



Clinical Updates in Corneal Transplantation

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Message from the Guest Editor

Corneal transplantation has been revolutionized over the last 15 years. The introduction and refinement of lamellar transplantation techniques, technological innovations in surgical instrumentation, as well as eye banking advancements in corneal tissue preparation have improved the clinical outcomes of corneal transplantation. Moreover, the employment of modern technology such as the use of excimer laser or femtosecond laser, together with technological innovations including intraoperative optical coherence tomography or 3D head-up surgery, provide increased precision and safety, particularly in complex keratoplasty cases. Finally, translational research has contributed enormously to the development of innovative corneal cell transplantation techniques, while corneal tissue engineering is progressing rapidly, aiming to generate artificial corneal transplants.

Accordingly, this Special Issue, entitled “Clinical Updates in Corneal Transplantation”, aims to collect original research and systematic reviews related to indications, clinical outcomes, surgical techniques, and complications, as well as advances and innovations in corneal transplantation.





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