



Protocols implemented

Preimplantation Genetic Diagnosis (GeneSure™), Blastocyst culture, Single blastocyst embryo transfers, Vitrification, GeneScreen PLUS™

Helping pave the way to a more efficient and successful business model

Founded in 1994 as one of the first centres in the Czech Republic dealing with infertility, Sanatorium Helios (SH) has consistently been committed to offering quality fertility care and science within the region.

Patient outcomes have always come first for SH. In order to further improve success rates and ultimately grow their business, they knew they would need to undergo a skills transfer, with particular interest in preimplantation genetic diagnosis (PGD). This philosophy led them to seek out Genea - Sydney IVF at the time - in 2002.

Upon engagement, Genea provided highly skilled embryologists and PGD scientists to the SH clinic to deliver one month of intensive training to the local staff. SH embryologists then travelled to Genea's flagship laboratory in Sydney to further develop and expand on their knowledge.

During the time they worked with Genea, SH was also able to adopt two critical processes which have given Genea

the edge in all markets it has worked within. This included routine blastocyst culture, and routine single blastocyst embryo transfer protocols. The expertise Genea was able to impart around these processes was further enhanced with the use of Genea's embryo culture media suite. This enabled SH to successfully replicate embryo culture to Day 5/6.

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Following a concentrated period of training and change management, in 2005 Sanatorium Helios became the first clinic in Europe to offer routine Day 5 embryo transfers as well as include in-house PGD expertise as part of their service offering. They were also one of the first to transition to embryo vitrification, replacing the slow freezing method. Following the implementation of these key process improvements SH experienced outstanding results.

SH are proud of their association with Genea and have continued to adopt innovative new services as they have become available. Most recently this has included use of

Genea's pre-conception test, GeneScreen PLUS™ as well as allowing patients to voluntarily donate embryos to Genea Biocells for research purposes.

SH have since expanded their operations, establishing a new clinic where the Genea protocols and service offerings were immediately implemented, providing the same superior success rates in a much faster timeframe.

As a result, Sanatorium Helios is a well-respected fertility unit, not only for its success but also for its inherent motivation to continually provide patients with the best success rates in Europe.



“Sanatorium Helios has reached its position thanks to our cooperation with Genea. Our team work hard on equalling and maybe even beating Genea's results”

prim. MUDr. Pavel Texl
Head Team Physician and Managing Director