

## COMPANY INTRODUCTION

Established in 2015, VitaVitro Biotech is a leading Chinese company specializing in high-quality support for human IVF laboratories worldwide. We are aiming to bring Advancing IVF Solutions for Tomorrow's Families. Our global operation includes our manufacturing base in Shenzhen, R&D centers in Suzhou and Dalian, and clinical partners all around the world. Our products come with full after-sales support, and we also offer a comprehensive range of IVF laboratory support services.

## OUR MISSION

Advancing IVF solutions for tomorrow's families

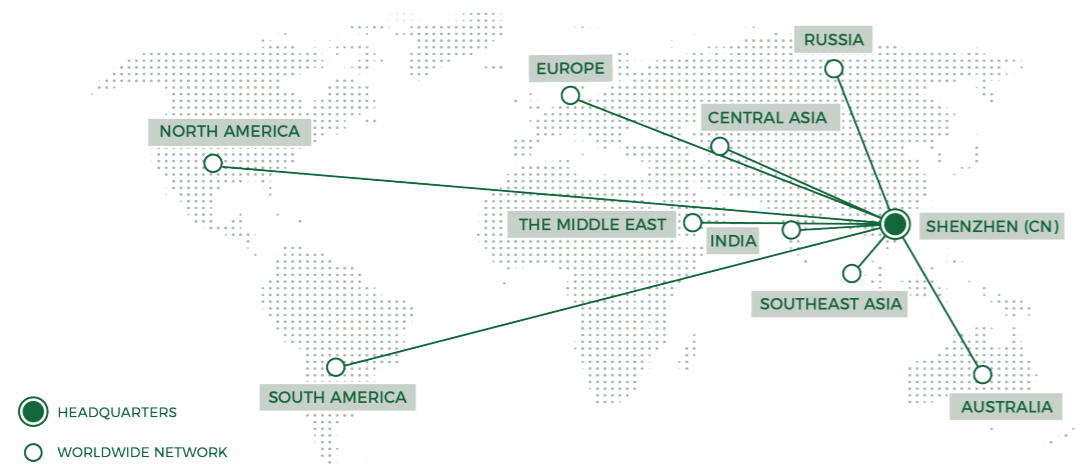
## CORE VALUES

Commitment to quality, adherence to regulations, innovation, and dedication to clients

