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# Dysfunkcja gruczołów Meiboma jako przyczyna stanów zapalnych powierzchni oka

## Meibomian Gland Dysfunction as a Cause of Eye Surface Inflammation

Marta Kiziak<sup>1</sup>, Ewa Langwińska<sup>1,2</sup>, Jacek P. Szaflik<sup>1,2,3</sup>

<sup>1</sup> Samodzielny Publiczny Kliniczny Szpital Okulistyczny w Warszawie

<sup>2</sup> Katedra i Klinika Okulistyki Wydziału Lekarskiego Warszawskiego Uniwersytetu Medycznego  
Kierownik: prof. dr hab. n. med. Jacek P. Szaflik

<sup>3</sup> Centrum Mikrochirurgii Oka „Laser” w Warszawie

### Summary:

Meibomian glands dysfunction is described as one of the most common ophthalmic diseases in the world. Meibomian glands dysfunction is the most common cause of posterior blepharitis. Meibomian glands are the only ones responsible for the production of the tear film lipid layer. There are many diseases which induce Meibomian glands dysfunction, even leading to their disappearance. It is concluded that Meibomian glands dysfunction can both cause and result from dry eye syndrome through a process of events involving inflammation of the ocular surface. Accurate diagnosis becomes a great challenge, and it is of key importance in selecting the optimal form of treatment. This article provides an overview of the current understanding of Meibomian gland dysfunction and its therapeutic outlook.

### Key words:

Meibomian glands (MG), Meibomian glands dysfunction (MGD), tear film lipid layer (TFLL), dry eye disease (DED).

### Słowa kluczowe:

gruczoły Meiboma, dysfunkcja gruczołów Meiboma, warstwa lipidowa filmu łzowego, zespół suchego oka (ZSO).