

MR Imaging of Disorders Associated with Female Infertility

Essay

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التصوير بالرنين المغناطيسي فى العقم عند النساء

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الملخص بالعربي

إن العقم عند النساء له أسباب عديدة وتشمل (اضطرابات التبويض والتي قد ترجع أسبابها إلى أورام الغدة النخامية وعرض تكيس المبايض، اضطرابات قنوات فالوب مثل انتفاخ الأنابيب والتهابات الحوض، ومشاكل الرحم مثل العيوب الخلقية والأورام الليفية).

إن التصوير بالرنين المغناطيسي يستخدم في التشخيص الإكلينيكي النهائي لقدرته على التصوير في مستويات متعددة ومختلفة وقدرته الفائقة على تصوير الأنسجة الرخوة بالصبغة مما يؤدي إلى تشخيص أدق الآفات.

التصوير بالرنين المغناطيسي يجب إن يتم في كل حالات العقم مع أعراض إكلينيكية أو نتائج معملية ترجح أن يكون سبب العقم هو أفه بالغدة النخامية أو ما تحت المهاد.

إن تشخيص وعلاج العقم الناتج عن آفات الغدة النخامية أو ما تحت المهاد يعتمد على نتائج التصوير الدماغي بالرنين المغناطيسي والذي على أساسه يتم اختيار أسلوب العلاج سواء تحفظي أو جراحي.

على الرغم إن منظار البطن التشخيصي ومنظار الرحم، وتصوير الرحم ولأنابيب بالصبغة والموجات الصوتية من الطرق الأكثر استخداما في تشخيص إضطرابات الحوض التي تؤدي إلى العقم، فإن التصوير بالرنين المغناطيسي لتجويف الحوض عند النساء التي تعاني من العقم قد أستخدم لتقييم الرحم والمبايض وتمييز العيوب الخلقية المختلفة وتشخيص دقيق وغير تدخل للآورام الليفية.

كما يستخدم التصوير بالرنين المغناطيسي فى تنبأ وتقييم نتيجة العلاج التقليدي للأورام الليفية وأيضاً يساعد فى اختيار أفضل طرق العلاج ومع منظار البطن التشخيصي وتصوير الرحم والأنابيب بالصبغة يستخدم التصوير بالرنين المغناطيسي فى المريضة التى تعاني من انتفاخ الأنابيب والتصاقات الحوض والأنابيب.

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