



# Midland Fertility Services

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## Vasectomy Reversal Back-up Plan

'Building futures,  
transforming lives'

Each year thousands of men choose to have a vasectomy when they feel their family is complete. While it is the right decision at the time, circumstances may change and the man may then seek a reversal. Vasectomy reversals are successful for many men, especially for younger men with a short period between the vasectomy and reversal procedures. However, some reversals are not successful; sperm may be released but only for a limited time or the number or quality of sperm may be so reduced that natural conception is unlikely.

The MFS Vasectomy Reversal Back-up Plan (VRBP) enables any man considering a vasectomy reversal to freeze sperm or testicular tissue removed during the surgical procedure, to:

- avoid the need for a second surgical procedure should the reversal fail and so reduce the cost of any future fertility treatment
- reduce anxiety, because if the reversal is unsuccessful, or if the man has continuing fertility problems, sperm is stored ready for use in fertility treatment

## Who may benefit?

Any man planning a vasectomy reversal operation.

## What does the procedure involve?

The MFS VRBP is made up of three stages; pre-reversal preparation, the reversal procedure; post-surgery sperm analysis and aftercare:

- the man selects the hospital where he will have his vasectomy reversal, from one of those in the West Midlands with which MFS has a service agreement for the clinic's staff to attend

- once the hospital has been agreed, the man attends an initial consultation at MFS where clinical and scientific staff review the man's medical history and advise him of the written consent he needs to give before the VRBP can go ahead. Clinical staff will take a blood sample for a routine infection screen for HIV, Hepatitis B and Hepatitis C - a mandatory requirement for any clinic before sperm or tissue samples can be frozen. He will also be made aware of the MFS counselling service
- an MFS scientist attends the vasectomy reversal operation. Sperm may be extracted from the epididymis, the convoluted tube that leaves the testis to become the vas deferens - the tube which is cut during a vasectomy operation. If this is not possible, the surgeon may remove a tiny piece of testis (a biopsy), which may contain sperm that MFS scientists can extract, culture and freeze as a back-up, in case future fertility treatment is required
- two to four weeks after the operation, the man returns to MFS to produce a sample for analysis in the MFS laboratory:
  - if it contains sperm, MFS scientists can confirm that the reversal has resulted in sperm being present and may suggest freezing further ejaculated samples in case the reversal is not permanent. If fertility treatment is required in the future, IVF or ICSI procedures are more successful using ejaculated sperm than using surgically recovered sperm
  - if no sperm is contained in the ejaculate following the reversal, the sample collected during the reversal procedure, which has been frozen and stored at MFS, may be used in future ICSI treatment, so avoiding the need for a

second procedure to surgically recover sperm

- scientific staff will issue a report following the post vasectomy reversal semen analysis, which will include recommendations for any future fertility treatments

## What is included in the cost?

- infection screen and pre-vasectomy reversal consultation
- extraction and freezing of sperm
- one year's storage of sperm
- post-reversal semen analysis and freezing of ejaculated sperm (if appropriate)
- semen analysis report

The vasectomy reversal procedure, storage after the first year and any subsequent treatments are not included in the cost of the VRBP.

## How long does treatment take?

The VRBP is scheduled around the vasectomy reversal operation. MFS can do a sperm

analysis two to four weeks after the reversal surgery and sperm can also be frozen at this time, in case any initial success is not permanent.

## Results

MFS can advise the man by phone of the initial results of the reversal procedure the day after he is discharged from the hospital. He will also receive a letter confirming the outcome of the VRBP, which MFS will copy to his hospital consultant. MFS is confident that the VRBP should be successful for a previously fertile man.

## For more information

Visit [www.midlandfertility.com](http://www.midlandfertility.com) for MFS success rates, including results for ICSI and ICSI with surgically recovered sperm and also for information about IVF and ICSI procedures. Alternatively call MFS on 01922 455911 to make an appointment for a VRBP initial consultation.



# Services at MFS

- Fertility Investigation Package
- Ovarian Reserve Testing
- Recurrent Miscarriage Monitoring
- Sperm Analysis
- Intrauterine Insemination (IUI)
- In Vitro Fertilisation (IVF)
- Intra Cytoplasmic Sperm Injection (ICSI)
- Surgical Sperm Retrieval
- Egg Sharing
- Egg/Embryo Donation
- Surrogacy
- Sperm Freezing
- Vasectomy Reversal Back-Up Plan
- Egg Freezing (including Vitrification)
- Embryo Freezing
- Blastocyst Culture and Transfer
- Assisted Hatching
- Genetic Screening

## How to get to Midland Fertility Services

Third Floor, Centre House,  
Court Parade, Aldridge,  
West Midlands WS9 8LT

**t:** 01922 455911

**f:** 01922 459020

**e:** mfs@midlandfertility.com

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