



## FUTuRE Fertility - Fertility through Registry and Evaluation

A fertility preservation (FP) database study termed “Future Fertility - Fertility through Registry and Evaluation” has recently opened as a web-based multi-state project in Australia. This study is looking to collecting information for any cancer patient whereby the provision of Fertility preservation is appropriate. In Australia, the study is open for any patient under 12 years of age who specifically undertakes Fertility preservation and for those between 13 and 45 years of age who have a new diagnosis of cancer, relapse or diagnosed within the last 2 years.

In New Zealand young people diagnosed with cancer from 0 – 25 years of age are eligible for recruitment on to the Future Fertility Registry. Following patient consent, registration of each patient into the database by the research team will occur with the following data being collected: Demographic characteristics, gynaecologic, sexual health, and obstetric history, cancer diagnosis and treatment details and fertility preservation strategy. Collaboration between the research team, the clinical team, and the fertility team will occur with regards to this information. Analysis of this data will highlight provision and uptake of fertility preservation.

The Australian study also looks to examine the return of reproductive function with periodic blood test, semen analysis and ultrasound surveillance and subsequent use and outcome of assistive reproductive technology (ART). Priority for the New Zealand study will initially be given to the database component, and if found to be feasible with the current strategy then including these further aspects of fertility preservation follow up will then be considered. Further New Zealand based funding may be required to allow this.

Again taking feasibility into account, limiting patient uptake to the Auckland, Wellington and Christchurch cancer services only and limiting the patient age to less than 25 years is the initial strategy. If found to be feasible, then increasing the geographic catchment and patient age would be the next step. Patients from Adult Haematology, Medical Oncology and Paediatric Oncology are eligible and the Adolescent and Young Adult Cancer Services will assist in co-ordinating patient enrolment.

It is hoped this research will assist clinicians with providing accurate risk projections for future fertility and recommendations for fertility preservation and assisted reproductive technology.

Comprehensive information regarding this study is available at [www.futurefertility.co.nz](http://www.futurefertility.co.nz)

If you have any questions, or wish to notify us of a potential participant please contact your AYA Cancer Key Worker or Dr Tristan Pettit, Co-ordinating Investigator (NZ) at [Tristan.pettit@cdhb.health.nz](mailto:Tristan.pettit@cdhb.health.nz).