



IRMC
REPRODUCTIVE MEDICAL CENTER



Future parents, meet the future of fertility
未來的父母們，來見識一下生育的未來

At IRMC, we are dedicated to helping you achieve your dreams of parenthood.
在IRMC，我們致力於幫助您實現成為父母的夢想。



**Elevate your fertility
journey with us.**

與我們一起提升您的生育之旅



IRMC
REPRODUCTIVE MEDICAL CENTER

At IRMC, we aim to expand the range and accessibility of premium family planning services. Starting a family is an exciting major life decision. We want to ensure that you have all the information and support that you need.

在IRMC，我們的目標是擴大優質家庭規劃服務的範圍和可獲取性。開始一個家庭是一個令人興奮的重大人生決定。我們希望確保您擁有您所需要的所有信息和支持。

YourFamily,YourChoice 您的家庭，由您選擇。

IRMC: Your Family Planning Partner.

Choosing to start a family is a monumental decision, and at IRMC, your dreams are our mission. Whether motivated by career, health, or timing, we understand the personal and diverse paths to parenthood. Our advanced preservation techniques empower you to decide when to start your family.

As a global assisted reproductive clinic network, IRMC provides one-stop cross-border assisted reproductive health services for families with childbearing needs. IRMC will set up more than 30 reproductive clinics around the world, provide you with unified high-quality medical standard services, and effectively improve the overall success rate of customers through the world's advanced AI solutions.

IRMC: 您的家庭規劃夥伴

選擇開始一個家庭是一個重大的決定，在IRMC，您的夢想就是我們的使命。無論是由於職業、健康還是時間問題，我們理解通向為人父母的旅程充滿獨特和多樣化的路徑。

作為全球輔助生殖診所網絡的IRMC，為有生育需求的家庭提供全球一站式跨境輔助生殖醫療服務。IRMC將在全球布局超過30家生殖診所，為您提供統一的高品質醫療標準服務，並通過全球先進的人工智能解決方案，有效提升客戶的整體成功率。



Kyrgyz-American International Reproductive Medical Center (IRMC)

The Kyrgyzstan-American National Reproductive Medicine Center (IRMC) is a state-of-the-art fertility center in Kyrgyzstan. IRMC is designed to meet the highest standards set by the main U.S. center; it maintains stringent quality in its medical facilities, laboratory specifications, and equipment. Additionally, it shares access to expert resources from the U.S. headquarters.

吉爾吉斯斯坦-美國生殖醫學中心（IRMC）是在吉爾吉斯斯坦投資的高標準生殖中心，醫療環境、實驗室規格、設備等嚴格按照美國總院最高標準打造，共享美國總院權威專家資源。





Cutting-edge, comprehensive assisted reproductive services in the United States

The Kyrgyzstan-American National Reproductive Medicine Center (IRMC) is a high-end reproductive and gynecological medical center headquartered in the United States. Our medical team includes top American reproductive and gynecological experts, embryologists, and a multilingual medical team. IRMC has made substantial investments in medical facilities, laboratory equipment, treatment environments, and location, aiming to provide clients with high-demand, comfortable, high-quality medical care and service experiences.

最前沿、最全面的美國輔助生殖服務。

吉爾吉斯斯坦-美國生殖醫學中心（IRMC）是一家總部位於美國的高端生殖和婦科醫療中心。我們的醫療團隊成員包括美國頂尖的生殖和婦科醫學專家、胚胎學家以及多語言醫療團隊。IRMC在醫療設施、實驗室設備、治療環境和醫院位置上進行了大量投資，旨在為有較高需求的客戶提供舒適、高質量的醫療服務和護理體驗。

