

12. BÖLÜM

BÜYÜK ARTERLERİN TRANSPOZİSYONU

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GİRİŞ

Büyük arterlerin transpozisyonu (TGA), aortun sağ ventrikülden ve pulmoner arterin sol ventrikülden çıktığı ventriküloarteriyel uyumsuz bir lezyondur. TGA'nın en yaygın şekli, sağ ventrikülün sol ventrikülün sağına konumlandırıldığı ve aortun başlangıç noktasının anterior ve sağ tarafa yerleştirildiği dekstro tipidir (D-TGA olarak adlandırılır) (Şekil 1). D-TGA'nın anatomik kusuru, iki paralel dolaşımın bir sonucu olarak siyanotik kalp hastalığına yol açmasıdır. Birincisi, oksijeni giderilmiş sistemik venöz kanı sağ atriyuma ve tekrar sistemik dolaşıma sağ ventrikül ve aort yoluyla gönderir ve ikincisi, oksijenli pulmoner venöz kanı sol ventrikül ve pulmoner arter yoluyla sol atriyuma ve akciğerlere geri gönderir.

Epidemiyoloji

Genel olarak tüm dünyada TGA prevalansının 10.000 canlı doğumda 2.3-4.7 olduğu tahmin edilmektedir (1,2). TGA, tüm konjenital kalp hastalığı (KKH) bozukluklarının yaklaşık yüzde 3'ünü ve tüm siyanotik KKH kusurlarının yaklaşık yüzde 20'sini oluşturmaktadır (2).

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