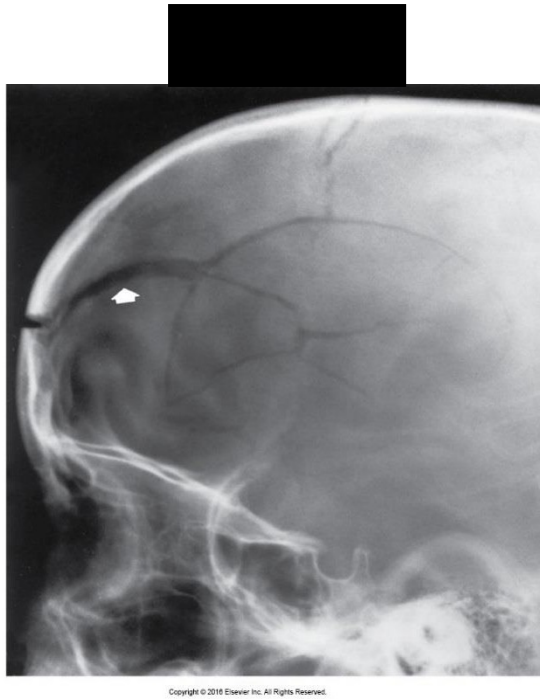
d) temporal lobe

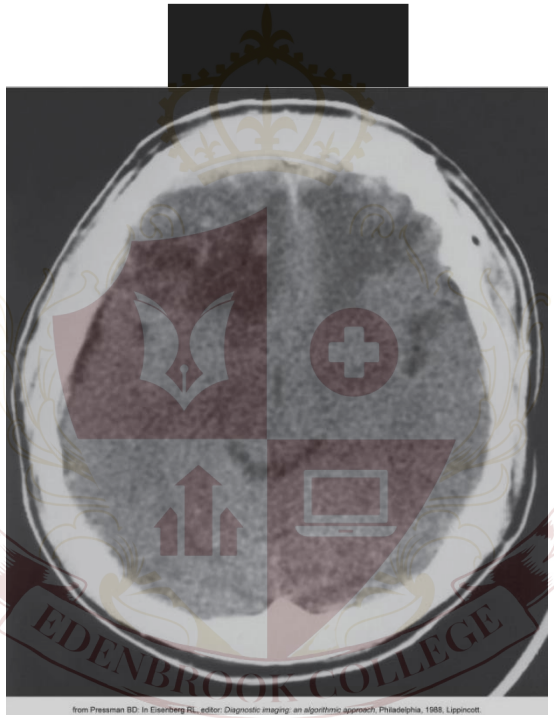
Question 7

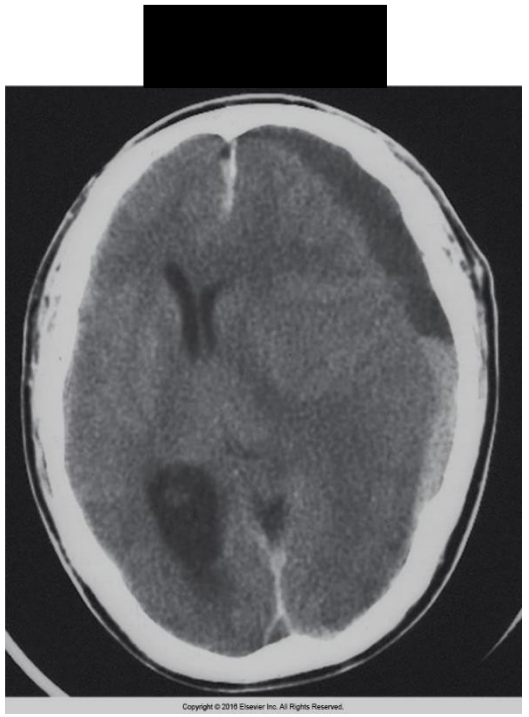
Which of the following individuals would be least likely to survive?

a) A 70 yr old who receives clot busting drugs 1 hour after an ischemic stroke
b) A 45 yr. old who receives clot busting drugs after a hemorrhagic stroke
c) A 22 yr. old who has had three TIA's in the past year
d) A 32 yr. old who has suffered a concussion

Question 8







At the time these images were taken, which of the patients was most at risk for developing an infection?

