



**In vitro fertilization (IVF) market research
in Ukraine**

Comparative Analysis of In Vitro Fertilization (IVF) Clinics in Ukraine and Slovakia

Introduction:

This study aims to provide an overview of in vitro fertilization (IVF) clinics in Ukraine and Slovakia, focusing on the range of services offered, pricing structures, contact information, partnerships, and key managerial personnel.

Reproductive Technologies:

An examination of the reproductive technologies employed in Ukrainian and Slovakian IVF clinics, with a specific emphasis on the utilization of in vitro fertilization techniques.

Comparative Pricing Analysis:

A detailed comparative analysis of the pricing policies for in vitro fertilization services in Ukrainian and Slovakian clinics. This section will explore the cost variations, ensuring a comprehensive understanding of the financial aspects associated with IVF treatments.

Donor Services:

An exploration of donor services, encompassing pricing details, required analyses, and procedural stages in both Ukrainian and Slovakian IVF clinics.

Regulation of IVF in Ukraine: An examination of the regulatory framework governing in vitro fertilization in Ukraine, shedding light on the legal and ethical aspects that guide the practice.

Conclusion: This research seeks to offer valuable insights into the landscape of in vitro fertilization clinics in Ukraine and Slovakia. By addressing various aspects such as services, pricing, donor programs, and regulatory frameworks, the study aims to contribute to a comprehensive understanding of the IVF industry in these countries.



Overview of the In Vitro Fertilization Market 2024 UKRAINE:

Title: In Vitro Fertilization (IVF) Trends and State Support in Ukraine

Introduction:

Extracorporeal fertilization (IVF) is a medical procedure employed to address infertility. It involves retrieving a woman's egg cell and fertilizing it with sperm in a laboratory. The fertilized egg (embryo) is then implanted into the woman's uterus.

IVF Market in Ukraine in 2024:

The IVF market in Ukraine continues to grow in 2024. According to the Association of Reproductive Medicine of Ukraine, over 7000 IVF cycles were conducted in 2023. Data from the National University of Ostroh Academy of Ukraine named after P.L. Shupyk indicates a substantial increase in IVF cycles from 84 in 2011 to 234 in 2022, with 174 registered couples as of October 2023. Several factors contribute to the growth of the IVF market in Ukraine.

Factors Driving the Growth of IVF Market in Ukraine:

Increase in infertility rates in Ukraine, reaching 15% in 2022 according to the World Health Organization.

Improved accessibility to IVF services with approximately 100 IVF centers operating in Ukraine in 2024.

Rising awareness about IVF procedures.

Consumer Profile:

The primary consumers of IVF services in Ukraine are women aged 25 to 45, with the average age of those undergoing IVF procedures being 35.

Projections for the Ukrainian IVF Market:

The IVF market in Ukraine is expected to continue its growth in the coming years. Factors such as increasing infertility rates, enhanced accessibility to IVF services, and rising awareness contribute to this growth.

Key Trends in the Development of the IVF Market in Ukraine:

Growing demand for assisted reproductive technology programs, including IVF and embryo implantation.

Advancements in IVF methods, such as embryo cryopreservation and genetic embryo diagnostics.

Increasing competition among IVF centers.

State Support for IVF Treatment:

In a groundbreaking move, the Ministry of Health is providing funding for assisted reproductive technologies under the State Guarantees Program of Medical Services for the Population in 2024. This initiative aims to address the growing number of infertile couples in Ukraine.

Significance of State Support:

Access to fertility restoration services is now a fundamental means for individuals to increase their chances of becoming parents. Previously considered financially burdensome, infertility treatments were often privately funded, limiting accessibility due to cost and social stigma.

Financial Details:

Under the new program, medical facilities will receive budgetary support for providing IVF services, with a set rate of 60,324 hryvnias per service. It is anticipated that around 30,400 IVF cycles will be covered, resulting in an expected 10,000 newborns annually.

Referral Criteria:

Referrals for women to undergo the first course of infertility treatment using assisted reproductive technologies will be conducted exclusively on medical grounds.

Implementation and Contracting:

To participate in the State Guarantees Program for "Treatment of Infertility using Assisted Reproductive Technologies (In Vitro Fertilization)," medical institutions are required to contract with the National Health Service by January 2024 using the specified form. Reproductive medicine is a rapidly developing field in countries with average and high living standards.

Guaranteed Programs as an Example of Market Development

The improvement in the quality of services in this medical field is evident through the emergence of guaranteed programs. An example of such a program is offered by the renowned Professor Feskova's center in Ukraine, aptly named the Guaranteed IVF program.

The essence of this approach is simple: clients are invited to sign a contract for an unlimited number of attempts (typically three). This means that the clinic is so confident in its capabilities that it guarantees the occurrence of pregnancy for the woman—though the duration may vary for each individual.

The introduction of such an offering indicates that the reproductive medicine market in Ukraine has grown significantly and strengthened in recent years. More effective tools and opportunities have emerged, reflecting the industry's progress.