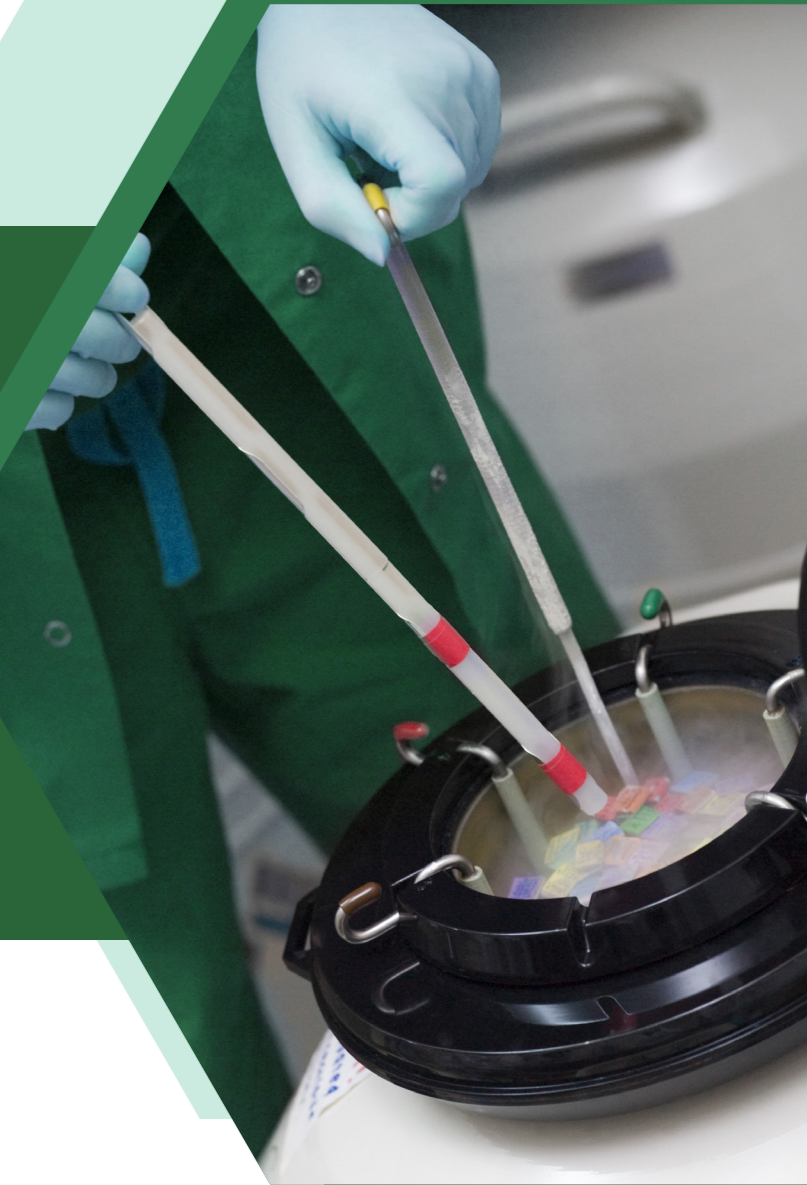
## QUALITY CERTIFICATIONS

Our company has established a quality control system for manufacturing medical devices in accordance with the requirements of multiple certifications and national regulations, including the United States (**QSR820, ISO13485: 2016**), Europe (**93/42/EEC**), and China.

Each product is carefully manufactured in facilities meeting the highest GMP sanitation standards. Each batch of products is tested strictly, conforming to **USP, EP, and ChP** guidelines. Testing includes bacterial endotoxins, sterilization, pH, and osmotic pressure.



# VITRIFICATION AND WARMING SOLUTIONS



# ADVANCING IVF SOLUTIONS FOR TOMORROW'S FAMILIES



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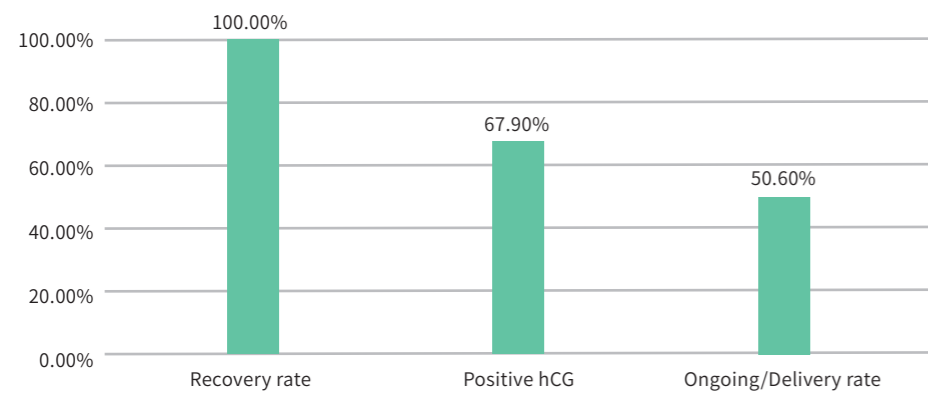
VitaVitro Biotech

BR02201001

## SUITABLE FOR CRYOPRESERVATION OF HUMAN MII OOCYTES OR EMBRYOS AT DIFFERENT DEVELOPMENTAL STAGES

### Independent **international** clinical data

#### FROZEN EMBRYO TRANSFER CLINICAL OUTCOMES



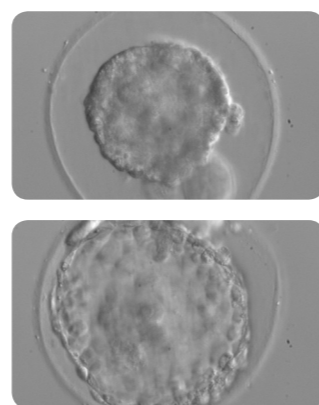
Note: As of July 2017, this clinical trial has observed 687 frozen embryo transfers. Of these, 417 of the participants were under 35 years old, 125 participants were 35-36 years old, 65 were 37-38 years old, 40 participants were 39-40 years old, and 40 participants were over 40.



