



MALCOLM FRAZER
GYNAECOLOGIST
UROGYNAECOLOGIST

Assoc/Prof Malcolm Frazer
MB ChB MD FRCOG FRANZCOG CU
Gynaecologist/Urogynaecologist

140 Ashmore Road, Benowa 4217
Gold Coast and Pindara Hospitals Griffith and Bond University, Gold Coast, Australia

Phone: +61 (0) 755649300
Fax: +61 (0) 755649400
Email: info@malcolmfrazer.com.au

TENSIONFREE VAGINAL TAPE PROCEDURE (TVT)

Definition

An operation to insert a tape to support the urethral tube to stop leakage on movement or increased abdominal pressure.

Description

The procedure is usually performed under general anaesthetic, and less commonly with a spinal block. Two tiny incisions are made along the bikini line and a further small cut 3 cms long is made inside the vagina. Special needles are used through these cuts to place the tape under the bladder outlet. The tape is 9mm wide and looks very much like a length of loosely woven lace ribbon. A telescope is used to look inside the bladder (cystoscopy) to ensure no damage has been done to the bladder when the tape has been placed. Because it is made of an artificial plastic material it is not removed by the body. Once in place the tape supports the bladder and stops the bladder neck from moving too much during those activities that cause leakage.

The operation usually takes less than 45 minutes including anaesthetic time. No catheters or tubes are routinely left in after the operation. Once back on the ward you will be encouraged to try and empty your bladder normally after a few hours. To ensure that you empty your bladder properly an ultrasound will be performed to check that no urine is left behind. A small catheter may be passed by nursing staff if the ultrasound shows the bladder to be full.

Expected Outcome

The TVT procedure was developed in Sweden in the early 1990s. Results from published studies indicate that the 5-7 year success rate in curing stress leakage of urine is over 80% (that means that more than 8 out of 10 women operated on will be cured of leakage).

The success rate will be a little higher if you have never had a pelvic operation before. Our own results show an 80% success rate if previous surgery for leakage has been performed and 90% if no previous surgery has been performed. You can help this success rate by weight reduction, stopping smoking and improving pelvic muscle tone by exercising.

Following your surgery

An overnight stay on the day of operation is usually all that is required. If you have difficulties in emptying your bladder or if the bladder is "nicked" by a needle during placement of the tape, your stay may be a little longer (see "*complications*"). Once at home, most women find they are painfree within a matter of a week and a full recovery can be in as little as two weeks. It is usual to have some vaginal bleeding up to 2 weeks after the operation. Bleeding should be no heavier than a normal period.



MALCOLM FRAZER
GYNAECOLOGIST
UROGYNAECOLOGIST

Assoc/Prof Malcolm Frazer
MB ChB MD FRCOG FRANZCOG CU
Gynaecologist/Urogynaecologist

140 Ashmore Road, Benowa 4217
Gold Coast and Pindara Hospitals Griffith and Bond University, Gold Coast, Australia

Phone: +61 (0) 755649300
Fax: +61 (0) 755649400
Email: info@malcolmfrazer.com.au

Do not use tampons, pads are better.
Do not drive an automatic car for: 1 week*
Do not drive a manual car for: 1-2 weeks*
Do not make a bed for: 2 weeks
Do not hang out washing for: 4 weeks
Do not use your Vaginal Oestrogen for 4 weeks
Do not stretch upward for: 4 weeks
Do not do any lifting for: 4 weeks
Do not have sexual intercourse for: 6 weeks

*** It is important to check with your insurance company, re driving your car as each company has different policies on driving and surgery.**

Complications

While serious complications are rare, no form of surgery is without risks and the risks are greater for women who smoke and are overweight.

During the procedure bleeding is occasionally troublesome and on very rare occasions even a blood transfusion may be necessary. This has never occurred in any of our patients. Infection may occur but you are given antibiotics during the procedure to try and prevent this happening. Occasionally one of the needles used to position the tape may puncture the bladder. This is not serious but does mean you will require a catheter in the bladder overnight and therefore your hospital stay will be extended until the day following the operation. If this complication occurs it does not affect the overall success of the procedure and no longterm problems have ever been reported.

After the operation the main problem is some difficulty passing urine and leaving urine behind in the bladder after visiting the toilet. This occurs as a longterm problem in less than 5% of cases, but your risk may be increased if the urodynamic studies show a pre-existing problem you will be advised if this is so in your case. Where difficulties last longer than a week or so you will be taught to self-catheterise for awhile to help the emptying of your bladder. Very uncommonly the tape may have to be cut in a small operation. This almost always cures the problem of poor emptying and usually does not bring leakage back. Going to the toilet frequently and urgently may be a problem after the operation. This is usually temporary and is related to inflammation and the healing process. In 7-10% of cases the bladder muscle itself may become overactive and the frequency and urgency may persist. This is not necessarily severe and in most cases can be controlled with tablet therapy.

Alternatives

Please remember that urinary incontinence is not a lethal condition but does lead to a great deal of misery and heartache. Not all sufferers either want or need an operation to control the symptoms. Risks of operative failure and complications need to be weighed carefully and individually to decide what will be the right approach. Virtually everyone who is offered an operation will have had a minimum of 3 months trial of supervised physiotherapy to try and control the symptoms conservatively. Please do not hesitate to ask any further questions.

You may contact Dr Frazer on 55649300 for advice.

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