Eight Core Advantages

八大核心優勢



Global Fertility Network
全球布局 全球連鎖



**Pioneer IVF Center in the United States
with a World-Class Medical Team**
美國先鋒試管嬰兒中心，擁有世界級醫療團隊



Research Guided, Innovation Driven
學院派醫療集團 以科研成果為導向



Dual Accreditation in Reproductive Medicine and Gynecology
生殖科與婦科雙重權威認證



State-of-the-Art IVF Technologies
最先進的第三代試管技術



Outstanding Success Rates Above the U.S. Average
優異的成功率高出美國平均水平



Advanced Embryology Laboratory
先進的胚胎實驗室



Private, Warm, and Comfortable Environment
私密 溫馨 舒適的就醫環境

Worldclasslaboratory

世界級實驗室

IRMC laboratory can simulate the uterine environment at a constant temperature, using the American cook MinC table type three gas incubator. The blastocyst rate of embryos cultured in this environment is much higher than that when only carbon dioxide level is controlled. The laboratory is equipped with an intelligent sensor system to ensure uniform pressure and constant temperature. At the same time, the continuous circulation of air purification and ventilation system will provide superior conditions for the stable culture of embryos. IRMC laboratory also has the world's leading-edge frozen egg equipment. The egg bank uses fingerprints to enter and is protected by a video monitoring system. It is equipped with a temperature sensing alarm device. The storage tank is equipped with a rolling axle wheel to reduce vibration and realize the safe preservation of eggs.

IRMC實驗室能夠恆溫模擬子宮環境，採用美國COOK公司MINC型臺式三氣培養箱，在這種環境下培養的胚胎，形成囊胚率遠超僅控制二氧化碳水平時的囊胚率。實驗室設有智能傳感器系統，以保證均勻壓力和恒定溫度。同時循環不間斷的空氣淨化通風系統，會為胚胎的穩定培養提供優越的條件，IRMC實驗室還擁有全球尖端冷凍卵子設備。卵子庫使用指紋進入並有視頻監控系統保護，配備溫度感應警報裝置，存儲罐裝有滾動軸輪降低震動，實現卵子安全保存。





IRMC maintains close collaborations with multiple medical institutions across the United States, integrating research and clinical practice. This synergy ensures the application of advanced knowledge and contributes to the continuous development and progress of the reproductive medicine industry.

IRMC與美國多家醫療機構保持密切合作，整合研究與臨床實踐。這種協同作用確保了先進知識的應用，並促進了生殖醫學行業的持續發展和進步。



American Society for Reproductive Medicine (ASRM)



Centers for Disease Control and Prevention (CDC)



UC Davis Medical Center



St. Mary's Hospital



North Bay Medical Center



Tuoro College of Osteopathic Medicine



California NorthState University Medical College



American Board of Obstetrics & Gynecology



Advancements in Third-Generation IVF Technology

第三代試管嬰兒的技術發展

Third-Generation IVF Technology can be categorized into: PGT-M (Preimplantation Genetic Testing for Monogenic Disorders), and PGT-A (Preimplantation Genetic Testing for Aneuploidy)

第三代試管嬰兒技術分為：

PGT-M 胚胎植入前遺傳學診斷，和PGT-A胚胎植入前染色體篩查

PGT-M: Preimplantation Genetic Testing for Monogenic Disorders

PGT-M用於單基因缺陷

PGT-M, also known as Preimplantation Genetic Diagnosis (PGD), is used when patients have a known risk of genetic disorders or other monogenic (single-gene) conditions. This testing method allows for the selection of embryos that do not carry specific genetic traits associated with these disorders.

PGT-M focuses on identifying single-gene disorders on specific chromosomes, making it particularly suitable for the following indications: chromosomal abnormalities, single-gene disorders, hereditary diseases, HLA matching and couples with affected children.

The primary goal of PGT-M is to reduce the likelihood of genetic disorders in newborns, offering families a chance to have healthy children free from inherited conditions.

