

Investigation 3.13A

Dr. \_\_\_\_\_

**Activity 3.13A4 - Brain Surgery 1**

P. \_\_\_\_ Date: \_\_\_\_\_

**Materials:** Internet access

Directions:

1. Go to the following link to practice performing brain surgery.
2. <http://www.mydoctorgames.com/virtual-brain-surgery/game/>
3. After completing the activity answer the following questions.

1. What was the patient's name?

\_\_\_\_\_

2. What were the patient's two chief complaints?

\_\_\_\_\_  
\_\_\_\_\_

3. What was her diagnosis?

\_\_\_\_\_

4. Give two reasons the patient's scalp was shaved?

1. \_\_\_\_\_

2. \_\_\_\_\_

5. What two layers had to be cut and flapped to expose the skull?

1. \_\_\_\_\_

2. \_\_\_\_\_

6. What layer of the brain is found right under the skull?

\_\_\_\_\_

7. What instrument was utilized to visualize the aneurysm?

\_\_\_\_\_

8. What was used to separate the aneurysm permanently from the rest of the brain circulation?

\_\_\_\_\_

9. Why wasn't the aneurysm cut out?

\_\_\_\_\_

10. What was the purpose of the holes drilled in the removed skull plate?

\_\_\_\_\_

\_\_\_\_\_