

The **Coaptite or Macroplastique Bulking Injectable Implant** is a material that is used to bulk or fill out the tissues surrounding the urethra to provide additional support during physical activity. The Coaptite Implant is made of round particles made of calcium hydroxylapatite, which is a natural component of your teeth and bones, in a water-based Gel. The Macroplastique Implant is made of round particles of silicone polymer.

Over 13 million adults have Stress Urinary Incontinence in the United States, 85% of these adults being women. Stress Urinary Incontinence is the involuntary loss of urine during physical activity such as coughing, laughing or sneezing. The round muscle (sphincter) used to keep urine in the bladder can become weak and urine leaks out during these activities. This type of incontinence is treated both surgically and non-surgically. Bulking with the Injectable Implant increases the resistance of the urethra to urine leakage.

What are the benefits of Bulking Implant Injections?

The Bulking Injectable Implant may benefit you because it may help you become dry or lessen the amount of urinary leakage. The Bulking Implant is made of round particles in a water-based gel. The body takes up the gel. The particles remain to act as a space filling bulk, causing the closing of the urethra.

What are the risks of Bulking Implant Injections?

The risks are small compared to other surgical procedures. The most common risk is voiding difficulty such that you need a catheter for 1-3 days after the procedure. Bloody urine is common for 24 hours. A urinary tract infection may occur.

What can I expect during my procedure with the Bulking Implant Injection?

The procedure will take place in a doctor's office, an outpatient surgery center or in an operating room. The procedure takes approximately 15-20 minutes. Your doctor will determine what type of anesthesia is best for you. During the procedure, a needle is placed into the urethra using a cystoscope and the Bulking Implant is injected into the tissues surrounding your urethra providing a bulking effect. The doctor removes the needle and the procedure is completed. After the procedure, you will have a voiding trial to make sure that you can empty completely.