

Title (en)  
SYSTEMS FOR EVALUATING THE URETHRA AND THE PERIURETHRAL TISSUES

Title (de)  
SYSTEME ZUR BEURTEILUNG DER URETHRA- UND PERIURETHRA-GEWEBE

Title (fr)  
SYSTEME ET TECHNIQUES D'EVALUATION DES TISSUS URETERAUX ET PERI-URETERAUX

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Application  
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Abstract (en)  
[origin: WO0174241A2] The present invention provides systems and methods for the evaluation of the urethra and periurethral tissues using an MRI coil adapted for insertion into the male, female or paediatric urethra. The MRI coil may be in electrical communication with an interface circuit made up of a tuning-matching circuit, a decoupling circuit and a balun circuit. The interface circuit may also be in electrical communication with a MRI machine In certain practices, the present invention provides methods for the diagnosis and treatment of conditions involving the urethra and periurethral tissues, including disorders of the female pelvic floor, conditions of the prostate and anomalies of the paediatric pelvis.  
[origin: WO0174241A2] The present invention provides systems for the evaluation of the urethra and periurethral tissues using an MRI coil adapted for insertion into the male, female or paediatric urethra. The MRI coil may be in electrical communication with an interface circuit made up of a tuning-matching circuit, a decoupling circuit and a balun circuit. The interface circuit may also be in electrical communication with a MRI machine

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