

Ocular Presentation of Monkey Pox: A Brief Review

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Abstract

Monkey pox can be presented through the eyes, and this could be the first time. Due to the probability of a widespread epidemic at this time, practitioners must be aware of the possibility of ocular problems in monkeypox. Monkey pox has spread across Europe, creating a significant public health risk [2]. The authors review the ocular manifestation of monkey pox in this brief essay.

Keywords: Monkeypox; Ocular; Presentation

Introduction

Ocular disease is a serious medical issue. Ocular problems are a probable clinical symptom of many infections. Numerous infectious diseases are currently causing concerns. The most significant hazard in 2022 will be the reemergence of viral illnesses such as monkey pox. Pox is a deadly infection that infects most people and causes an acute sickness with dermatological symptoms. Pox, smallpox, and chickenpox are the most well-known human pox illnesses. Emergent zoonotic pox infections, in addition to the well-known pox infections, have emerged as a fascinating new topic in infectious medicine [1]. Monkey pox has spread across Europe, creating a significant public health risk [2]. The authors review the ocular manifestation of monkey pox in this brief essay.

Monkey pox and its current outbreak problem

The aetiology of monkey pox, a rare pox infection that has resurfaced, is thought to be zoonosis [1]. The medical community has become concerned as the number of reported cases in various

countries has increased [2]. Human-to-human transmission is currently being researched. The medical community's curiosity has been sparked by an increasing number of reported instances in a range of countries. COVID-19 taught us that in the event of an outbreak, we must act immediately, examine thoroughly, and respond quickly. Monkey pox has existed for quite some time. In order to limit disease importation from endemic areas, clinical research on newly emerging cases, as well as disease control measures and good case screening, is critical [2].

Cases of monkeypox have been reported to WHO from multiple Member States that are not endemic for the monkeypox virus, spanning three WHO regions, since May 13. Epidemiological investigations are ongoing; however, no recorded cases have been linked to endemic locations. According to current evidence, incidents have been detected primarily, but not solely, among men who have sex with men (MSM) seeking care in primary care and sexual health clinics. As a result, monkeypox is currently a topic of international interest.

Ocular presentation of monkey pox

A thorough understanding of the clinical manifestations of monkey pox is required for an accurate and prompt diagnosis. In this study, the authors discuss ocular problems as a manifestation of monkeypox. Indeed, ocular problems are a common clinical symptom of many new illnesses. There is some information available on the ocular appearance of monkeypox. Purulent conjunctivitis and blepharitis are reported in the rabbit model [3]. Conjunctivitis is a probable clinical manifestation of spontaneous infection in pirate dogs [4].

There is a scarcity of data on this topic in human situations [1]. There is a paper that mentions assessing conjunctivitis in monkeypox cases [5]. However, no conjunctivitis was seen in that report [5]. However, eyelids and conjunctivitis are typical problems in another study by Jezek, *et al.* [6]. Furthermore, corneal scarring can result in significant and permanent eye injury [7].

Conclusion

It is possible that monkey pox will manifest ocularly for the first time. Due to the probability of a large-scale epidemic at the moment, practitioners must notice the possibility of an ocular problem in monkeypox.

Conflict of Interest

None.

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