

BÖLÜM 22

Sperm Toplama Yöntemleri

Sami ŞAHİN¹

GİRİŞ

Sperm tipik olarak ejakulattan alınır. Obstrüktif ve nonobstrüktif azospermi, ejakülasyon disfonksiyonu, kanser tedavisi alan erkeklerde ise testislerden veya üreme sisteminden cerrahi olarak sperm alınır (1). Erkeklerde 2 veya 3 günlük cinsel perhizin ardından sabahları meni örneğini vermesi önerilir (2,3). Numune, ideal olarak laboratuvarında / ofiste bu amaç için belirlenmiş özel bir odada, mastürbasyon yoluyla üretilir. Tam ejakülat steril bir kapta toplanır. Kayganlaştırıcı çoğu sperm için toksik olduğundan önerilmez (4,5). Omurilik yaralanması, multiple skleroz, diyabetik nöropati, idiyopatik anejakülasyon veya iyatrojenik nörolojik lezyonları olarak erkeklerde bazı durumlarda ejakülatuar disfonksiyon infertilite sebebi olabiliyor. Bu tarz hastalar için penil titreşimli simülasyon (6) ve Elektro ejakülasyon (7) geliştirilip iyileştirilerek tedavi beklentisini arttırmaktadır. Yapılan bir derlemede sonuç olarak bu tarz hastalarda uygun tedavi seçimini doktorlarına bırakmıştır (8).

Azospermi genel popülasyonun %1'ini ve infertil erkeklerin %15'ini etkiler (9). Geçmişte azospermisi olan hastalar için tek seçenek tıkanma varsa rekonstrüktif cerrahi veya donör tohumlamasıydı. ICSI ortaya çıkışı ile birçok

¹ Uzm. Dr., Samsun Terme Devlet Hastanesi Kadın Hastalıkları ve Doğum Kliniği, drsahinsami@gmail.com

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