

## عنوان مقاله:

A case report of Distemper Virus in a human specimen in Iran

## محل انتشار:

بیستمین کنگره بین المللی میکروب شناسی ایران (سال: 1398)

تعداد صفحات اصل مقاله: 1

## نویسندگان:

Saeed Nezaratizade - *Faculty of Veterinary Medicine, Shahrekord Branch, Islamic Azad University, Shahrekord, Iran*

Nasrin Nasiri - *Department of genetic, Faculty of Biological Science and Biotechnology, Shahid Ashrafi Esfahani University, Isfahan, Iran*

Hassan Momtaz - *Department of Microbiology, Shahrekord Branch, Islamic Azad University, Shahrekord, Iran*

Naser Nasiri - *Faculty of Veterinary Medicine, Shahrekord Branch, Islamic Azad University, Shahrekord, Iran*

## خلاصه مقاله:

**Introduction and Objectives:** Canine distemper virus (CDV) of morbillivirus, severe and highly contagious disease in dogs from Paramyxoviridae family is remarkably similar to the measles and Bovine rinderpest are two species of this family. Due to the mutation in the virus, its hosts are increasing. Respiratory, digestive and nerve problems are a hallmark of the disease. The purpose of this survey is to report a case of diagnosis of serum and molecular Distemper in a human sample. **Materials and Methods:** At first, the sample of saliva was tested by a CDV diagnostic chromatography kit with 2 weeks interval, and then the positive samples of the blood were conducted to the Molecular Detection Laboratory. **Case report:** Person s 31-year conflict respiratory symptoms of cough, leaving the confusion of a piece with fever, malaise, anorexia and diarrhea and cramps are severe and interfere with disturbances in vision and concentration to the local clinic without testing. The possibility of the flu was diagnosed but did not respond to treatment and was suspected due to a history of frequent contact with distempered pets. This case was examined and improved after antibiotic treatment and supportive treatment and the symptoms were discontinued and completely treated. **Results:** The results of serological and molecular tests of the blood sample of the suspect were declared positive and confirmed by molecular test (PCR). **Conclusion:** this is the first human distemper virus in Iran. according to emerging evidence distemper virus shows clinical signs in human. It is recommended that vaccination against distemper virus in domestic animals be taken seriously.

## کلمات کلیدی:

distemper, Human, Blood, Serology, PCR

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/987476>



