



Vasectomy Reversal: The Metrocentre Way

This procedure is a viable option for men who have previously undergone a vasectomy and would now like to have children.



Table of Contents

How the vasectomy reversal is performed at Metrocentre	3
Success rate of vasectomy reversals	4
Several factors can influence the success of this reversal procedure, and these include:	4
The importance of ultrasounds in vasectomy reversals	5
Dr Lekich's personalised use of ultrasound for assessment and planning of the procedure	5
Meet Dr Lekich	7
Contact us for your consultation and initial assessment	8

How the vasectomy reversal is performed at Metrocentre

The Owen 3 Layer Micro-Surgical Vasectomy Reversal is one of the few options available for men who have previously undergone a vasectomy and are now seeking to have children. At Metrocentre, we perform a high volume of Owen 3 Layer Micro-Surgical Vasectomy Reversals, making us one of the largest clinics in Australia.

How does it work?

Seminal fluid is added to sperm to yield a normal ejaculation, which is produced by two separate glands located in the pelvis, the seminal vesicles and the prostate gland. Seminal fluid makes up about 95% of the ejaculation, so men who have undergone a vasectomy may not notice any difference in the volume of fluid.

A man still ejaculates after a vasectomy procedure; however, this semen will not contain any sperm. The testicles will continue to produce sperm after a vasectomy, but if both vas deferens have been tied off, the stream of sperm is simply blocked in the vas tube. Metrocentre's reverse vasectomy procedure reconnects the vas tube to allow the sperm to mix with the semen once more to create fertile seminal fluid. There aren't many alternatives to this procedure besides IVF treatment.

Success rate of vasectomy reversals

As demonstrated by 45 years of micro surgery using the Owen 3 layer micro surgical reversal technique.

When selecting a clinic to perform the reverse vasectomy procedure, it is important you examine the success rates and not the pregnancies that each clinic experiences. Metrocentre is one of the very few clinics worldwide to use the advanced Owen 3-Layer Closure technique to achieve a positive outcome.

Pioneered and perfected by Professor Owen since 1971, this technique has been used in over 6000 procedures and draws on over 40 years of microsurgical research and experience. Our procedure has been optimised to reach the very highest success rates, and Metrocentre's highly experienced team has successfully reversed vasectomies performed anywhere from one to 34 years ago.

The success rate of the Owen 3-Layer closure technique has enabled the following success rates:

Years since vasectomy	Success Rate
0-5 Years	80-90%
6-10 Years	70-80%
11-15 Years	65-75%
16-20 Years	50-65%

Several factors can influence the success of this reversal procedure, and these include:

- ✓ The time between the original vasectomy and the reversal procedure
- ✓ The technique employed for the original vasectomy
- ✓ The precision, experience, skill and equipment your chosen team employs

Metrocentre currently perform around 25 Owen 3 Layer Micro-Surgical Vasectomy Reversal each month, making us one of the largest and most experienced clinics in Australia.

We base our success rates on live baby births, not conception

The importance of ultrasounds in vasectomy reversals

Dr Lekich's personalised use of ultrasound for assessment and planning of the procedure

Ultrasound allows visualisation of the structures in detail. Dr Lekich is one of the only doctors using a dedicated ultrasound of the scrotum to map, assess, and plan the procedure and has personally performed ultrasound on over 4000 people.

Dr Lekich's high-resolution scanning enables him to see fine details of the micro-tubules deep within the body of the testicle, epididymis, and scrotum, which are not visible to the naked eye or with the microscope. This is particularly useful for past IVF extractions, and past failed vasectomy reversal attempts. The ultrasound has allowed Dr Lekich to advise patients regarding the likelihood of surgical success, in particular, patients who have had previous scrotal procedures and previously failed vasectomy reversals.

Example:

Patient (A) had a vasectomy 23 years ago, but with two failed reversal attempts at other clinics, the patient chose to extract sperm three times through IVF. Several clinics had told the patient that reversal was now impossible. After careful ultrasound assessment and planning, Metrocentre successfully reversed the patient's tricky vasectomy with only 1 millimetre of scarring and achieving a 35 million sperm count per milliliter only nine months after the procedure. Patient (A)'s wife is currently pregnant with their baby.

Metrocentre invites patients who have been told nothing can be done to reverse their vasectomy or have had failed vasectomy reversal/s to consider a second opinion.

The importance of ultrasounds in vasectomy reversals

The use of ultrasound has enabled the delivery of safe and minimally invasive Owen 3 Layer Microsurgical Vasectomy Reversals, difficult vasectomy cases, and the management of post vasectomy congestion syndrome. Coupled with Dr Lekich's micro-surgical training, the ultrasound has helped our highly skilled team assess and plan for surgery. This is particularly important when our team is challenged with:

- ✓ Failed vasectomy reversal/s
- ✓ Multiple IVF sperm aspirations
- ✓ Past scrotal trauma
- ✓ Past scrotal surgery (torsion, undescended testis, varicocele and hydrocoele)
- ✓ Where patients have been told that a vasectomy reversal is not possible due to the original vasectomy
- ✓ A combination of all of the above

We challenge you to find another doctor who uses the same technique

There has been some suggestion from competitors that using ultrasound technology to plan procedures is a waste of time. While we respect these opinions, open exploration has been common place during vasectomy reversal procedures for many years. With the benefit of ultrasound, Dr Lekich can determine the viability of performing vasectomy reversal prior to the day of surgery and can also see any scarring from any previous surgery which helps determine exactly how the procedure needs to be performed and reduces the risk of bleeding during the procedure. To date, no patient has experienced scrotal haematoma after surgery. We do not routinely use drains which are often used in other practices.

Meet Dr Lekich

M.B., B.S. (QLD), JD (BOND UNIVERSITY), MBA, FACP

Dr Lekich is the medical director of Metrocentre. He is a Queensland medical graduate with a 15-year microsurgical background working in the field of ophthalmology and retinal microsurgery, hence his love of microscopes. He changed his pursuit of eye surgery to the treatment of varicose veins using endovenous laser and ultrasound guided sclerotherapy training and become a fellow of the Australasian College of Phlebology.

Dr Lekich's interest in vasectomy was sparked when his wife developed a serious blood clot in her varicose vein during pregnancy. In order to overcome the difficulties Dr Lekich and his wife were experiencing, he decided to train in the field of open-ended vasectomy under one of the very best in the industry, Dr Bruce Errey. Training for vasectomy reversal is extremely intensive in microsurgery, involving over 200 microsurgeries and performing Bypass Epididymovasostomy, the most precise microsurgery known to man.



Contact Us

FOR YOUR CONSULTATION AND INITIAL ASSESSMENT.

For more information or to book in, call us: **1800 FOR MEN (1800 367 636)**



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