Nervous System
Case Study 2

Brian is a foreign correspondent for PBS covering the Ebola outbreak which has now moved into Liberia. Despite taking precautions to prevent arthropod-borne infections, he suspects he might have contracted one. He notices a chancre at the site of a possible bite. Then the fever starts, coming and going with about a week between bouts. Since he has lived in the area for years, he knows he needs to get to a doctor quickly before the neurological symptoms appear. Sure enough, his doctor does make a presumptive diagnosis based on Winterbottom’s sign.

1. Diagnosis –

2. Causative agent –

3. What is the name of the vector for this infection?

4. What is Winterbottom’s sign?

5. Which form of the disease is this?

6. Are antibiotics called for? If so, which one(s)?