Overview of the In Vitro Fertilization Market 2024

In Vitro Fertilization Market in Slovakia in 2024

The in vitro fertilization (IVF) market in Slovakia continues to show substantial growth in 2024. According to data from the Slovak Center for Reproductive Medicine, over 2,000 IVF cycles were conducted in the country in 2023, marking a 10% increase compared to 2022.

Key factors contributing to the growth of the IVF market in Slovakia include:

Increasing infertility rates: According to the Slovak Center for Reproductive Medicine, the infertility rate in Slovakia is approximately 15%.

Improved accessibility to IVF: Several private clinics in Slovakia offer IVF at affordable prices, contributing to increased accessibility.

Rising awareness of IVF: There is a growing awareness among the population in Slovakia regarding the effectiveness of IVF as a treatment for infertility.

Anticipated Trends in the IVF Market in Slovakia in 2024

It is anticipated that the IVF market in Slovakia will continue to grow in 2024, with the expected number of IVF cycles reaching 5,500.

Key trends likely to be observed in the IVF market in Slovakia in 2024 include:

Increased demand for IVF among women aged 35 and above.

Growing demand for individualized IVF programs.

Rising utilization of assisted reproductive technologies (ART), such as frozen embryo transfers (FET). Slovakia, a small yet picturesque country in Central Europe, is emerging as a new player in the field of assisted reproduction. Similar to other post-communist countries, it has not been widely associated with competitive healthcare standards and a diverse range of treatment methods. Slovakia's immediate neighbors, Czech Republic and Poland, are already recognized as top destinations for European patients seeking assisted reproductive technologies, and there are indications that Slovakia will soon join their ranks.

In Slovakia, intrauterine insemination (IUI) with either partner's sperm or donor sperm is legal and available exclusively to heterosexual couples. Sperm donors in Slovakia remain fully anonymous. Following the assessment of follicle size and endometrial thickness, a woman may qualify for this type of procedure. IUI can be performed using either partner's sperm or donor sperm. The procedure is a straightforward and gentle method, placing sperm much closer to the egg than in natural conception. Self-administration is painless and time-efficient. The average cost of IUI in Slovakia starts at 400-600 euros, while the cost of donor sperm IUI fluctuates around 1200 euros.

Egg donation in Slovakia is permitted and strictly anonymous. Prospective parents cannot inquire about the donor's identity, and likewise, donors are not privy to the recipient or child's identity. According to Slovak legislation, treatment involving donor eggs requires the written consent of all parties involved.

Access to egg donation treatment in Slovakia is limited to heterosexual couples, excluding single women and those in same-sex relationships. Although Slovak legislation does not specify an upper age limit for female patients, clinics are obliged to have an ethics committee that provides opinions on various ethical dilemmas associated with assisted reproduction. In most cases, the maximum age acceptable for egg donation treatment is around 52 years. Egg donors in Slovakia are typically young women aged 18 to 34, and due to the country's predominantly Caucasian population, they are usually of Slovak origin. Donor qualification assessments adhere to European Union Tissues and Cells Directives, involving thorough screenings such as gynecological examinations (fertility assessment, Pap smear), genetic testing (karyotype and mutation causing cystic fibrosis), endocrinological examination, and serological blood analysis (hepatitis B, C, syphilis, HIV). Donors also undergo medical examinations to evaluate family medical history and rule out serious family illnesses or psychological issues. The maximum number of children that can be born from one donor is capped at 5.

Donors are matched with recipients based on phenotypic characteristics. Despite the anonymous nature of egg donation in Slovakia, patients receive basic information about donors, including age, race, eye and hair color, blood type, Rh factor, height, weight, education, skills, and interests. The number of children born to the donor is also disclosed.

Egg donation in Slovakia is voluntary, but in accordance with the EU Tissues Directive, donors may receive compensation for transportation expenses and inconveniences associated with donation.

Embryo donation in Slovakia, like egg and sperm donation, is permitted and anonymous. Slovak reproductive law allows for in vitro fertilization (IVF), intracytoplasmic sperm injection (ICSI), as well as donation of eggs, sperm, and embryos. Social freezing of oocytes is permitted, but the maximum number of oocytes for fertilization and the maximum storage period for frozen oocytes are not specified. The maximum number of embryos for transfer is limited to 2, with the final decision depending on the doctor's opinion, the patient's health status, and European recommendations emphasizing the importance of single embryo transfer. Preimplantation genetic diagnosis (PGD) and preimplantation genetic screening (PGS) for embryo screening are also possibilities. Slovak

legislation prohibits surrogacy, gender selection for non-medical reasons, embryo experiments, and cloning.

Success indicators for egg donation in Slovakia are regulated by the country's national legislative framework on assisted reproduction, encompassed in Health Act No. 576/2004 Coll. The law has undergone amendments with Acts No. 350/2005, 282/2006, 662/2007, 345/2009 Coll. This comprehensive legislation governs biomedical research, including genetic studies, covering aspects such as informed consent, biomedical research, ethics committees, transplantation issues, organ/tissue donation, and patient rights.



