



KORONER BİFÜRKASYON LEZYONLARINDA KISSİNG BALON UYGULAMASI VE PROKSİMAL OPTİMİZASYON TEKNİĞİ

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Giriş

Koroner bifürkasyon lezyonları günlük klinik pratikte en sık karşılaşılan kompleks lezyonlardandır (1,2). Kissing balon uygulaması ilk spesifik bifürkasyon uygulamasıdır ve koroner bifürkasyon girişimlerinde önemli bir role sahiptir. Kissing balon uygulaması stent deformasyonunu düzeltirken yan dala geçişi kolaylaştırır ve stent yerleşmesini optimize eder. Zamanla kissing balon uygulamasının tek başına koroner bifürkasyon stentlemede optimal sonuçlar için yeterli olmadığı anlaşılmıştır. Bu nedenle proksimal optimizasyon tekniği (POT) uygulanmaya başlanmıştır (3). Bu bölümde koroner bifürkasyon lezyonlarında kissing balon ve POT uygulamaları tartışılacaktır.

Final kissing balon inflasyon (FKBI)

FKBI, ana damar ve yan dal distal çapları ile uyumlu iki nonkompliyen veya semikompliyen balonun ana damarda yan yana getirilip şişirilmesinden oluşan bir tekniktir (1,2,4). Tek stent ve çift stent stratejilerinde farklı klinik sonuçlar gösterir. Tek stent stratejisinde yan dal ağzındaki darlıkta azalma sağlama dışında net klinik bir yarar gözlenmezken, çift stent stratejisinde istenmeyen kardiyak olay sıklığında önemli oranda azalmalar sağladığı gösterilmiştir (1,2,4).

Tek stent stratejisinde yan dalın durumu

Tek stent stratejisinde ana damar stentlendikten sonra yan dal ağzında stent strutları kalır (jailed-strut). Yan dal ağzında jailed-strut' ın uzun dönem etkileri tam olarak bilinmemektedir (2). Bir çalışmada, ana damar stentlemesinden sonra

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Kaynakça

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