

# Bölüm 13

## Presbiyopi Düzeltici Göz İçi Lensler: Hanita Grubu

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### Giriş

Yakın fonksiyonel görme kaybı presbiyopik hastaların yaşam kalitesini olumsuz yönde etkilemektedir (1). Multifokal lensler ile yapılan lens cerrahisi sonrası yakın, orta ve uzak mesafedeki yüksek görsel beklentilerin karşılanması, refraksiyon ve optik kalite sonuçlarının iyileştirilmesi amaçlanmıştır (2,3).

Modern katarakt cerrahisinde yaşam kalitesi açısından sonuçlar implante edilen göz içi lens (GİL) tipine bağlıdır (2-4). Multifokal GİL'lerin sonuçlarını değerlendiren çalışmalar, katarakt cerrahisinden ve refraktif lens değişiminden sonra farklı mesafelerde görme keskinliğinde bir iyileşme bildirmişlerdir (5-7). Ancak bu lenslerin optik tasarımıyla ilgili bazı sınırlamalar, görüntülerin üst üste binmesine bağlı oluşan halo ve glare (parlama), görüntü kalitesinin düşüşü ve azalmış kontrast duyarlılık gibi istenmeyen bazı semptom ve bulguların varlığına yol açmıştır (8,9). Difraktif multifokal GİL modelleri ile yakın ve uzak işlevsel görme keskinliği elde edilmesine rağmen, bu teknolojinin sağladığı zayıf orta görüş temel bir sınırlama olmuştur (10). Bu nedenle, birçok multifokal GİL üreticisi, fonksiyonel ara görüşü iyileştirmek için

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Tablo-6 Hanita EDoF Lens Teknik Özellikleri	
Tüm Çap	Active SeeLens :13.0 mm
	Active BunnyLens :11.0 mm(10 D ve üstü)
	11.5 mm(9.5 D ve altı)
Optik Çap	6.0 mm
Diyoptrik Güç	0 - +30.0 (0.5D artışlar ile)
	+31.0 - +35.0 (1.0D artışlar ile)
Optik Tasarım	Difraktif
Kenar Tasarımı	Çift Kare Kenar
Haptik Açılanması	5 °
Materyal	Hidrofilik Akrilik
Yerleşim Yeri	Kapsüler Kесе
Filtre	UV ve Mor Işık
Refraktif İndeks	Oca.46
A Constant	Optik/ İmmersiyon US biyometri 118.5
İnsizyon boyutu	1.8 mm

Hanita multifokal lensler küçük kesili lens cerrahisine olanak sağlamaları, günlük işlerin çoğunda gözlük bağımsızlığı sağlayan iyi bir uzak-yakın görüşe ve kabul edilebilir bir orta görüşe olanak sağlayan optik tasarımı sayesinde pek çok multifokal lens seçenekleri arasında tercih edilebilir görünmektedir.

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