

BÖLÜM 11

İnfertil Erkeğin Başlangıç Değerlendirilmesi

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İNFERTİLİTENİN TANIMI VE İLK YAKLAŞIM

Çocuk sahibi olmak pek çok çift için doğal ve kolay bir deneyimdir, ancak bazen bu deneyim çok zor olabilmektedir. İnfertilite korunmasız cinsel ilişki olmasına rağmen çiftlerin bir yıl boyunca gebelik elde edememesidir. (1-3) Erkek infertilitesi ise erkeğin fertil kadın partneri ile sık ve korunmasız cinsel ilişkisine rağmen 1 yıl veya daha fazla süreyle çocuk sahibi olamaması olarak tanımlanır (4). Bir yıl içinde gebelik elde edemeyen çiftlerden genç ve sağlıklı %40 ile 50'sinin özel bir tedavi olmadan sonraki bir yıl içerisinde gebelik elde edeceği bildirilmiştir (5). Bu nedenle hasta değerlendirmesinde doğru tanı ve tedavinin uygulanmasını da sağlamak için sabırlı bir yaklaşım uygun olabilir. İnfertilite üreme çağındaki çiftlerin %8-12'sini etkilemektedir (6) ve %50'sinde infertilitenin sebebinde erkek partner bulunmaktadır (7). Burada infertilitenin nedeni %20-30 sadece erkek kaynaklı ve %20 ise kadın infertilitesi yanında erkek infertilitesi de mevcuttur (8,9).

İnfertilite için araştırma ne zaman yapılmalıdır, bu konuda genel olarak çift 1 yıl gebelik elde edememişse araştırma başlar ancak 1 yıldan önce başlamasının uygun olduğu durumlar da mevcuttur (10,11);

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Tablo 6: Erkek infertilitesinde hormonal değerlendirmenin klinik olarak yorumlanması**Hipogonadotropik hipogonadizm**

Folikül uyarıcı hormon, luteinize edici hormon ve testosteron konsantrasyonunda azalma

Testiküler yetmezlik (oligoasthenoteratozoospermi ya da non-obstrüktif azospermi)

Folikül uyarıcı hormona ve luteinize edici hormon konsantrasyonlarında artma ile azalmış veya normal testostere konsantrasyonu

Sonuçsuz: normal spermatogenez veya kusurlu spermatogenez

Normal folikül uyarıcı hormon, luteinize edici hormon ve testosteron konsantrasyonu

Hiperprolaktinemi

Prolaktin konsantrasyonunda artma ile normal veya azalmış testostere konsantrasyonu

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