

# Rabies in a puppy from agrarian area Ceará State, Brazilian Northeast

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## INTRODUCTION

Rabies is a zoonosis totally fatal, whose vaccination of dogs and cats is recommended from three months of age as preventive and control measures.

The aim is to report occurrence of rabies in a two-month-old-age dog from the agrarian area of Orós City, Ceara State, Brazil.

## METHODS

At early July 2024, was informed about bite accident involving three children and a puppy, that died suddenly same night.

Puppy rescued from forests, shown previously inappetence, salivation, aggression and prostration before dying.



Samples of spinal cord and brain was collected and sent for analysis by Direct Immunofluorescence (DIF).



## RESULTS

IFD was positive for rabies only in the hippocampus. No nearby animals were reported to have rabies-related symptoms in the subsequent weeks. The post-exposure prophylaxis protocol was immediately initiated for the children. Other animals that had contact, were vaccinated.



## CONCLUSION

The occurrence of rabies in puppies develops rapidly, representing a significant risk! Therefore, the importance of immunization is emphasized, even in animals under three months of age, and prophylaxis for exposed people.