PGT-M 即胚胎植入前基因診斷（又名PGD）。如果患者存在已知遺傳病風險或患有其他單基因遺傳病時，可以利用PGT-M來排除具有這些基因性狀的胚胎。

PGT-M是尋找特定染色體上的已知單基因疾病，適應癥：染色體異常，單基因病，遺傳性疾病，HLA配型（血液系統疾病幹細胞移植），以及生育過患兒的夫婦。

PGT-M檢測的意義是為了減少新生兒患遺傳性疾病的幾率。

PGT-A: Preimplantation Genetic Testing for Aneuploidy

PGT-A用於染色體非整倍性

PGT-A, also known as Preimplantation Genetic Screening (PGS) involves screening embryos for the structure and number of all 23 pairs of chromosomes to detect chromosomal abnormalities. It helps identify both numerical (aneuploidy) and structural chromosomal issues, ensuring that only chromosomally normal embryos are selected for transfer. This process increases the success rate of embryo implantation and reduces the risk of miscarriage.

Indications for PGT-A includes: women aged 38 and older, individuals with a history of unexplained recurrent miscarriages or implantation failure, severe male factor infertility, such as severe sperm abnormalities and couples with no genetic disease history but who seek optimal reproductive outcomes.

*Chromosomal abnormalities are a leading cause of IVF failure. For women over the age of 35, the likelihood of chromosomal normalcy (euploidy) decreases sharply, which is a major reason for implantation failures and miscarriages. PGT-A aims to address this by selecting embryos with a normal chromosomal complement, improving pregnancy outcomes.

PGT-A 即胚胎植入前遺傳學篩查（又名PGS），具體是指對胚胎的23對染色體的結構及數目進行檢測，以確定是否存在特定的染色體異常。PGT-A還可以篩選數值（異倍性）和結構性染色體異常的胚胎。經過基因篩查的胚胎移植後的成功率會更高，流產率也會降低。

PGT-A是檢測胚胎染色體非整倍數，通過移植正常的胚胎從而提高妊娠率，適應癥：女方年齡38歲以上，不明原因反覆流產或種植失敗，嚴重畸精子癥，無遺傳病史有優生需求的人群。PGT-A檢測的意義是提高試管嬰兒植入率降低流產率。

*染色體異常是導致試管嬰兒失敗的主要原因。超過35歲，女性染色體整倍體概率直線下降，這種異常是導致著床失敗，流產的主要原因。

Kyrgyz-American International Reproductive Medical Center (IRMC)

吉爾吉斯斯坦-美國生殖醫學中心(IRMC)



Globalgroup-Kyrgyzstan

全球集團企業 – 吉爾吉斯斯坦



Centre Location

中心位置

The Kyrgyzstan-American National Reproductive Medicine Center (IRMC) is located in Bishkek, the capital of Kyrgyzstan, which serves as the political, economic, cultural, and scientific center of the country, as well as a major transportation hub. As Kyrgyzstan's neighbor to the west of China, Bishkek is easily accessible with many direct flights. The traditional diet of the Kyrgyz people, primarily consisting of meat and dairy, is quite similar to that of Xinjiang, featuring dishes like pilaf, grilled naan, and charcoal-grilled lamb chops. All dishes are prepared using locally sourced fresh ingredients, and there are many Chinese restaurants in the area. Since September 1, 2017, Kyrgyzstan has officially introduced an e-visa system, making travel even more convenient.

吉爾吉斯斯坦-美國國生殖醫學中心（IRMC）位於吉爾吉斯斯坦首都比什凱克，是吉國政治、經濟、文化和科學中心，更是主要的交通樞紐，作為中國西面的第一鄰國，直飛比什凱克航班多且方便。作為游牧民族，吉爾吉斯的傳統飲食中主要以肉和奶為主和新疆的美食很像，手抓飯，烤饅，碳烤羊排。它們全部採用當地新鮮食材，當地中餐館很多。自2017年9月1日起，吉爾吉斯斯坦正式啟用電子簽證，為出行更添便利。

OurDoctors

我們的醫生



Dr. Zitao Liu, M.D., Ph.D

Dr. Zitao Liu is an internationally renowned expert in reproductive medicine and the founder of the North American Society of Chinese Obstetricians and Gynecologists. He serves on the Faculty Affairs Committee at Tufts University School of Medicine and the Global Health and International Collaboration Committee at Tufts Medical Center. Dr. Liu has received prestigious awards, including the Philip P. McGovern, Jr., MD Faculty Teaching Award at Tufts and the Medical Student Teaching Award from Albert Einstein College of Medicine. He is also a member of the Diversity Committee of the Society for the Study of Reproduction and a recipient of the Rella Travel Fund Award at the society's 36th annual meeting.

