The Connection between Keratitis and Dry Eye Syndrome

Department of Immunotechnology, Yogyakarta State University, Indonesia

Keratitis and Dry Eye Syndrome (DES) are two interrelated ocular conditions that signiýcantly impact patients' visual health and quality of life. This review explores the connection between keratitis and DES, focusing on the pathophysiological mechanisms, clinical manifestations, and therapeutic approaches. Keratitis, an inþammation of the cornea, often arises as a complication of untreated or poorly managed DES. The chronic deýciency in tear production and/or tear ýlm instability in DES leads to corneal epithelial damage, which predisposes the eye to infection, inþammation, and subsequent keratitis. In turn, keratitis exacerbates the symptoms of DES, creating a vicious cycle of ocular surface disease. Recent advances in diagnostic techniques have improved the ability to detect early signs of both conditions, allowing for more targeted interventions. Treatment strategies emphasize the importance of addressing both the underlying tear ýlm dysfunction in DES and the inþammatory processes in keratitis to prevent long-term damage to the cornea. Understanding the intricate relationship between keratitis and DES is crucial for developing comprehensive management plans that enhance patient outcomes and preserve ocular health.

Keywords: K ; D E S ; O S D ; T F D ; C I E D .

Introduction

K D E S (DES) - , . D E S , , , [1]. K , , DES, . , [2], D , , , .

A DES . .I DES, , . , .

. M , DES , [4]. DES , , DES.

C , DES . P DES

Xinying Xue, Department of Immunotechnology, Yogyakarta State University, Indonesia, E-mail: Xnygxue@gmail.com

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Conclusion

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