



Corneal Dystrophies and Degenerations - Genetic and Clinical Update

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Message from the Guest Editors

Corneal dystrophies (CDs), degenerations and ectasia are rare diseases that cause patients to develop low vision and blindness in the most productive decades of life, with severe impact on quality of life, as more than 90% of the information exchanged is visual.

Current standards for diagnosis are during clinical exploration at advanced stages of the occurring disease, and treatment is focused on corneal laser or manual surgeries based on limited imaging tool information and bears a high cost for the health system with a non-optimal visual outcome.

At present, there are no curative treatments for these conditions, no customized approaches for different genetic disorders, and there is an unmet medical need in the early diagnosis of such disorders.

This Special Issue of the *Journal of Clinical Medicine* will cover the following important aspects of clinical and genetic data on corneal dystrophies, degenerations and ectatic diseases:

- New modalities in diagnostic methods;
- Ocular surface and corneal morphology features;
- Updates on treatment methods used in clinical setting;
- New treatment algorithms;
- Genetic update focused on diagnosis and treatment.





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Message from the Editorial Board

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