Dr. Liu is a leading advocate of Mild-Stim IVF™ and excels in various assisted reproductive technology (ART) treatments. With extensive clinical and research experience, he is highly skilled in a range of IVF stimulation protocols, tailoring individualized treatment plans to maximize conception chances for his patients. His expertise and patient case numbers in egg retrieval and embryo transfer place him among the top specialists in the United States.

劉子韜醫學博士

劉子韜醫生是國際著名的生殖醫學專家，同時也是北美華人婦產科醫生協會的創始人。他現任塔夫茨大學醫學院教職人員委員會委員，以及塔夫茨醫學中心全球健康及國際合作委員會委員。劉博士曾獲得多項殊榮，包括塔夫茨醫學院 Philip P. McGovern, Jr. MD 教學獎以及艾爾伯特·愛因斯坦醫學院的醫學生教學獎。此外，他也是美國生殖研究協會少數族裔委員會的成員，並榮獲該協會第36屆年會的雷拉基金參旅獎。

劉博士是溫和刺激 IVF™ (Mild-Stim IVF™) 方案的倡導者，在各種輔助生殖技術 (ART) 治療方面擁有深厚造詣。他豐富的臨床與科研經驗使他在各類試管嬰兒促排方案方面遊刃有餘，致力於為患者量身定製個性化的治療方案，以最大限度地提高受孕機會。他在取卵及胚胎移植的病例數量上位居美國同行前列，堪稱業內翹楚。

OurDoctors

我們的醫生



Dr.QiaohongZhang,M.Med

With more than 20 years of experience in obstetrics and Gynecology and assisted reproductive technology, Dr. Zhang Qiaohong is skilled in the treatment of female endocrine diseases (such as ovulation disorders, premature ovarian failure, irregular menstruation, etc.) and related diseases of men and women with integrated traditional Chinese and Western medicine.

She is good at follicular ovulation monitoring under the guidance of vaginal ultrasound, formulation of personalized ovulation promotion scheme, superconducting oocyte retrieval, transplantation, personalized fetal protection, uterine cavity separation under hysteroscopy and endometrial polyp removal, as well as testicular sperm extraction. He has studied in the First Affiliated Hospital of traditional Chinese medicine of Henan Province, the Second Affiliated Hospital of Zhengzhou University, the reproductive center of Zhengzhou 460 military region hospital, and the assisted reproduction laboratory of the First Affiliated Hospital of Nanjing Medical University.

張巧紅醫學碩士

張巧紅醫生有著20余年婦產科及輔助生殖技術從業經驗，熟練掌握女性內分泌疾病（如排卵障礙、卵巢早衰，月經不調等）及男女相關病癥的中西醫結合治療。

擅長陰超引導下卵泡監排卵、個性化促排方案製定、超導取卵，移植，個性化保胎，宮腔鏡下宮腔分離及內膜息肉摘除等多項技術，還包括睪丸取精等。先後進修於河南省中醫第一附屬醫院、鄭州大學第二附屬醫院、鄭州460軍區醫院生殖中心、南京醫科大學第一附屬醫院輔助生殖實驗室。

OurEmbryologist

我們的胚胎師



Dr.MiaoCheng.ES

Experienced embryologist skilled in conducting IVF procedures and managing laboratory operations. Proficient in advanced embryology techniques, including oocyte retrieval, semen preparation, embryo evaluation, micromanipulation (ICSI), assisted hatching, blastocyst biopsies, and cryopreservation. Adept at operating and troubleshooting technical laboratory equipment, maintaining records and documentation, and adhering to regulatory standards. Bilingual in English and Chinese, with excellent communication and collaboration skills. Skills

