



Clane Fertility Clinic acquired by Institut Marquès

by Carrie Bermingham

CLANE Fertility Clinic has been acquired by Institut Marquès, who specialise in difficult cases.

Previously the fertility clinic worked as a unit of Clane General Hospital and was founded in 1986.

It moved into a new building in 2009, and has its own reproduction laboratory.

The clinic now offers all treatments in Ireland without the need to travel. A specialist medical team from IM Barcelona, where Institut Marquès have their headquarters, will join the team of 23 professionals currently working in Institut Marquès Ireland.

They will use music in the process of assisted reproduction to increase the success rates in all their programmes of **IVF** and all incubators in the Clane centre have a built-in-music system.

They have high success rates of 89% in In-Vitro Fertilisation with donor egg treatments, and have carried out unique research into the effect of music on Assisted Reproduction treatments.

Previously, people attending their consultation offices in Dublin and London had to travel to Barcelona to carry out the embryo transfer in the case of In-Vitro Fertilization.

The clinic in Clane now offers all of the treatments, and Institut Marquès Ireland is currently processing the appropriate authorisation with the HPRa.

"In Institut Marquès we take a step further into the investigation with totally innovative scientific studies to enhance assisted reproduction treatment success," said Dr Marisa López Teijón, Director of Institut Marquès.

"Our main motivation is to help families with fertility issues to fulfil their dream of parenthood and we look forward to bringing our services to Ireland."

New technologies

Dr Hans Arce is a Clinic Consultant in Clane, and he stated that Institut Marquès has invested in new technologies, and in improving some of the existing facilities in the Clane Fertility Clinic.

They offer a range of assisted reproductive treatments, some of which include **IVF** with Donor Eggs or Embryo Donation.

They also use some more advanced techniques, such as Preimplantation Genetic Diagnosis.

This is along with the use of advanced culture, using time-lapse Embryomobile which enables future parents to use their mobile phone to observe their embryos, which are being incubated in an Embryoscope.

Through research, Institut Marquès say they have proved that musical vibrations increase the In-Vitro Fertilisation rate by 5%. This is the reason for the incubators built-in music systems.

"Musical vibrations stir the culture plates, where embryos develop, and that helps oocytes to capture nutrients and expel toxins," said Dr López-Teijón.

In another scientific study they discovered that fetuses can hear from week 16 (measuring 11cm) as long as the sound reaches them through the mother's vagina.

To do this the future mother can use Babypod, a vaginal device which discards the fetal deafness, since the fetus response means he is not deaf.

Institut Marquès is advancing in this line of research, comparing the reactions of fetuses to different types of music, and to the voice of the mother or anyone who wants to communicate with the foetus.