



## Fertility Update

### Dear All,

As I prepare to step back from my much-loved role of Medical Director at IVFAustralia, I am delighted to announce that Dr Frank Quinn has been appointed to take on the position. Dr Quinn is one of our longest serving fertility specialists at IVFA, and his appointment to this position is a testament to his hard work, dedication, and expertise in the field.

Frank is an esteemed fertility specialist on Sydney's North Shore, and he brings years of experience and a wealth of knowledge to this position.

**Frank's expertise in genetics and chromosome assessment, including Advanced Embryo Selection, puts him at the forefront of the latest advancements in fertility diagnosis and treatment.**

He is also passionate about expanding options for fertility preservation and working with single women and same-sex couples through the IVFAustralia donor program.

Dr Quinn's strong relationships with many Obstetricians and Gynaecologists on the North Shore are highly regarded, and his attention to detail, compassion, and experience make him an asset to IVFAustralia. He is a Fellow of the Royal Australian and New Zealand College of Obstetricians and Gynaecologists and has completed his training in Reproductive Endocrinology and Infertility in both Australia and the UK.

We are excited to have Dr Quinn take on the role of Medical Director, and we look forward to the incredible contributions he will make to the field of fertility in this position. Please join me in welcoming Dr Quinn to his new role.

Best regards,

**Dr Peter Illingworth**

Medical Director  
IVFAustralia



A/Prof Peter Illingworth



Dr Frank Quinn

### IVFAustralia's new AI algorithm sparks hope for infertile men



IVFAustralia embryologist, Dale Goss, alongside NeoGenix Biosciences have collaborated to create a revolutionary AI algorithm. This extraordinary tool can detect sperm in severely infertile men within a matter of seconds, potentially revolutionising the process that used to take up to six long hours for scientists to accomplish.

This astonishing advance opens up a world of possibilities for men who dream of having a biological child, but face the challenge of having no sperm in their semen. With the help of this AI algorithm, new hope is now within reach.

[Read Now](#)

### Clinical trial shows 10% boost to developing ICSI embryos

Our Virtus Health family truly is at the forefront of fertility innovation!

Melbourne IVF's recent clinical trial reveals a significant 10% enhancement in the development of ICSI embryos. Groundbreaking Australian research conducted by Melbourne IVF has discovered that the inclusion of antioxidants in an embryo culture medium can boost fertilisation rates by 10% among patients undergoing intracytoplasmic sperm injection insemination (ICSI). The clinical trial, led by Professor David Gardner, Virtus Health's Director of ART, Scientific Research and Innovation, employed a randomised controlled approach (RCT). The trial results, which showcased the remarkable impact of antioxidants on IVF culture media, demonstrated a rise in fertilisation rates for ICSI patients from 58% to 68%.

We couldn't be prouder to support this important research!

[Read Now](#)

# Q&A with Dr Frank Quinn

In this edition of the Fertility Update, Dr Frank Quinn explains AMH, why it's important, and when you should use it with your patients.

## When should I send someone for an AMH test?

You may recommend an AMH (Anti-Müllerian Hormone) test to assess a woman's ovarian reserve if she's trying to conceive, experiencing hormonal imbalance, over 35 and considering fertility treatments or planning cancer treatment. It's important to interpret the test alongside other diagnostic tests and medical history and a referral to a fertility specialist may be necessary.

## My patient's AMH is within a sound range, what next?

If your patient's AMH is sound, other factors such as age and medical history should still be considered. For patients trying to

conceive, suggest optimal timing for intercourse, discuss lifestyle factors, suggest nutritional supplements, and recommend further diagnostic tests if necessary. For patients not trying to conceive, discuss potential benefits and risks of fertility treatments and provide them with all necessary information to make informed decisions.

## When should I refer on to IVFA?

Consider referring a patient to a fertility specialist if any of the following factors are present: low AMH level, age-related infertility for those over 35, other medical conditions like PCOS, endometriosis, or autoimmune disorders, or previous unsuccessful attempts to conceive.

# IVFAustralia Pathway to helping people have a family

## Couple present who want to start or grow their family

