

**Case 3.1 – Bovine 8/12 - caudal brainstem.**

**Exercise –**

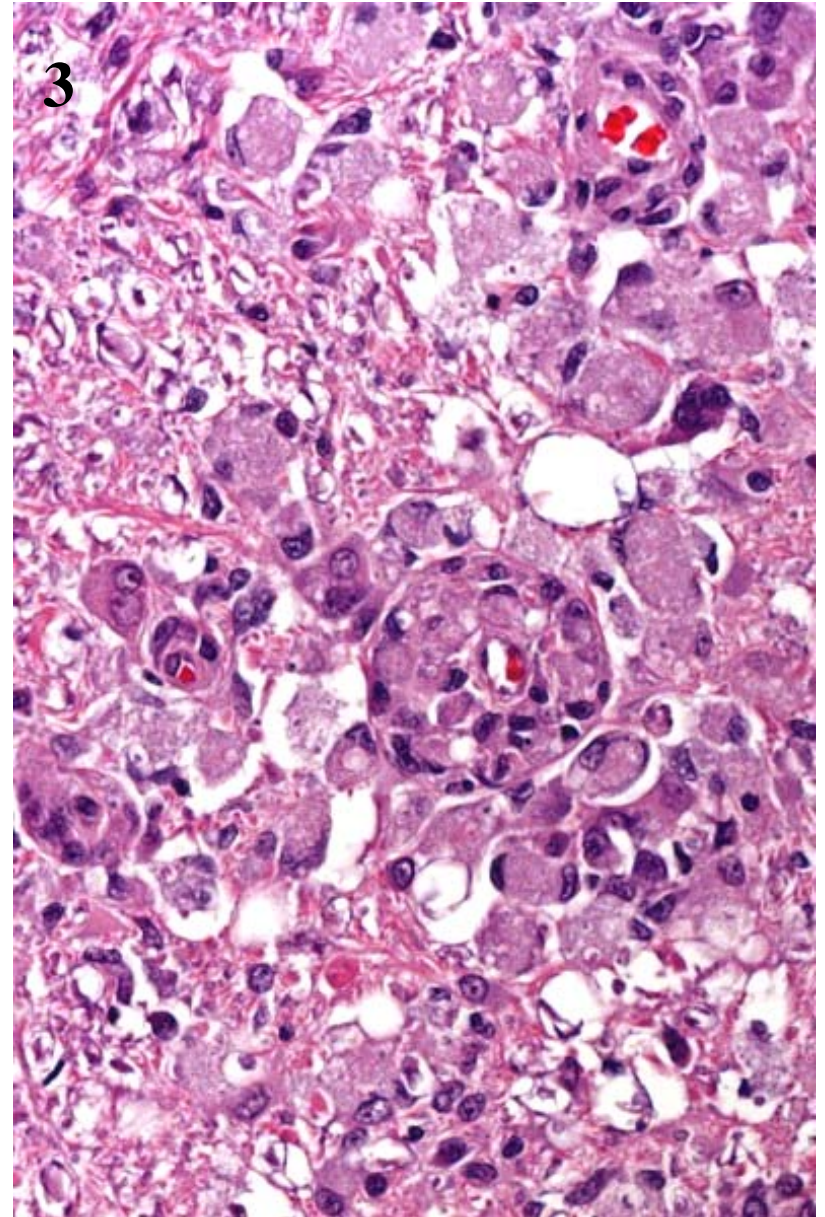
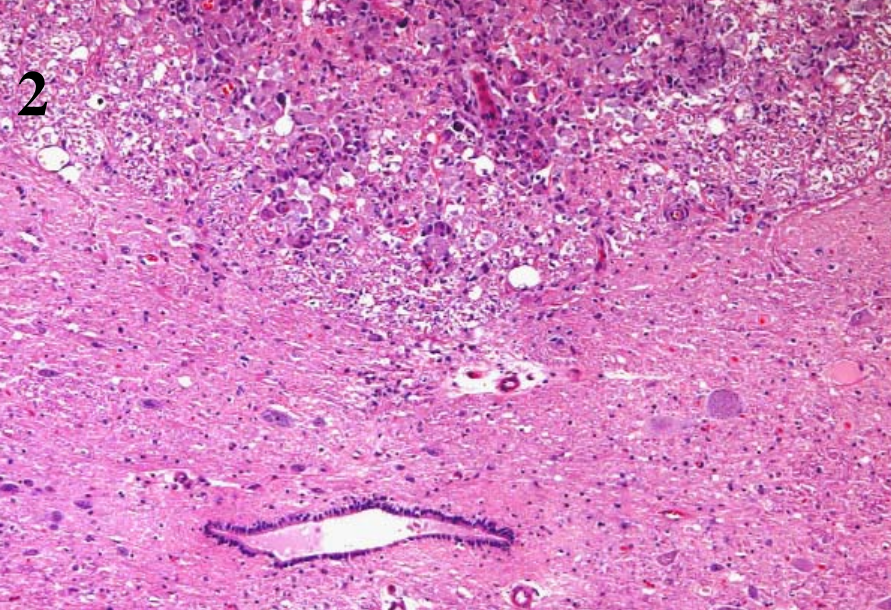
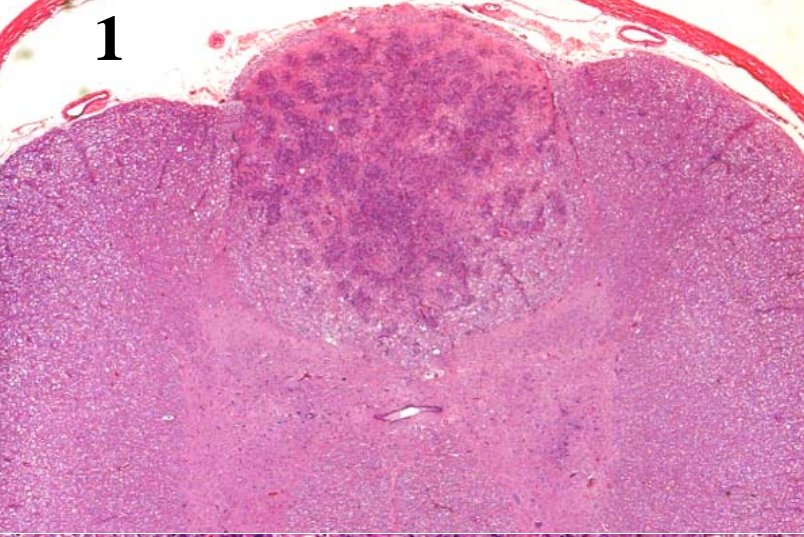
**1) List the significant descriptive features in each of the 3 images.**

