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## **MACROPLASTIQUE INJECTION TO THE BLADDER NECK (TUM)**

### **WHAT IS TUM?**

TUM is a minimally invasive operation for the treatment of stress urinary incontinence. It is an operation where a material known as macroplastique is injected into the bladder neck via a cystoscope (a fine telescope in your bladder)

### **WHAT IS INVOLVED?**

The procedure is performed usually under local or spinal anaesthesia which allows the surgeon to check continence by asking you to cough during the procedure whilst still on the operating table.

A small telescope is placed in your bladder to ensure the bladder looks normal initially. The macroplastique is injected using a special device called the macroplastique injection system until the bladder neck appears closed.

### **COMPLICATIONS**

As with any operation there can be infection but this is usually treatable with antibiotics. There is also a small risk of bleeding which is treatable. 2-3 out of 100 women develop difficulty in passing urine and this may require the use of a catheter.

2-7 out of 100 women develop bladder overactivity and this can be treated with pelvic muscle exercises and medication

### **HOSPITALISATION**

This procedure is done as a day procedure. Only if you are unable to pass urine after surgery you may have to stay an additional day or two.

### **RESULTS**

The success rate of the TUC is between 53 and 71 percent. About 30% of women may require a 'top up' injection if the first procedure does not work well. Weight loss if overweight, reducing or quitting smoking, improving pelvic muscle tone by doing pelvic muscle exercises and continuing to do them after surgery will ensure that the operation is a success.

### **RECOVERY**

When you go home you must not lift heavy objects or do strenuous work for about 4 days. Avoid intercourse for the same period of time. You can return to work usually in 3 to 4 days.

### **AFTERWARDS**

**Website:** <http://www.malcolmfrazer.com.au>



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You will be seen six to eight weeks after the operation where follow up investigations may be arranged for you. If everything is well the success of our operation should be permanent. Your doctor will be happy to discuss any concerns that you may have regarding this operation.

**DISCHARGE INSTRUCTIONS:**

You may experience for up to 72 hours:

- urinary frequency
- dysuria – burning and stinging when you pass urine
- haematuria (slight blood stained urine)

Remember to empty your bladder efficiently sit comfortably on the toilet, feet flat and lean forwards.