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## Frequency of risk factors in bacteria corneal ulcer

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The aim and objective of the study were to examine the risk factors which are responsible for causing corneal ulcers. Corneal ulcer may be defined as discontinuation in normal epithelial surface of cornea associated with necrosis of surrounding cornea tissue. It is a potentially blinding ocular condition of cornea which can cause several visual losses if not treated at early stage. It is caused by bacteria, viruses, fungi, protozoa and other parasites. But bacteria are the most common cause of cornea ulcer. A particular feature of bacterial corneal ulcer is its progression and corneal destruction which may be completed within 24 - 48 hours caused by virulent bacteria. It is obvious from the results that trauma with vegetative material was the most common risk factor. It is evident from the data that 18(25%) from rural population and 7(9.72%) from urban population showed trauma due to vegetative materials. It was more in rural population than urban population. History of non-vegetative trauma in 7 (9.72%) and 9 (12.5%) in rural and urban population respectively was recorded. as shown in, ocular surface disorder was observed in 1 (1.38%) and 2 (2.77%) patients belonging to rural and urban population respectively. The keratitis was induced by foreign bodies in 5 (6.94%) and 3 (4.16 %) patients belonging to rural and urban population respectively. There were 8 (11.11%) of total patient of foreign bodies of rural and urban population. Contact lenses affected 8(11.11%) patients from rural and urban populations. Rural population was more affected by contact lenses than urban population. Keratopathies including herpetic, ballous and post operative keratopathies were present in 3 (4.16 %) patients. Blepharitis was observed in 3 (4.16%) patients. It was observed that 4 (3.7%) patients had no significant prior history.

### Biography

Akbar Ali Thind is a Cosmetologist in Thind Cosmetic Laser Centre, India with 10 years' experience in the field of Cosmetic Dermatology. He is attending many Conferences and workshop in all over world is the highest qualified Cosmetology Doctor in Malerkotla with a Diploma in Aesthetic Medicine. He get two time scholarship from India government.

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