

# IVF TREATMENT

WATERSTONECLINIC

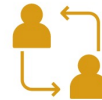
## We Are Experts in IVF Treatment

At Waterstone Clinic, we are leaders in the field of Reproductive Medicine. We provide tests, services and procedures that are evidence-based and performed to the highest standard. We will leave no stone unturned to find the solution that will work for you.



### Our Experienced Team

Our highly skilled specialists work as a team in state of the art facilities. Our clinicians provide clear and honest advice, and will only recommend treatments that are evidence-based and in your best interests. The combined knowledge and track record of our team is exceptional: we will give you the best chance possible of creating your family.



### Personalised Care

Care at Waterstone Clinic is personalised and individual to you. We understand what fertility treatment means to our patients, and our dedicated team will be there to support you every step of the way.



### Latest Generation IVF Laboratory

Waterstone Clinic has built the most advanced laboratory of its kind in Ireland. Our clinical and embryology teams are highly skilled and committed to delivering treatments consistently to the highest possible standards.



### Advanced Techniques

We are leaders in our field and have achieved most, if not all, of Ireland's scientific milestones in Reproductive Medicine since we opened our clinic in 2002. We have provided PGT techniques for more than 7 years: the success of these techniques is proven in our hands. We ensure cutting-edge fertility services are available to our patients, delivered at a standard that is second to none.



## What's Involved in IVF Treatment?

There are a number of steps to the IVF treatment process. Our team will monitor and guide you throughout

### Fertility Tests

Hormone blood tests and a pelvic ultrasound inform our clinicians about your fertility potential.

### Superovulation

We will stimulate your ovaries with hormone injections for 10-12 days to produce and mature multiple eggs

### IVF/ICSI

The eggs are fertilised with the sperm in the laboratory using an IVF or ICSI procedure

### Egg Retrieval

We retrieve your eggs in a simple procedure under light sedation

### Embryo Culture

Once the eggs are fertilised, they are incubated and monitored with timelapse technology. Our embryologists examine each embryo as it develops and select the best for transfer

### Pregnancy Scans

Two weeks later, you can take a pregnancy test. Our team will perform your early pregnancy scans

### Embryo Transfer

Using a fine catheter, your consultant will place the embryo(s) into your uterus



IVF is a fertility treatment where fertilisation takes place outside of the body. It is one of the most successful treatments available.

## Which Treatment Will I Need?

Based on the results of your fertility tests, your consultant will guide you as to which treatment procedure will give you the best chance of conceiving. Our embryologists monitor and assess each embryo with time-lapse technology as they develop and select the best for transfer to the uterus.



### IVF Treatment

In-Vitro Fertilisation (IVF) is a fertility treatment where fertilisation takes place outside of the body. Prepared sperm is added to the eggs in order to achieve fertilisation. IVF is suitable for a wide range of fertility issues.



### ICSI Treatment

Intracytoplasmic Sperm Injection (ICSI) treatment is a specialised fertilisation procedure. Instead of placing the sperm with the eggs as in traditional IVF, one of our skilled embryologists will inject a single sperm into each mature egg. This procedure maximises the chance of fertilisation as it bypasses any potential problems the sperm may have in penetrating the outer shell of the egg.



### Pre-Implantation Genetic Testing (PGT)

Pre-implantation genetic testing is a range of additional tests we can perform as part of an IVF or ICSI cycle. These tests can help parents to avoid passing on an inherited genetic condition, or to check that the embryos created have the correct number of chromosomes. Our expert embryologists take a biopsy of the embryos and send the cells for genetic analysis. This way, only embryos that are genetically unaffected, or embryos with the correct number of chromosomes, are transferred to the womb.

## What Do The Procedures Involve?

Throughout your treatment, we will monitor you carefully with ultrasound scans, and you will always be in close communication with the team.



### Superovulation

Inside your ovaries, you have a number of follicles: fluid-filled sacs that contain an egg. To encourage these follicles to grow, you will take daily medications for 10 to 12 days that will stimulate your ovaries. We will monitor your progress with ultrasound scans to measure follicular growth. When the follicles are the right size, you will take a final hormone injection to trigger ovulation and mature the eggs.



### Egg Retrieval

Once ovulation is induced, we will collect the eggs from the ovaries. The procedure is short and straightforward, and you will be under light sedation. The eggs are transferred to the laboratory where they are placed together (IVF) or injected (ICSI) with sperm to fertilise. Our embryologists monitor the developing embryos with timelapse technology, assess them, and choose the best for transfer.



### Embryo Transfer

Three to five days later, you will have an embryo transfer procedure. Your embryo(s) will be transferred into your uterus through a small catheter. The procedure is quick and does not require sedation.



### Frozen Embryo Transfer

A frozen embryo transfer (FET) is a cycle in which embryos from a previous IVF cycle are thawed and transferred to the uterus. You can expect the same success in a FET cycle, even years later, as from the fresh IVF cycle in which the embryos developed. We are experts at freezing, and with us, over 96% of embryos survive the freezing and thawing processes.



Every year,  
over 500 babies  
are born via  
treatments at  
Waterstone Clinic



Our goal is for you to have the family you want

Our experienced and dedicated fertility specialists  
deliver a service where you become  
part of our family as you create your own

**WATERSTONE CLINIC**

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