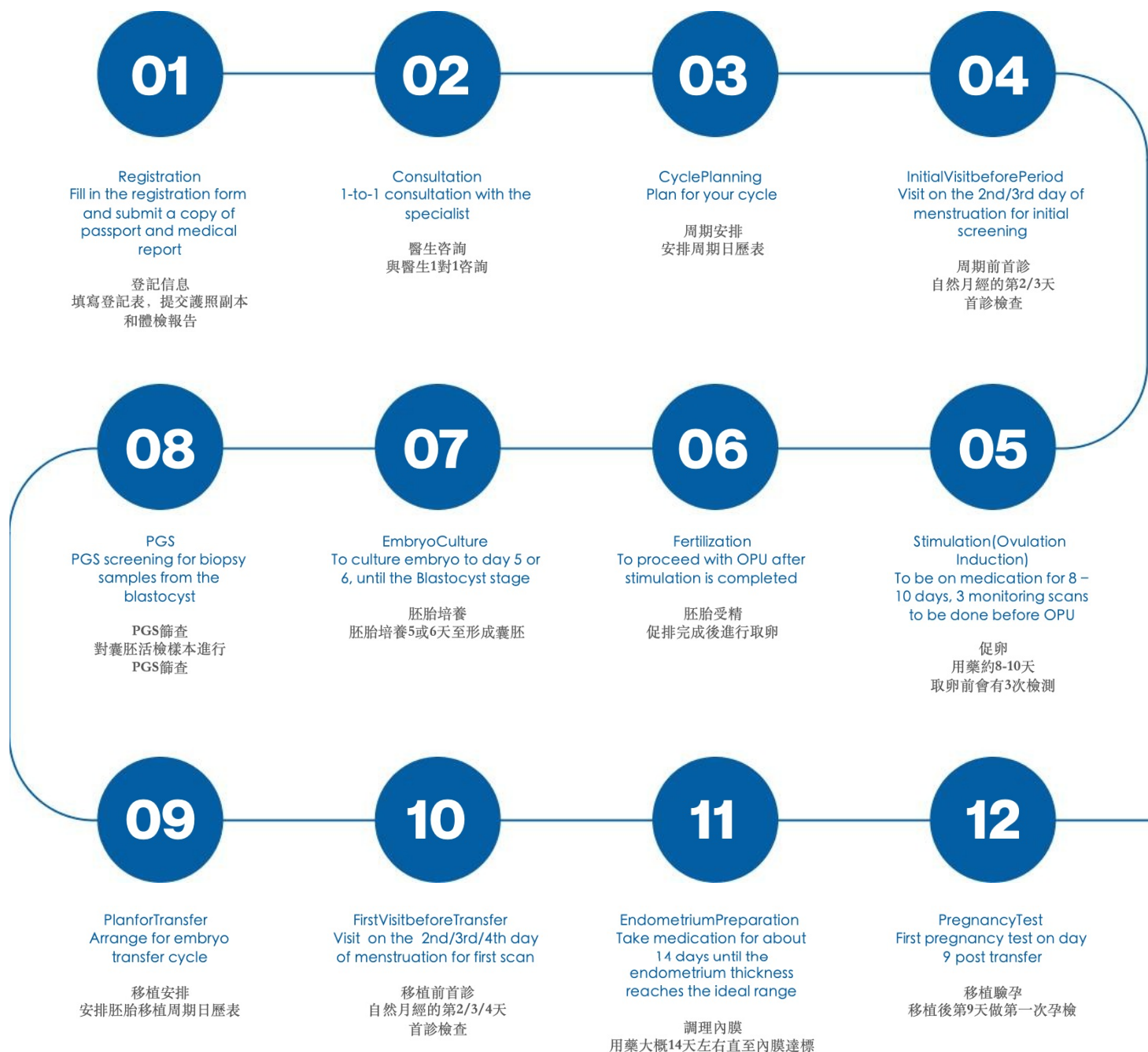
- Assisted Reproductive Technology (ART) laboratory procedures
- Oocyte handling and sperm preparation
- Intracytoplasmic Sperm Injection (ICSI)
- Embryo biopsy and fertilization checks