**2) Indicate the pathologic processes in evidence**

**3) Make an MDx**

**4) Give a likely aetiology and suggest other historical and pathologic evidence which would support this conclusion**

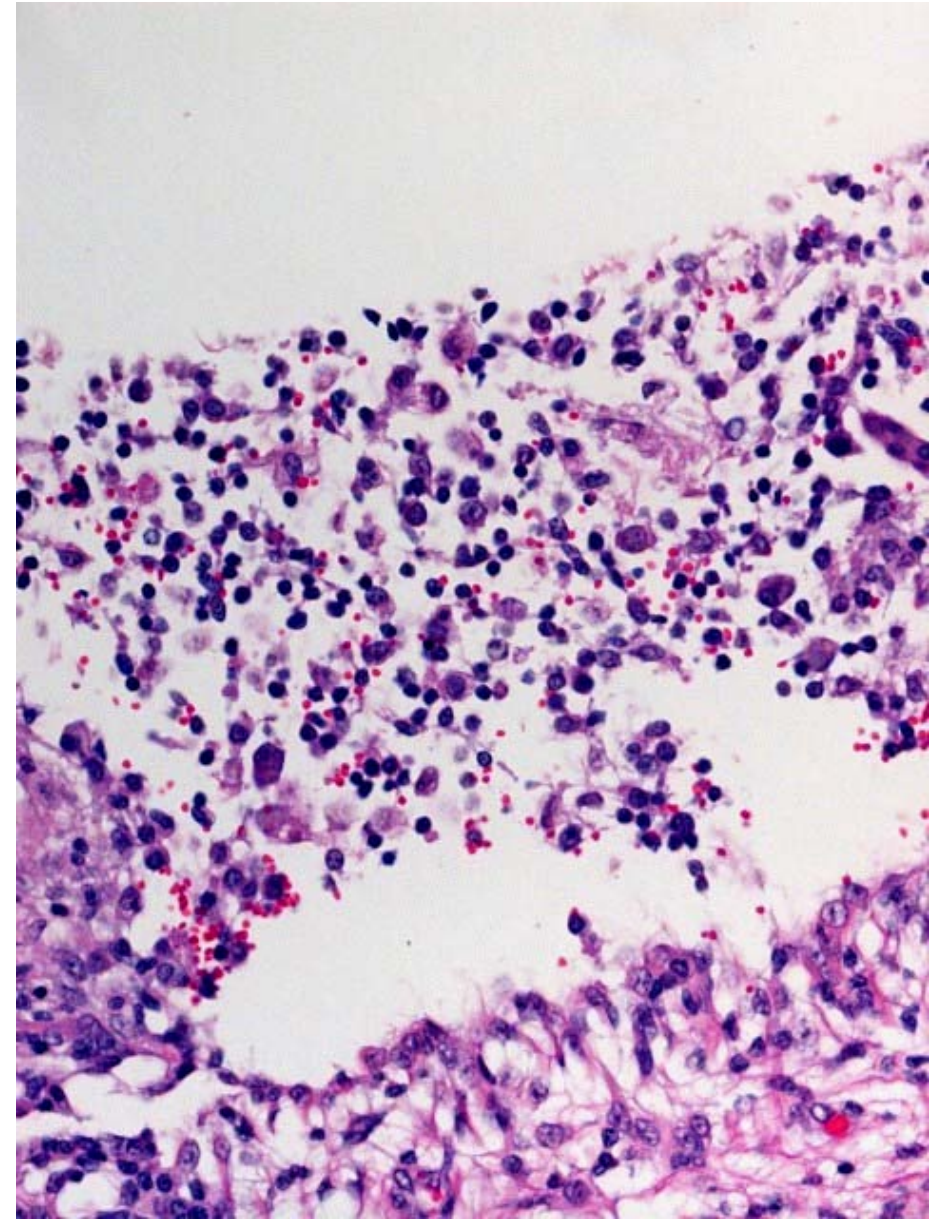
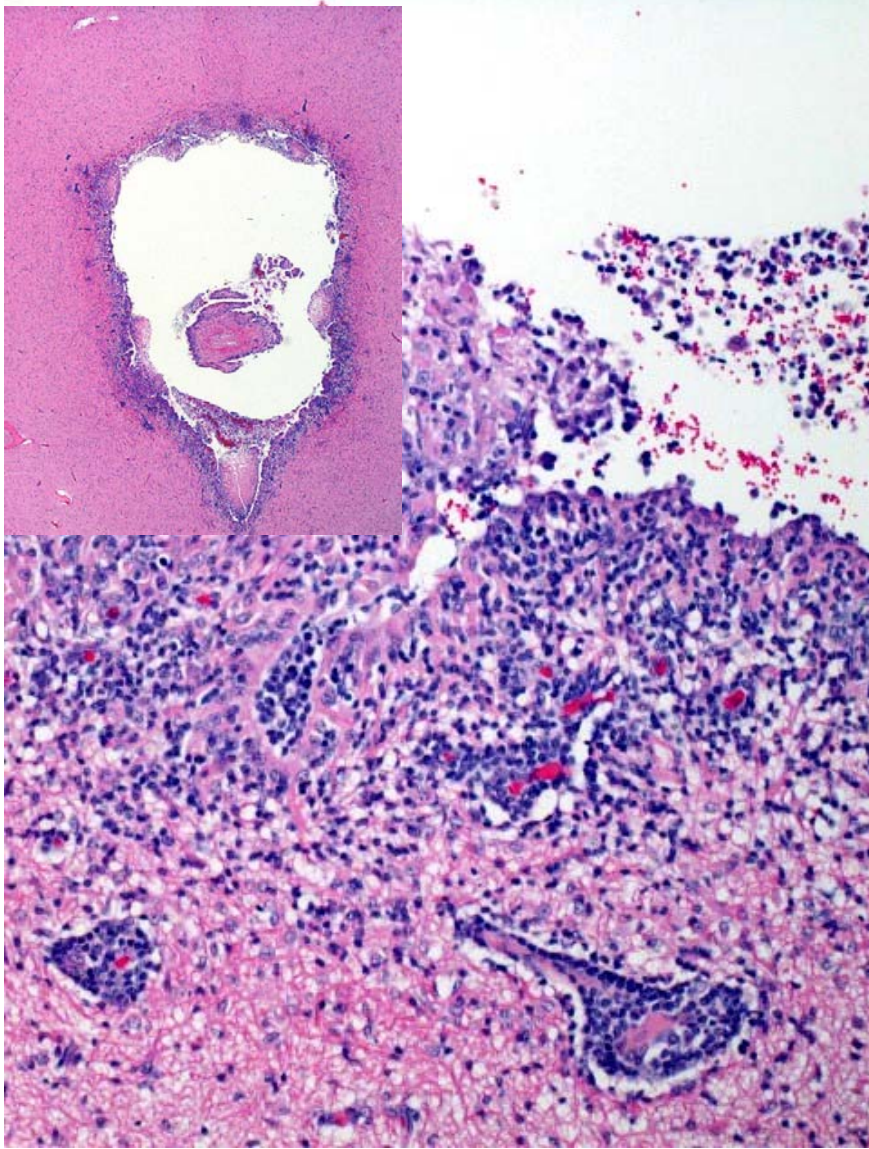
**5) Name other agents which might cause similar lesions**



