



# The Highlights

*As a Virtus Health clinic, we're proud to offer success rates above the national industry average.*

## Insights into Assisted Reproductive Technology

The eagerly awaited 2021 ANZARD report has been released, delivering a trove of fascinating insights into the realm of reproductive medicine. As Your Fertility Family, it is our priority to keep you armed with the most up-to-date information. So, we've condensed the highlights of the report so you can get to grips with new trends, breakthroughs, and crucial data that will undoubtedly enhance your ability to provide the best care when treating and referring those on their journey to parenthood.

### 110,000

the amount of ART treatment cycles performed in Australia and New Zealand in 2021

In 2021, Australia accounted for 102,157 cycles, marking a 17.1% increase compared to 2020. **This translates to 19.6 cycles per 1,000 women of reproductive age in Australia.**

Australia saw **an average of 2 cycles per woman** with thawed embryos or oocytes used in 36.9% of autologous cycles. Additionally, 5,881 cycles involved freezing all oocytes or embryos for medical or nonmedical fertility preservation, and there were 280 surrogacy gestational carrier cycles. Notably, about 8% of cycles in 2021 included preimplantation genetic testing (PGT).

### 36 years

the average age of women undertaking ART in 2021

The typical age for female patients undergoing autologous or recipient cycles was 36 years, and among them, one out of every four (25.3%) were 40 years old or above.

### 20,690

the number of babies born from ART in 2021

There were a total of 20,690 babies born across Australia and New Zealand as a result of ART treatment, with 20,440 of them liveborn. Impressively, 81.8% of the liveborn babies were full-term singletons with a normal birthweight. Among these births, 18,594 (89.9%) were attributable to treatments conducted in Australian ART Units.

**Australian Virtus clinics were proud to have contributed more than 6000 babies born in 2021.**

### 1 in 3

the number of single females or female-female couples having ART

Out of the 108,273 autologous and recipient cycles performed, 11.9% were carried out by single female intending parents, while 4.1% were initiated by female-female intending parents. Over one-third (36.1%) of oocyte/embryo recipient cycles involved single female or female-female intending parents. This figure encompasses cycles where one female intending parent provided oocytes or embryos to her female partner.

### 1 in 3

the number of cycles attributed to male infertility

In around one-third of cycles, male factor infertility was identified as an issue. Within this group, the leading cause of male infertility remained unexplained in the majority of cases, accounting for 74% of these cycles.

### 1 in 3

the number of women who had a livebirth after one cycle

Out of the 36,123 women commencing their initial ART ovarian stimulation cycle from January 2018 to December 2019, and followed until December 2021, 37.1% experienced a live birth during their first complete ART cycle, encompassing fresh and frozen/thaw embryo transfers.

To keep up to date with all things fertility, [click here](#) to access our free GP hub with resources to assist in the management of fertility issues within your practice.