苗成胚胎師

經驗豐富的胚胎學家，擅長進行體外受精程序和管理實驗室操作。
精通先進的胚胎學技術，包括取卵，精液製備，胚胎評估，
顯微操作（ICSI），輔助孵化，胚泡活檢和冷凍保存。
擅長操作並對技術實驗室設備進行故障排除，維護記錄和文件，並遵守監管標準。
英語雙語和中文，具有出色的溝通和協作能力。
輔助生殖技術（ART）實驗室程序
卵母細胞處理和精子製備
胚胎活檢和受精檢查

ServiceProcess

服務流程



We are here to help

服務對象



Families Facing Fertility Struggles

Indications: Women of advanced maternal age, recurrent miscarriages, chromosomal abnormalities, polycystic ovary syndrome (PCOS), premature ovarian failure, endometriosis, and carriers of genetic disorders. For these families, who have long faced fertility challenges, assisted reproductive services offer a pathway to realizing their dream of having their own children.

有生育困擾的家庭

適應癥群體：大齡女性，習慣性流產，染色體異常，多囊卵巢綜合征，卵巢早衰，子宮內膜異位癥，攜帶遺傳病基因等，深受生育困擾的家庭順利擁有自己的後代。



Single Individuals

IRMC offers services such as sperm and egg freezing, helping single men and women preserve their fertility. Additionally, IRMC provides IVF, egg and sperm donation, and third-party assisted reproduction services, enabling single individuals to legally have their own children.

單身人士

IRMC提供服務項目包括：精子冷凍，卵子冷凍，保存單身男性，女性最佳生育力。此外，IRMC提供試管嬰兒，細胞捐贈及第三方輔助生殖服務，單身男女也可以合法擁有自己的後代。



Patients with Multiple IVF Failures

The IRMC medical team, led by Dr. Zitao Liu, excels in handling cases of multiple failed IVF cycles caused by a range of complex and challenging conditions.

多次試管嬰兒失敗患者

IRMC醫療總監劉子韜醫生帶領的IRMC醫生團隊，尤其擅長由於各種疑難雜癥，導致多次試管嬰兒周期失敗的案例。

Why choose IVF in the Kazakhstan

吉爾吉斯斯坦輔助生殖優勢



1. Kyrgyzstan has clear and supportive law on assisted reproduction

Kyrgyzstan not only permits legal egg donation but also fully supports assisted reproductive services. The local laws are well-defined, and the processes are compliant. As a result, the Chinese Embassy provides significant support and cooperation when handling post-birth procedures, ensuring that all steps are completed smoothly without any legal or procedural concerns. Kyrgyzstan is one of only three regions in the world that legally allow singles to receive reproductive assistance, offering a significant advantage for singles and the LGBTQ+ community. This contrasts with traditional assisted reproduction countries, which typically only permit couples to access these services, thus providing more options and opportunities for a wider range of individuals.

2. Easy Access

Kyrgyzstan shares a border with Xinjiang, China, and its proximity makes it an ideal destination for those seeking assisted reproductive services without the need for long-distance travel. The flight time from Bishkek, the capital of Kyrgyzstan, to most cities in China is between 4 to 6 hours, minimizing concerns about the impact of long flights on the physical development of the baby.

3. Exceptional value for money

The cost of assisted reproduction in Kyrgyzstan is highly competitive compared to the United States, and accommodation options are more affordable, making it an ideal choice for families with limited budgets. At the Kyrgyzstan-American International Reproductive Medical Center (IRMC), we also offer exclusive services and shuttle transportation for our clients.



