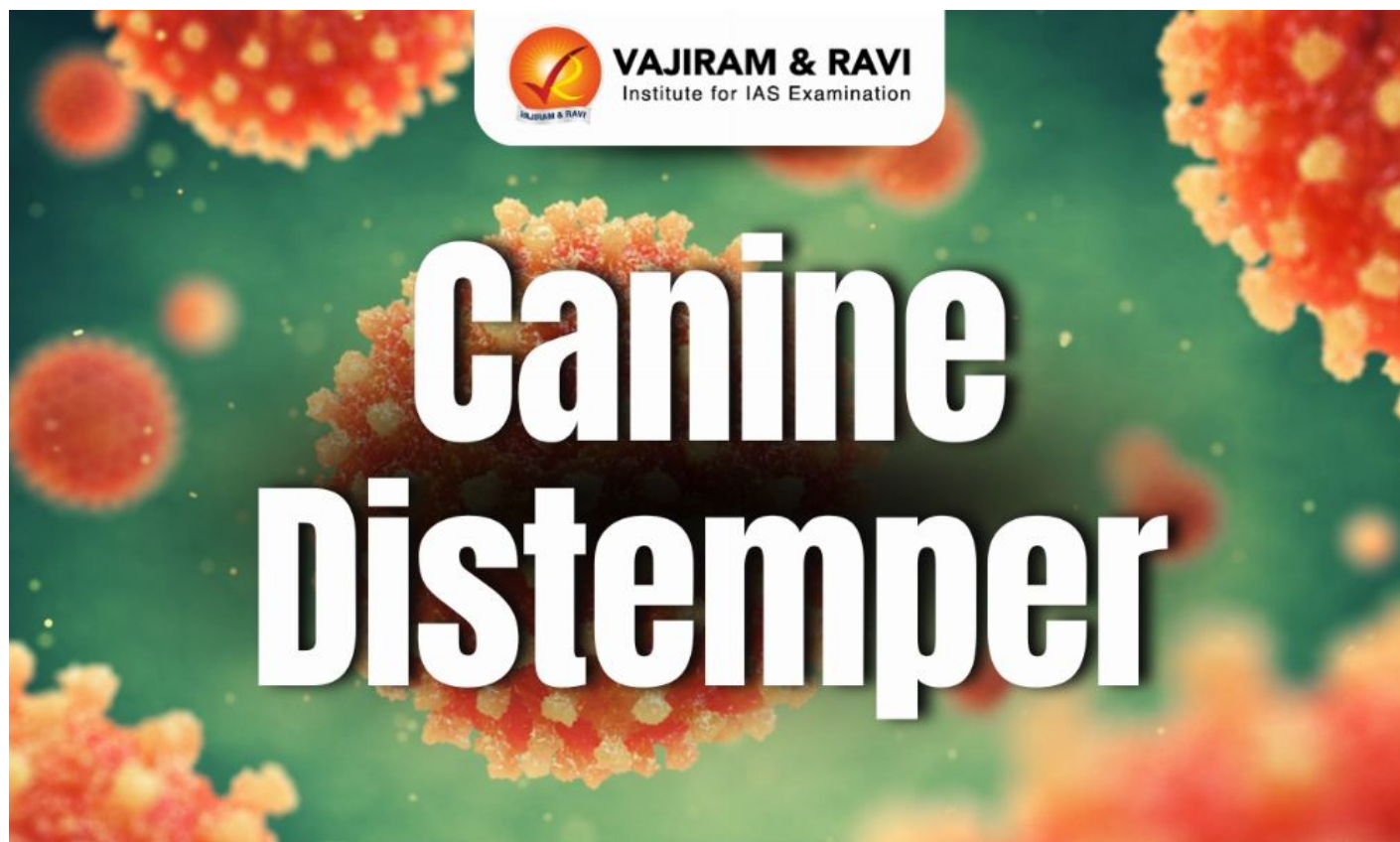


Canine Distemper

May 1, 2026 • vajiramandravi.com



Canine Distemper Latest News

A tigress and her four cubs died in Kanha Tiger Reserve recently, prompting concerns over a Canine Distemper Virus outbreak.

About Canine Distemper

- It is a **contagious** and serious disease caused by the **canine distemper virus (CDV)**.
- The virus **attacks** the **respiratory, gastrointestinal, and nervous systems of dogs** and has a very **high mortality rate**.
- **All dogs are at risk** of canine distemper. Those at particular risk include puppies younger than four months and dogs that have not been vaccinated against CDV.
- CDV is a **worldwide multi-host pathogen** and is **increasingly found in wildlife species**, including **carnivores, large felids, marine mammals, and non-human primates**.

Canine Distemper Transmission

- It is spread through **direct contact or airborne exposure**.
- The virus does **not last long in the environment** and can be **destroyed by most disinfectants**.
- However, the distemper-infected **dogs can shed the virus** for up to **several months**.
- Once a dog is infected, the virus **quickly spreads** throughout the **entire body** and significantly **weakens the immune system**, leaving them susceptible to secondary infections.

Canine Distemper Symptoms

- Symptoms of distemper vary a great deal, depending which organs are affected, symptoms are usually:
 - **cough**
 - **fever**
 - inappetence
 - lethargy
 - **runny eyes and nose**
 - **diarrhoea**.
- This can then progress to more **severe symptoms**, including:
 - **thickened nose** and foot pads
 - **tremors**
 - paralysis
 - **seizures**.

Canine Distemper Treatment

- There is **no cure, and no antiviral drugs** have been approved to combat the infection.
- The **best way to prevent** canine distemper is through **vaccination**.

Source: **TH**

Source: <https://vajiramandravi.com/current-affairs/canine-distemper/>

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