

## Prevalence and clinical characteristics of dry eye syndromes in patients with diabetes mellitus

Tayyaba Ayub

The University of Lahore, Pakistan

### Abstract

Diabetes is one of the most common leading causes of blindness in 20–74-year old persons. Cataract and retinopathy are well-known as ocular complications of diabetes. Recently, problems involving the ocular surface, dry eyes in particular, have been reported in diabetic patients. These patients suffer from a variety of corneal complications including superficial punctate keratopathy and persistent epithelial defect. Dry eye is an important contributor to these problems. Dry eye syndrome has many causes. One of the most common reasons for dryness is aging process

Systemic diseases, such as diabetes, thyroid-associated diseases, lupus, rheumatoid arthritis and Sjogren's syndrome contribute to dry eye problems. Poor glycemic control affects both the anterior and the posterior segments of the eye and increasing prevalence of diabetes-associated with dry eye syndrome has been reported in recent years. The pathogenesis and specific features of Diabetes associated with dry eye syndrome remain uncertain and interventions are limited to those used in Dry eye syndrome. This review outlines the pathogenesis, clinical manifestations, and the current preventive and treatment strategies for diabetes-related Dry eye syndrome. So, the objective of this study is to get to know about association of dry eye with diabetes.



### Biography:

Tayyaba Ayub completed his medicine and working as a Assistant professor in the field of ophthalmology at The University of Lahore, Pakistan.

### Speaker Publications:

1. Difference between pre and postoperative astigmatism in ecce. (OPHTHALMOLOGY UPDATE)(vol.15 No.3, July-September 2017)
2. Effect on the size of pin hole on improvement of visual acuity in relation to the level of Ammetropia. . (OPHTHALMOLOGY UPDATE) (vol.15No.4, oct-dec 2017)
3. Editorial on deficiency of vitamin –D and its deleterious effects on several systems. (OPHTHALMOLOGY UPDATE) (vol.16 No.1, Jan-March 2018)
4. Risk factors of Night Blindness in women of child bearing age (VOL.17 NO.2 April-June 2019)
5. Global risk of myopia (Editorial). (OPHTHALMOLOGY UPDATE) (VOL.17 NO.2 April-June 2019)

[3<sup>rd</sup> World Eye and Vision Congress](#); Webinar- December 17, 2020.

### Abstract Citation:

Tayyaba Ayub, Prevalence and clinical characteristics of dry eye syndromes in patients with diabetes mellitus, Eye 2020, 3<sup>rd</sup> World Eye and Vision Congress; Webinar- December 17, 2020. <https://eye.conferenceseries.com/2020>