**Overcoming infertility through assisted reproductive technology**

The Komi Republic Perinatal Center (KRPC) is the leading clinic of the Komi Republic founded in 1971. For several decades, the institution has been meeting the highest demands of modern medicine. The KRPC focuses on obstetrics, with a variety of medical services provided by highly skilled and certified experts in maternal-fetal medicine, gynecology, genetics, urology, and sonography.

**The assisted reproductive technology (ART) department** launched in 2005 is one of the newest departments of the KRPC.  
In 2005, first superovulation induction procedures in IVF protocols were conducted.  
In 2006, the first pregnancy was obtained, and the first baby (conceived through the IVF procedure in our perinatal center) was born on 19 February 2007.  
 The ART department has 2 buildings and deals with diagnostics, treatment and scientific research of various forms of male and female infertility. The department is equipped with incubators, microscopes, ultrasonic diagnostic equipment and medical furniture.  
 In 2012, the first micromanipulator for ICSI procedures was installed. The department uses leading manufacturers produced media for gamete/embryo incubation and materials for transvaginal follicle puncture, embryo cultivation, vitrification and transfer produced by the world’s top manufacturers.

Our priorities and accomplishments include integrated preparations for the IVF procedure: endocrine profile correction, recommendations to patients with a history of miscarriage, individual selection of medicines for ovulation induction, natural IVF cycles, minimal stimulation IVF, low complication rate. The clinic maintains a sperm bank, IVF cycles with frozen eggs are conducted, only certified media are used for embryo cultivation. We are proud of over 10 years of experience in reproductive medicine, conducting around 800 IVF cycles per year. The efficiency of IVF (per 1 embryo transfer) is up to 45 %, cryo-thawed embryo transfer programs – up to 50%.

The key objective of our department is high quality and efficient treatment of all patients and individual approach to problem solution. We apply all available national and international practices in reproductive treatment.

We use the following assisted reproductive technologies:

IVF – in vitro fertilization;

ICSI – intracytoplasmic sperm injection;

Egg and sperm donation;

Surrogacy;

Cryopreservation of eggs, sperm and embryos;

Transfer of thawed embryos;

Laser-assisted hatching (LAH) of embryos prior transfer;

AI – artificial insemination;

Sperm retrieval procedures in case of obstructive azoospermia (TESE, PESE).

The cost of IVF in the KRPC depends on the tests and procedures required and the scope of examination. The total IVF cost varies from $2,300 to $3,800; the treatment course lasts 20 - 22 days.

The clinic also benefits from its convenient location in the capital of the Komi Republic. The city of Syktyvkar has a railway station and an airport right in the city area. A direct train and regular flights connect Syktyvkar with Moscow.

The cost of accomodation in Syktyvkar hotels (Avalon Hotel, Syktyvkar Hotel, Palace Hotel) is from $65 per night. While your stay here you can visit the sights of the Komi Republic and Syktyvkar, such as the National Gallery of the Komi Republic, the National Museum of the Komi Republic, the Finno-Ugrik Ethnic and Cultural Park.

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