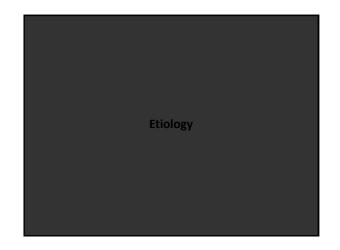
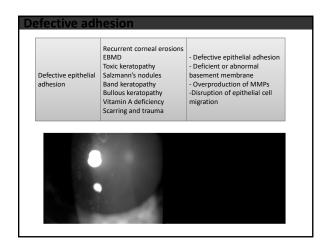
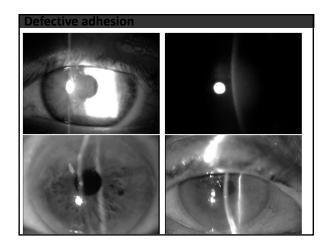
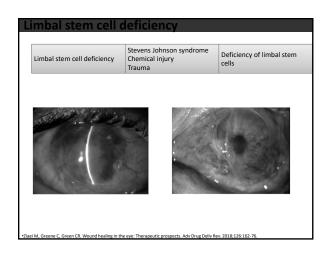


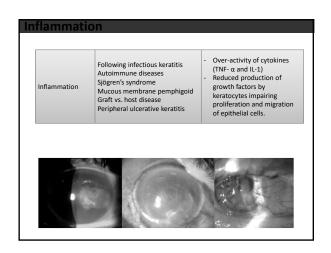
Presenter: Mo Ziaei Title: Persistent epithelial defects

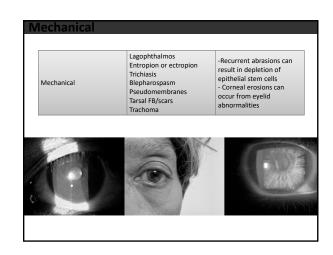


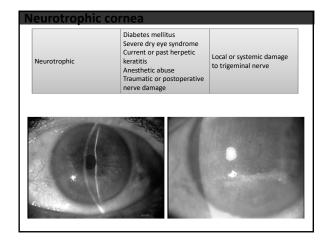


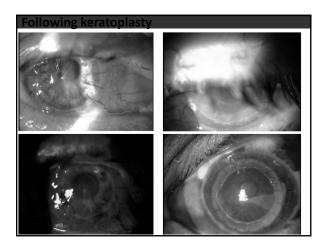


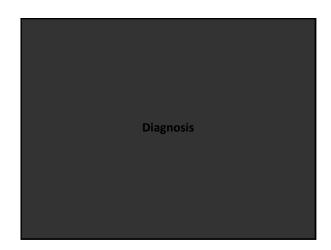


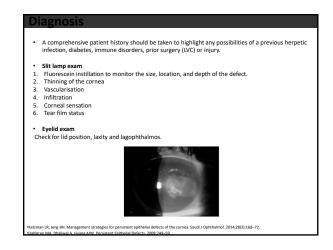




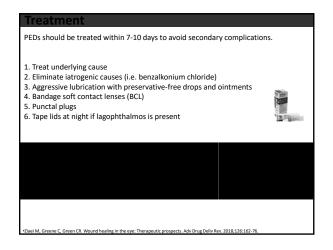


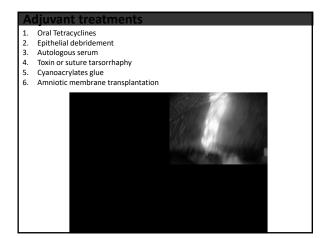






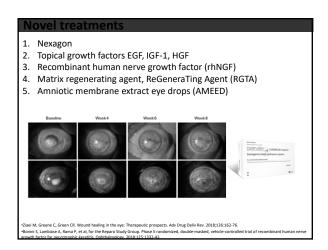


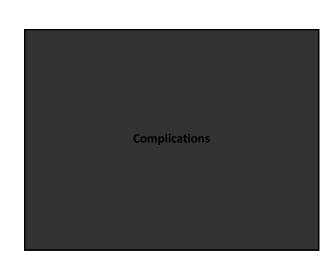




- Prophylactic topical antibiotics $(\underline{\text{QID}})$ probably reduce the risk of infectious keratitis particularly if a BCL has been placed.
- A PF 3^{rd} or 4^{th} generation fluoroquinolone is ideal but difficult to access in NZ.
- Corticosteroids, if applied in conjunction with appropriate antibacterial therapy, may reduce the inflammatory component of the disease and minimise scarring.
- Topical corticosteroids are controversial in treating PED because they may cause tissue destruction, stromal melting, and an increased risk of microbial keratitis.

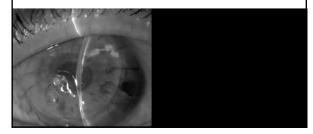






orneal melt and perforation

- The consequences of an untreated PED include:
- Infection
- Anterior stromal scarring
- Melting
- Neovascularization
- Ulceration
- 4. 5. 6. Perforation



- An epithelial defect lasting longer than 14 days is referred to as a PED.
- The etiology of PED is diverse.
- Treatment involves dealing with the underlying risk factors and a stepladder approach to encourage epithelial healing.
- PEDs refractory to treatment are uncommon but can have devastating consequences.
- Early recognition and referral to a corneal specialist can improve prognosis in thus patient group.