



Title: Using high powered soft lenses in a piggyback system to change ocular shape

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Abstract:

Piggybacking is a great option to improve comfort for corneal gas permeable lens wearers. Most often the powers used for the soft lenses are low. This presentation will explore how using high powered soft lenses can change or regularise corneal shape, thereby improving the fit and centration of the corneal gas permeable lens. The presentation will give examples of what high powered soft lenses to use in certain instances, given the particular corneal geometry encountered by the practitioner. Oblate corneas, keratoconus, post graft, post-RK etc, are but some of the conditions that can be overcome using this technique. While scleral lenses are a great option for overcoming issues with complex corneal shape, they are not without their difficulties. Having another method of addressing these issues in practice, will add another tool in the contact lens specialist's toolbox to jump these hurdles.