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Nota di contenuto	Intro -- Contents -- Principles of In Vivo Confocal Microscopy -- Optical Principles -- Types of Confocal Microscopes -- Tandem Scanning Confocal Microscope -- Slit-Scanning Confocal Microscope -- Swept-Field Confocal Microscope -- Laser Scanning Confocal Microscope (LSCM) -- Noncontact Confocal Laser Scanning Microscopy -- References -- Normal Anatomy -- Introduction -- Precorneal Tear Film -- Corneal Anatomy -- Epithelium -- Bowman's Layer -- Dendritic Cells -- Stroma -- Cornea Nerves -- Descemet's Membrane -- Endothelium -- Limbus -- References -- Inflammation and Keratitis -- Introduction -- Acute Inflammation -- Neutrophils (Polymorphonuclear Neutrophils) -- Dendritic Cells -- Erythrocytes and Other Inflammatory Cells -- Stroma -- Endothelium: Keratic Precipitates -- Microbial Keratitis -- Bacterial Keratitis -- Acanthamoeba Keratitis -- Fungal Keratitis -- Corneal Nerve and Dendritic Cellular Response in Bacterial, Acanthamoeba and Fungal Keratitis -- Microsporidia Keratitis -- Diagnostic Accuracy of IVCM in Acanthamoeba and Fungal Keratitis -- Viral Keratitis -- Herpes Simplex Keratitis and Herpes Zoster Ophthalmicus -- Cytomegalovirus Endotheliitis -- References -- Corneal Dystrophies -- Epithelial and Subepithelial Dystrophies -- Epithelial Basement Membrane Dystrophy (EBMD) (OMIM 121820) [1] -- Meesmann Corneal Dystrophy (MECD) (OMIM 122100) [1] -- Gelatinous

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