**Case 3.2. – Spinal cord of a young dog**

**Exercise –**

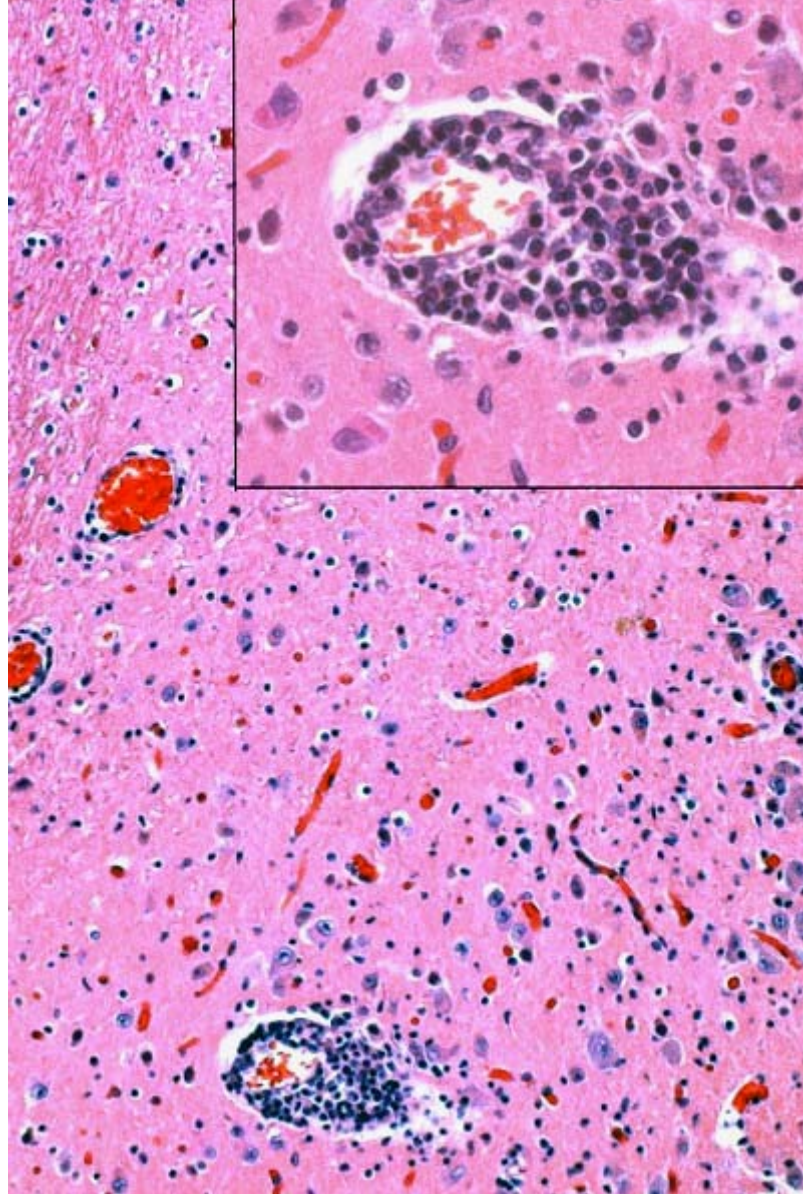
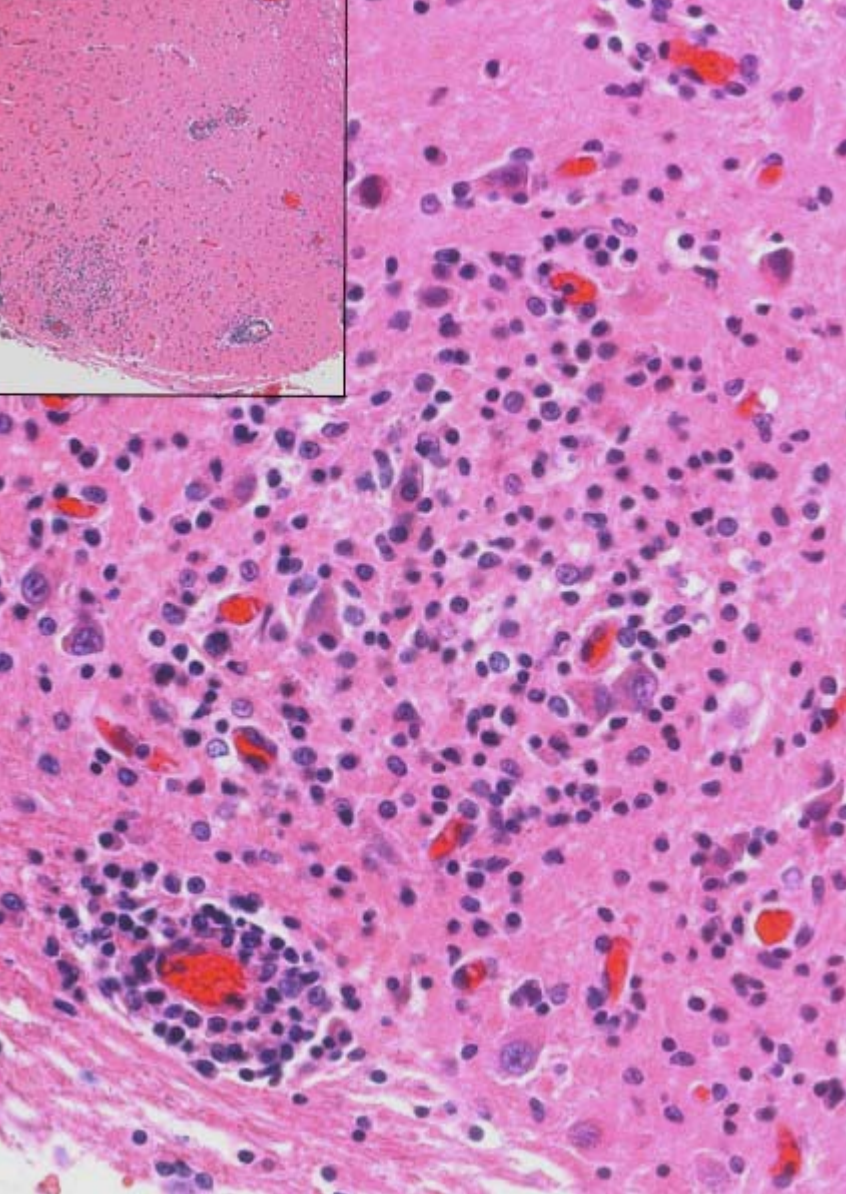
- 1) Describe the abnormal features in each image
- 2) Comment on processes that can be identified or suggested by the changes
- 3) Comment on the implications of the anatomic features of the lesion
- 4) Give an MDx
- 5) Suggest a specific Dx and indicate where other lesions might be found



