

# 15. BÖLÜM

## UNİVENTRİKÜLER KALP

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### GİRİŞ

Univentriküler kalp (univentricular heart, single ventricle, common ventricle) konjenital kalp hastalıklarının %1-3 oranı ile nadir görülen yüksek mortalite ve morbiditeye sahip kompleks doğumsal kalp hastalıkları arasında sınıflandırılmaktadır. Farklı anatomik ve hemodinamik yapıda hasta popülasyonu barındıran univentriküler kalp hastalığının karakteristik özelliği, kalbin pompa fonksiyonunun tek ventrikül tarafından üstlenilmesidir. Olguların büyük kısmı “fonksiyonel tek ventrikül“ olup diğer ventrikül rudimenter yapıda görülmektedir. İlişkili kardiyak ve ekstrakardiyak lezyonların değişkenliği heterojen ve kompleks yapıyı oluşturmaktadır (1-4). Tek ventriküllü kalp hastalarının doğal seyrinde ortalama yaşam süresi 4-14 yıl olup, erişkin yaşa ulaşan hasta sayısı nadirdir. Ancak günümüzde uygulanan cerrahi prosedürler, bilhassa Fontan operasyonu ve modifikasyonları ile hastaların yaşam süre ve kalitelerinde önemli ilerlemeler elde edilmiştir (5-6) .

### Etyoloji

Doğumsal kalp hastalıklarının etyolojisi birçok hastada henüz tamamıyla anlaşılmış olmamakla beraber hastaların yaklaşık %15’inde sendromal altyapı gözlenmektedir. Konjenital kalp hastalıkları genellikle embriyonal kalp gelişimin erken dönemini temsil eden gebeliğin 3. ve 7. haftalarında oluşmaktadır. Çoğu

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