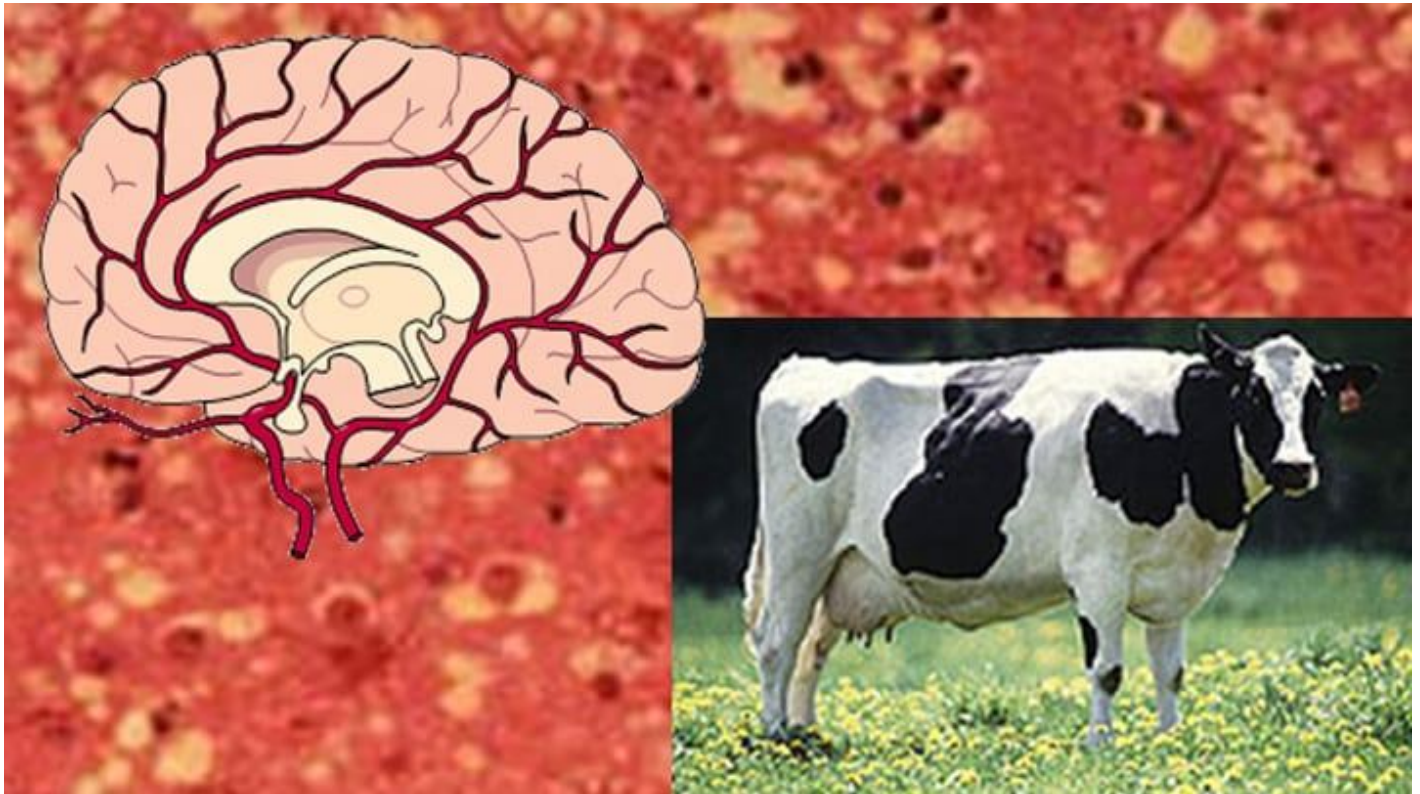


What is Mad Cow disease?

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About Mad Cow disease:

- It is also known as bovine **spongiform encephalopathy** (BSE).
- It is a transmissible, slowly progressive, degenerative, and fatal disease which affects the central nervous system of adult cattle.
- **Causes:** It is caused by a protein called a prion, which is normally found on cell surfaces, called a prion,
- When this protein gets altered, it **destroys the nervous system tissue**- the brain and spinal cord.
- **Transmission:** A cow gets BSE by eating feed contaminated with parts that came from another cow that was sick with BSE.
- **Symptoms:**
 - A common sign of BSE in cows is incoordination. A sick cow has trouble walking and getting up.
 - It usually takes four to six years from the time a cow is infected with the abnormal prion to when it first shows symptoms of BSE.
 - There are no vaccines available for this disease.

Q1) What is the nervous system?

The nervous system is a complex network of nerves and cells that carry messages to and from the brain and spinal cord to various parts of the body.

Source: [Mad cow disease case halts Brazil's beef exports to China: What is it?](#)

Source: <https://vajiramandravi.com/current-affairs/what-is-mad-cow-disease/>

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