**Case 3.3 – Midbrain (unspecified initially)**

**Exercise –**

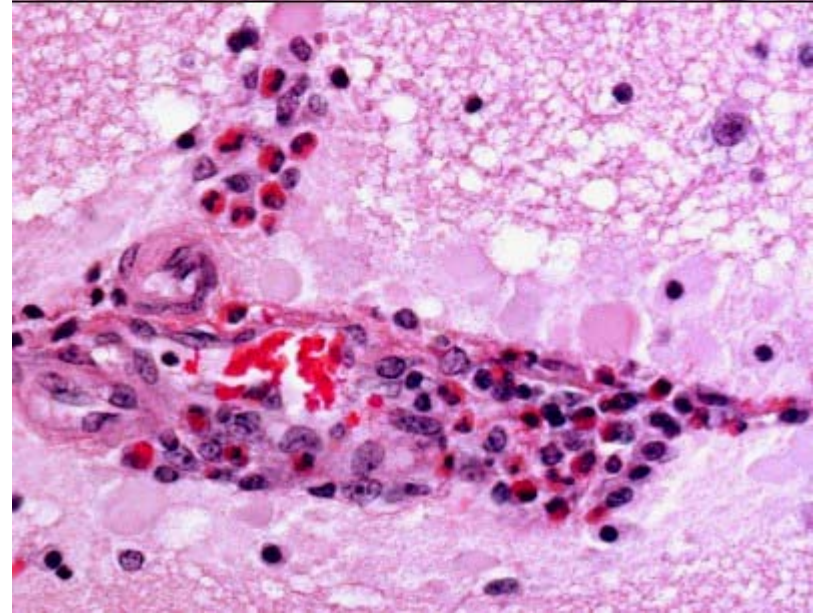
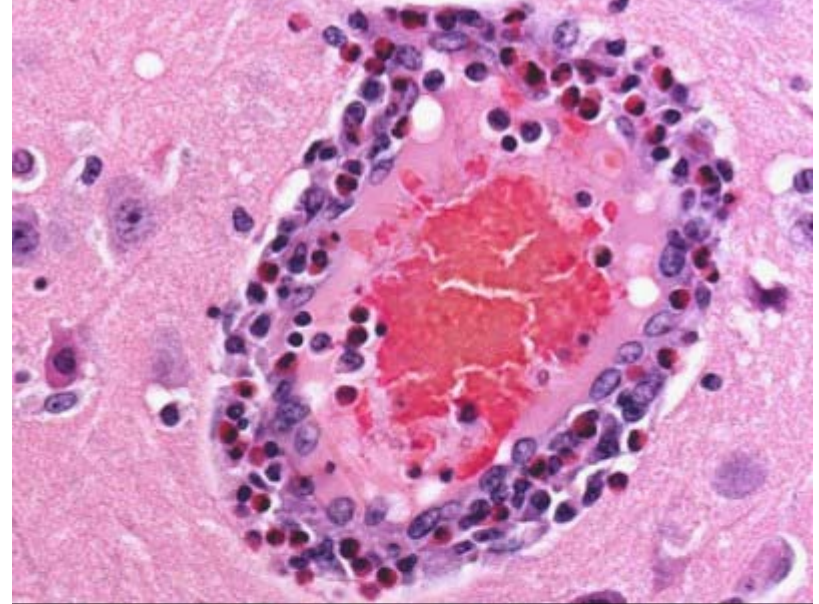
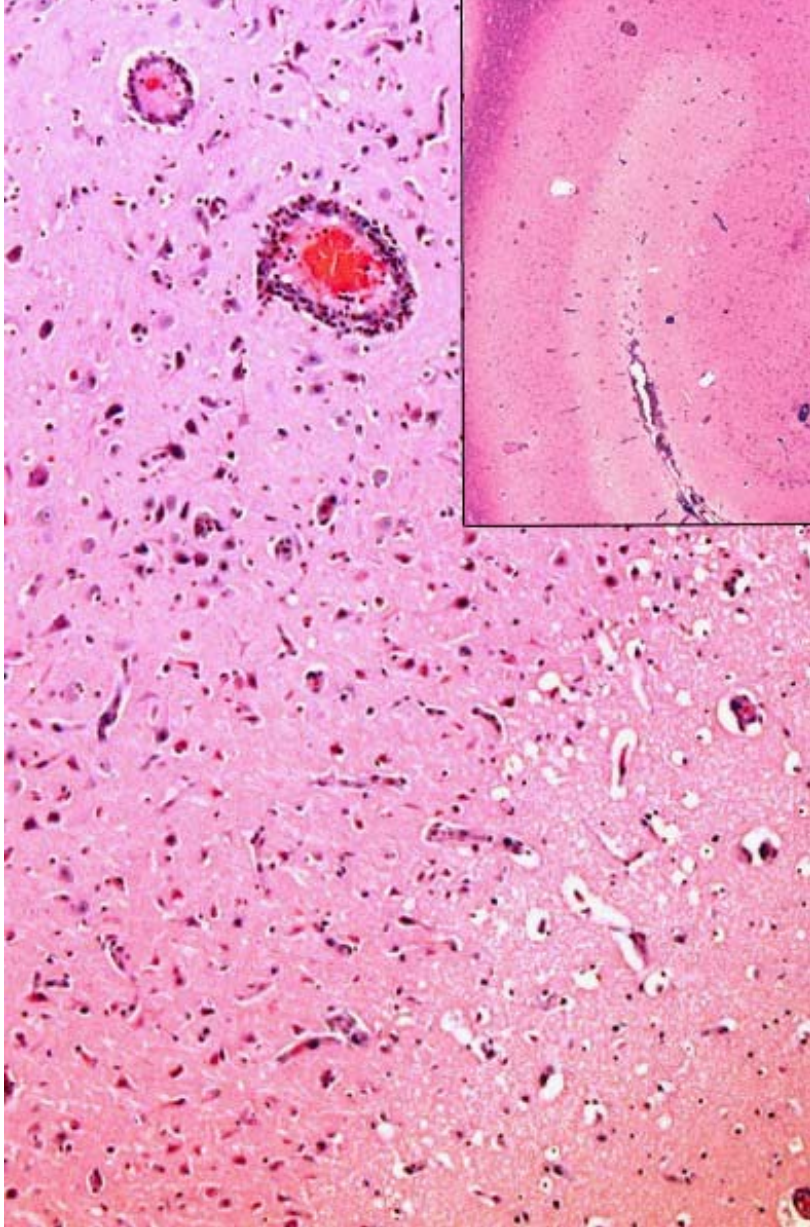
- 1) Name the process that can be identified and describe the lesion**
- 2) Give an MDx**
- 3) Name a specific disease suggested by this pattern of lesion a) in an ovine b) in an equine**
- 5) Given that the subject in this case was a caprine, suggest an aetiology and comment on the findings**



**Case 3.4 – Thalamus of a cat – Hx of acute seizures and death**

**Exercise –**

- 1) Give a general description of the abnormal features**
- 2) Give an MDx and indicate a specific infectious disease that should be excluded**
- 3) Comment on the specific feature which suggested this disease**



**Case 3.5 – Cerebral cortex - unspecified**

**Exercise –**

- 1) List the significant features illustrated**
- 2) Comment on processes that can be identified**
- 3) Give an MDx, the likely species of animal and the specific disease indicated**