

Doctor's Notes



THE MIND PROJECT

The Virtual Stroke Lab

Teachers: This document lists the entries made into student's virtual "Doctor's Notes." These are listed in the order in which they appear in the virtual lab and are only visible to students after they make decisions regarding that topic. Therefore, there is no need to give this document to students. It is simply available to you as a resource.

Mr. Jones has many of the risk factors associated with stroke, such as high blood pressure, family history of aneurysms, smoking, recent severe headache(s) and high cholesterol.

Mr. Jones scored a 3 on the Hunt and Hess Scale, indicating that he has suffered a stroke of moderate severity.

Mr. Jones most likely had a type of hemorrhagic stroke called a Subarachnoid Hemorrhage (SAH), indicated by his medical history and complaint of severe headache. More tests are needed to confirm this.

CT Head Scan w/o iodinated contrast will determine if stroke is hemorrhagic (bleeding in the brain) or ischemic (lack of blood flow to the brain).

CT Head Scan confirmed that there is bleeding in Mr. Jones' brain. Mr. Jones subsequently diagnosed with a subarachnoid hemorrhage (SAH), most likely due to aneurysm. More tests are needed to confirm the presence of an aneurysm.

3D CT Head Angiography will indicate if an aneurysm is present.

DSA and 3D DSA confirmed aneurysm as cause of subarachnoid hemorrhage. The aneurysm measured 5 mm with a 2mm neck.

Based on the aneurysm's shape and size, endovascular coiling was determined to be the best treatment option.