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الملخص العربى

يعرف العقم بأنة عدم القدرة على حدوث الحمل بعد مرور عام كامل مع حدوث الجماع وعدم استخدام وسائل منع الحمل، حوالى ٥٠% من هذه الحالات سببها العقم عند الرجال وأشهر هذه الأسباب حدوث انسداد فى القنوات القاذفة أما لعيوب خلقية او بعد عمليات جراحية، وأيضا من هذه الأسباب حدوث فشل فى الخصية وعدم القدرة على إنتاج الحيوانات المنوية لعدة أسباب منها العدوى والخصية المعلقة ومتلازمة كلاينفلتر وسرطان الخصية.

استخدام الموجات فوق الصوتية عن طريق فتحة الشرج يزودنا بأي تغيرات تحدث ويعطينا تقييما شاملا للحويصلات المنوية والقنوات القاذفة والبروستاتا والتي قد تؤدي الى عدم القدرة على إنتاج الحيوانات المنوية او قلة عددها والتي تعتبر من أهم أسباب العقم عند الرجال.

فى الآونة الحديثة يعتبر فحص الموجات فوق الصوتية عالى التباين من أهم الفحوص غير التداخلية لتقييم الرجال الذين يعانون من قلة الحيوانات المنوية المصاحبة لقلّة السائل المنوى وتقييم الحويصلات المنوية والقنوات القاذفة والبروستاتا.

ويعتبر هذا الفحص وسيلة آمنة ودقيقة فى تقييم الجهاز التناسلي الطرفي عند الرجال، ويساعدنا على تحديد الأسباب التى يمكن علاجها..

إن تطبيقات هذا الفحص تعتمد فى الأساس على تقييم عدم انسداد القنوات القاذفة فى الجهاز التناسلي الطرفي عند الرجال على الرغم من أن الأساس فى تقييم هذه القنوات هو تصويرها باستخدام الصبغة (فازوجرافى) ولكن يمتاز هذا الفحص بأنة وسيلة غير تداخلية وآمنة ودقيقة.