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(57) Abstract :
A corneal epithelium detection device (100), the device (100) captures and stores a first slit image of an eye of a patient on a first visit. The device (100) analyzes a staining pattern formed on a corneal surface of the eye of the patient from the stored first slit image, and enables a medical practitioner to diagnose a corneal epithelium disease. On a follow-up visit of the patient, the device (100) captures and stores a second slit image of the eye. The medical practitioner compares the second slit image of with the first slit image to suggest the staining pattern, a diagnosis, and a severity index associated with a corneal epithelium disease. The device (100) further displays a status of the corneal epithelium disease on a display unit (108). Claims: 10, Figures: 3 Figure 1 is selected.

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