1. 吉爾吉斯斯坦擁有寬松而健全的輔助生育法律

吉爾吉斯斯坦不僅允許合法捐卵，並且完全支持助孕生殖服務。當地法律明確，操作合規，因此在孩子出生後辦理回國手續時，中國大使館會給予極大的支持與配合，確保順利完成各類手續，無需擔心存在法律或者手續方面的任何障礙。吉爾吉斯斯坦是全球僅有的三個允許單身人士進行合法助孕的地區之一，這對單身人士和LGBT群體來說是一個極大的優勢，彌補了傳統輔助生殖國家只允許夫妻助孕生殖的局限性，為更多人群提供了選擇和機會。

2. 便利的交通條件

吉爾吉斯斯坦與中國新疆接壤，地理位置非常接近，尤為適合那些不願意長途旅行的求孕者。從吉爾吉斯斯坦首都比什凱克飛往國內大多數城市時長在4-6小時之間，幾乎不用擔心寶寶可能受到長途飛行對身體發育的影響。

3. 超高的性價比

相比於美國，吉爾吉斯斯坦的輔助生殖費用極具競爭力，食宿方面也相對實惠，非常適合預算有限的不孕家庭。在吉爾吉斯斯坦-美國生殖醫學中心(IRMC)，我們也將為客戶提供專屬的服務以及專車預約服務。



Our Services

服務項目

A. Examination and Consultation

檢查諮詢

Female Examinations

- Hormone level testing
- Endometrial assessment
- Post-coital test
- Immunological testing
- Chromosome structure and number analysis
- Ultrasound examination
- Hysterosalpingography (HSG)
- Recurrent miscarriage evaluation
- Laparoscopy
- Hysteroscopy
- Sonohysterography

Male Examinations

- Semen analysis report
- Antibody testing
- Chromosome structure and number analysis
- Sperm chromatin testing

女性檢查

激素水平檢查，子宮內膜檢查，同房後測試，免疫學檢測，染色體結構和數目檢測，超聲波檢查，子宮輸卵管造影檢查，復發性流產評估，腹腔鏡檢查，宮腔鏡檢查，子宮聲學造影

男性檢查

精液分析報告，抗體檢測，染色體結構和數目檢測，精子染色質檢測。

B. Assisted Reproduction

輔助生殖

Third-Generation IVF Technology

- Preimplantation Genetic Testing for Aneuploidy (PGT-A)
 - Preimplantation Genetic Diagnosis (PGT-M)
 - Next-Generation Sequencing (NGS)
- The use of PGT-A, PGT-M, and NGS technologies effectively increases implantation success rates, reduces miscarriage rates, and lowers the risks of birth defects and genetic disorders, ensuring optimal reproductive outcomes.

Second-Generation IVF Technology

- Intracytoplasmic Sperm Injection (ICSI)

Third-Party Assisted Reproduction

第三代試管嬰兒技術

胚胎植入前遺傳學篩查 (PGT-A)
胚胎植入前基因診斷 (PGT-M)
新一代的基因測序技術 (NGS)
PGT-A / PGT-M / NGS技術可有效提高移植成功率，降低流產率，並降低了胎兒出生缺陷和寶寶患遺傳病等風險，保證優生優育。

第二代試管嬰兒技術

即卵細胞漿內單精子注射技術

第三方輔助生殖

C. Cryopreservation Technologies

冷凍技術

Sperm Freezing

Freezing sperm at its peak quality effectively preserves male fertility.
Embryo Freezing
Freezing high-quality embryos for future use.

Egg Freezing

As women age, the quality and quantity of their eggs decline, particularly after age 35. It is recommended that women without immediate plans for childbearing consider egg freezing during their optimal reproductive years to preserve their fertility.

精子冷凍

在精子質量最佳時將精子冷凍，可以有效地保存男性生育能力。

胚胎冷凍

優質胚胎冷凍備用

卵子冷凍

女性卵子質量隨着年齡的增長不斷下降，特別在35歲以後，卵子質量及數量都大幅度下降。因此建議短期內沒有生育意願的女性可以在最佳生育期進行卵子冷凍，以保存最佳生育能力。

CaseStudies

部分案例



CaseStudy:TwinBrothersBornthroughIVFintheUnitedStates

一對雙胞胎兄弟美國試管嬰兒案列



CaseStudy:SuccessfulImplantationofBoy-GirlTwinsinaSingleTransfer

一次移植成功著床的龍鳳胎案列

SuccessStories

成功案例



04



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Thank You