**Prof. Gábor Vajta**  
Inventor

**Customers' Feedbacks**

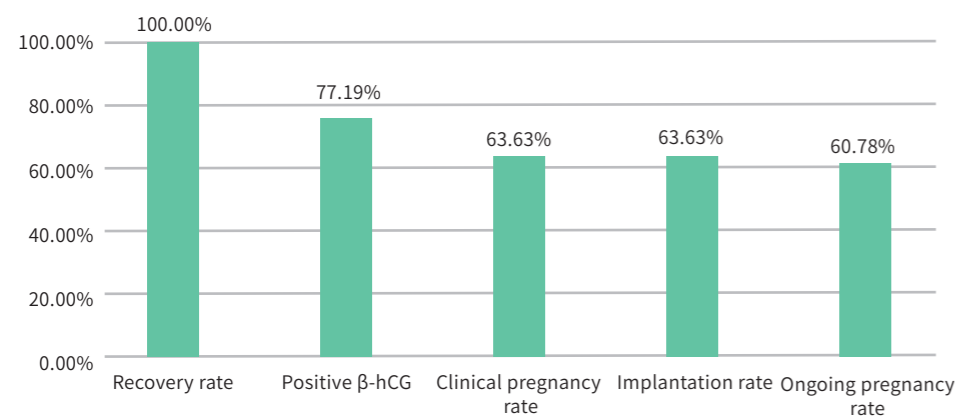
- 100% warming rate
- High clinical pregnancy and implantation rate



1-2 hours after warming

### Independent **domestic** clinical data

#### FROZEN BLASTOCYST TRANSFER CLINICAL OUTCOMES



Note: Participants in this clinical trial are aged from 20 to 38. As of June 2020, the test group consists of 93 participants, and data continues to be collected.



#### PRINCIPAL COMPONENTS

M199-Hepes buffer, dimethyl sulfoxide, ethylene glycol, sucrose, others

**Antibiotic free, allergy safe**



#### QUALITY CONTROL

	VitaVito
Endotoxin	< 0.25 EU/mL
Mouse embryo blastocyst rate	≥ 80%
pH	7.2~7.6

#### ORDERING INFORMATION

Product	Product Number	Specifications
VitaVito Vitrification Kit	V002001	HV1 1.0 ml * 1 HV2 1.0 ml * 1 HHM 1.0 ml * 1
VitaVito Warming Kit	V003001	HW1 1.5 ml * 2 HW2 1.0 ml * 1 HHM 1.8 ml * 1

Storage: 2-8°C Shelf Life: 12 months

#### FREE COACHING APP

Enjoy the vitrification operation at anytime, anywhere.

Integrated stopwatch functionality

Online interaction

#### REFERENCE

- Gábor Vajta. Are programmable freezers still needed in the embryo laboratory? Review on vitrification. Reproductive BioMedicine Online 2006; 12:779-796.
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- Gábor Vajta, Anikó Reichart, Filippo Ubaldi, Laura Rienzi. From a backup technology to a strategy-outlining approach: the success story of cryopreservation. Expert Rev. Obstet. Gynecol. 8(2), (2013).
- N. De Munck, Gá. Vajta, Safety and efficiency of oocyte vitrification. Cryobiology (2017), doi: 10.1016/j.cryobiol.2017.07.009.
- Gábor Vajta. Vitrification in ART: past, present, and future. Theriogenology (2020), doi.org/10.1016/j.theriogenology.2020.01.057.