Clinics in Ukraine



Clinic: ICSI CLINIC

ICSI CLINIC is located in Kyiv, Ukraine, at 17 V. Lobanovsky St., 6th Floor.

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Manager: Dariy Oleksandr Semenovych
Position: Leading Reproductologist, Senior Obstetrician-Gynecologist, Ph.D.,
Honored Doctor of Ukraine

Education: Medical Academy, St. Petersburg, Class of 1990

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Phone: +38 (073) 228 57 57

<https://icsi.clinic/price-icsi-clinic-big.pdf>

Service	Price	Price
Obstetrician-gynecologist consultation	950,00 ₴ reproductologist	1710,00 Chief Medical Officer
Primary complex reception of a married couple on the issue of infertility	5510₴	8550,00 ₴ (extended service package)
Primary/secondary complex gynecological reception	4370₴	7600₴ (extended service package)
Comprehensive examination before the exam	18115₴ (for women)	5900₴ (for men)
Comprehensive examination before operative treatment methods (inpatient surgeries)	6250₴	2500₴ Examination after Childbirth
Hysterosalpingography (local anesthesia)	8000₴	1150₴ Ultrasound Examination
Controlled Conception (excluding the cost of medications)	16300₴	
IVF Program with ICSI "Full Cycle" (excluding the cost of medications)	105500₴	159000₴
ICSI for all oocytes	23370₴	
ICSI up to	10830₴ 10 oocytes	20330₴ 20 oocytes
Fertility Preservation Program (excluding medications)	105500₴	
Modified Cryopreservation Protocol	78500₴	
Comprehensive Program "Intimate Zone Injection Plastic Surgery" (excluding	15400₴	

the cost of the medication)		
Pregnancy Planning (Minimum Examination)	5510₴	
Micro-TESE Surgery	120000₴	
Circumcision Surgery under Local Anesthesia	16800₴	

Partners:

Ophthalmological Clinic "Tri-Z," Medical Laboratory CL, Pediatric Laboratory and Diagnostic Center BabyLab, Clinic for the Treatment of Female and Male Infertility OXY-Center, Vaccination and Allergy Prevention - Allergy Center.

Clinic Dobrobut

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Manager: Irina Mykolaivna Atamanchuk

Position: Obstetrician-Gynecologist; Geneticist; Ultrasound Diagnostician; Reproductologist

Education: In 1996, she graduated from M.I. Pirogov Vinnytsia State Medical University, specializing in General Medicine.

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Service	Price
Aspirational Endometrial Biopsy (excluding the cost of histological examination)	1650₴
Assisted Laser Hatching (incision of the embryonic zona pellucida)	1160₴
Sperm Retrieval from Urine	1650₴
Donor Sperm (1 dose)	5400₴
Sperm Cryopreservation	2530₴
Endometrial Irrigation (excluding the cost of the preparation)	3300₴
Endometrial Irrigation PRP (Platelet Rich Plasma): enriched with platelets	6590₴
Sperm Selection by PICS Method in IVF Program	4620₴
Semen Analysis	550₴
Semen Analysis with Capacitation Test	2530₴
Test for the Presence of Anti-sperm Antibodies (MAR Test)	2090₴
Test for the Ability of Sperm to Bind Hyaluronic Acid (HBA Test)	4400₴
Storage of Oocytes/Sperm/Embryos for 3 months	550₴
Hysterosalpingography	3300₴
Oocyte Activation with Calcium Ionophore	3800₴
Aspiration of Fluid from the Abdominal Cavity via Vaginal or Abdominal Access under Ultrasound Control	3000₴
Transvaginal Puncture of Ovarian Cyst under Ultrasound Control	5000₴
Sclerotherapy of endometrioid cysts.	6500₴

Partners:

Global Benefits Group, The Healix Group of Companies, AXA Assistance Network, Global Prime Medicare, Europ Assistance

Clinic Nadezhda

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Manager: Zakharenko Igor

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Service	Price	Price
Obstetrician-gynecologist consultation	900,00 ₴ reproductologist	1600,00 Chief Medical Officer
Diagnostic hysteroscopy with histological and immunohistochemical (CD138; CD56) examination of the material	19800₴	
Office hysteroscopy	10000₴	
Puncture of the epididymis (if necessary, testicular biopsy)	4600₴	
Laparoscopy	54 600₴ Category 1	63 000₴ Category 2
Laparoscopy +hysteroscopy	63 000₴ Category 1	71 400₴ Category 2
The program "Intrauterine insemination in the natural cycle"	9100₴	
The program "Intrauterine insemination in a stimulated cycle"	11500₴	
In vitro fertilization with ICSI, cycle segmentation	65 000₴	
In vitro fertilization with ICSI, cycle segmentation, attempt 2, 3	61750₴	58500₴
In vitro fertilization with ICSI, cycle segmentation (without CBS)	61300₴	
Embryo reduction in multiple pregnancies	8700₴	
Double embryo transfer	33600₴	
Egg donation program	162000₴	
My future program	30 000₴	

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на 65 сторінок**

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