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## **TRANSURETHRAL MACROPLASTIQUE® INJECTION FOR TREATMENT OF FEMALE STRESS URINARY INCONTINENCE: OFFICE-BASED TECHNIQUE**

### **Synopsis of Video**

#### **Aims of Study**

To illustrate minimally invasive, office-based technique of using Macroplastique for transurethral injection to treat female stress urinary incontinence.

#### **Methods**

With the patient in lithotomy position, 4 mls of 2% lidocaine are injected just proximal to the level of external sphincter level and deep into the peri-urethral space. After lubricating the needle with EZ Gel™, for this particular patient, Macroplastique is injected at 4,6 and 7 o'clock positions, 1 cm distal to the bladder neck. Tunnelling the needle under the mucosa can prevent material loss. The handle of the gun is squeezed slowly and under direct vision and the effect of injection is monitored. Complete closure of the opened bladder neck is the goal. The patient is asked to cough and no urinary leakage should be noticed.

#### **Results**

At 6 months, the success rate was 92% including 75% dry, 17% improved.

#### **Conclusion**

Macroplastique can be used safely and effectively to treat female patients with stress urinary incontinence in an office-based setting. The procedure is well tolerated with minimal side effects.