

# Estimating Contact Lens Power in Post-Operative Infant Aphakia

## Based on Pre-Operative Axial Length

- Contact lens power =  $84.4 - (3.2 \times \text{Axial Length})$ 
  - Trivedi and Wilson. Ophthalmology, 2013 October; 120(10): 1973-1976 [Free full text](#)
- Contact lens power =  $70.4 - (2.5 \times \text{Axial length})$ 
  - based on Infant Aphakia Treatment Study which excluded eyes with corneal diameter <9 mm.
  - Trivedi et al. JAAPOS. 2014 June; 18(3):215-254 [Free full text](#)

## Based on Age

- Contact lens power =  $30.25 - (0.3554 \times \text{age in months})$ 
  - Martin et. al. Arch Ophthalmol. 1983; 101:39-41 [link](#)

[cataract](#)

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