

# Management of ocular and peri ocular burns

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Ocular and peri ocular burns constitute true ocular emergencies. Both thermal and chemical burns can potentially lead to denaturation of tissue, inflammation, scarring and eventual blindness. As with all burns, in the immediate setting, emergency irrigation of the eye is paramount to minimize tissue damage. Early ophthalmology referral is important for acute and ongoing management. The extent of tissue damage is a prognostic indicator of recovery following these injuries and early surgical intervention focuses on protecting the ocular surface and promoting re epithelialization. Later, surgical treatments are directed at ocular surface reconstruction and procedures to restore vision. We present our treatment guidelines at the Royal North Shore Burns Unit regarding ocular burns and present several cases of challenging ocular burn injuries encountered in our unit.

## Key Words

Burns, Ocular

## Nominated Stream for Oral Presentations

Medical

Nursing

Allied Health

Scientific

## Nominated Stream for Poster Presentations

Care

Prevention

Research

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