_____

Question 9

Which of the following is always a contraindication for lumbar puncture?

a) Spina bifida
b) Concussion
c) Meningitis
d) Epidural hematoma

Question 10

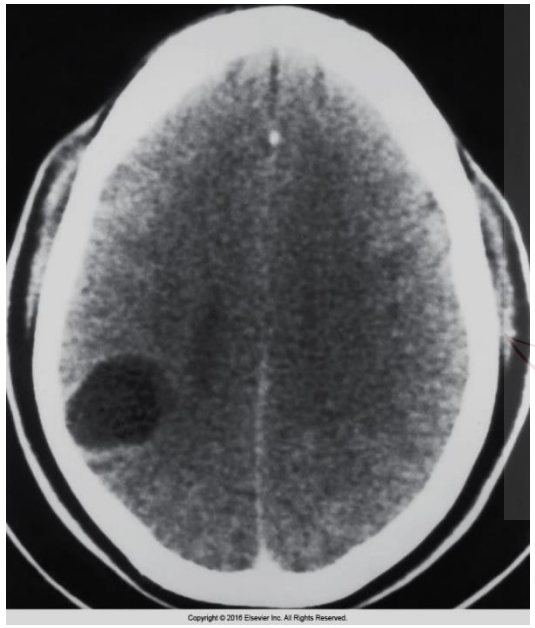
Which of the following has the potential to cause acute neurological deficits?

a) Spina bifida occulta
b) Myelocele
c) Parkinson's
d) Meningitis

Question 11

Surgical decompression may be necessary for patient _____

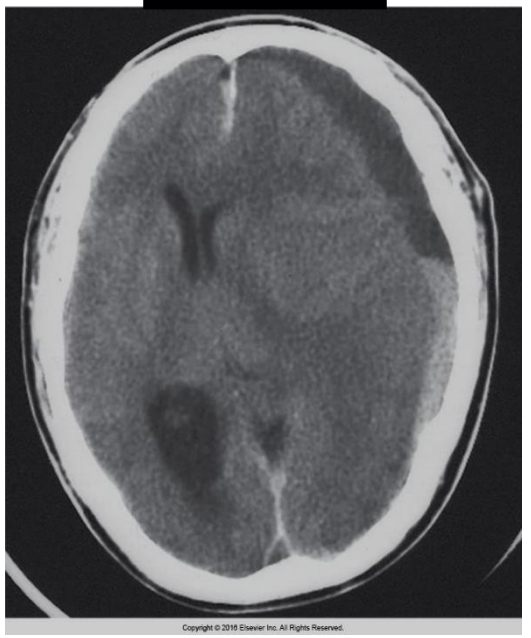
Patient A



Patient B



Patient C



Question 12

Around 4:00 in the afternoon a man was roller blading without a helmet on his front street, when he lost his balance and fell backwards. He landed on his tailbone and hit the back of his head on the concrete sidewalk. When he sat up the world was spinning around him, and he threw up in the gutter. After resting for about forty minutes, he managed to get up and skate home, but when he sat on the couch to watch TV, he found that his vision was blurry and he couldn't remember how to operate the remote control. He retired to bed around midnight. The next morning his roommate found him unconscious and called an ambulance.

From the list below, circle all the statements that are true regarding this man's condition:

a) He experienced a concussion
b) He sustained a cerebral contusion
c) The physician will order a CT scan to query epidural hematoma
d) The physician will order a CT scan to query a subdural hematoma
e) One sided weakness is a symptom of increased intracranial pressure
f) Shearing forces inside the skull probably tore arteries
g) Shearing forces inside the skull probably tore veins
h) The patient could develop communicating hydrocephalus