Cryo

PRODUCT CATALOGUE

Vitrification Media

The world's first vitrification media supplemented with fatty acids - essential nutrients for oocyte and embryo development following the warming process

- Enhances metabolic activity of oocytes and embryos.
- Fatty acid-supplemented media help restore intracellular lipid levels reduced during vitrification.
- Clinical studies have shown improvements in outcomes for cleavage-stage embryos and blastocysts.
- The media contain hydroxypropyl cellulose (HPC) as an alternative to serum.

Vitrification Media

REF	Code	Contents
91207	VT621	BS 1.5 mL x 1 ES 1.5 mL x 1 VS 1.5 mL x 2

Thawing Media

REF	Code	Contents
91208	VT622	TS 4.0 mL x 2 DS 4.0 mL x 1 WS 4.0 mL x 1

COMPONENTS

Basic culture medium with HEPES, Arachidonic acid, Cholesterol, Dimethyl sulfoxide, DL-alpha-tocopherol acetate, Ethyl alcohol, Ethylene glycol, Gentamicin, Hydroxypropyl cellulose, Linoleic acid, Linolenic acid, Myristic acid, Oleic acid, Palmitic acid, Palmitoleic acid, Stearic acid, Trehalose

QUALITY CONTROL

pH 7.2-7.6, Osmolality, Endotoxin <0.25EU/mL, Mouse Embryo Assay ≥80%, Sterility test
Storage: 2-8 ℃
Shelf life: 12 months

Specifications are subject to change without prior notice for product improvement.

Kitazato Corporation

HEADQUARTERS : 100-10 Yanagishima, Fuji, Shizuoka 416-0932 JAPAN
TOKYO : 1-1-8 Shibadaimon, Minato-ku, Tokyo 105-0012 JAPAN
Mail contact@kitazato.co.jp

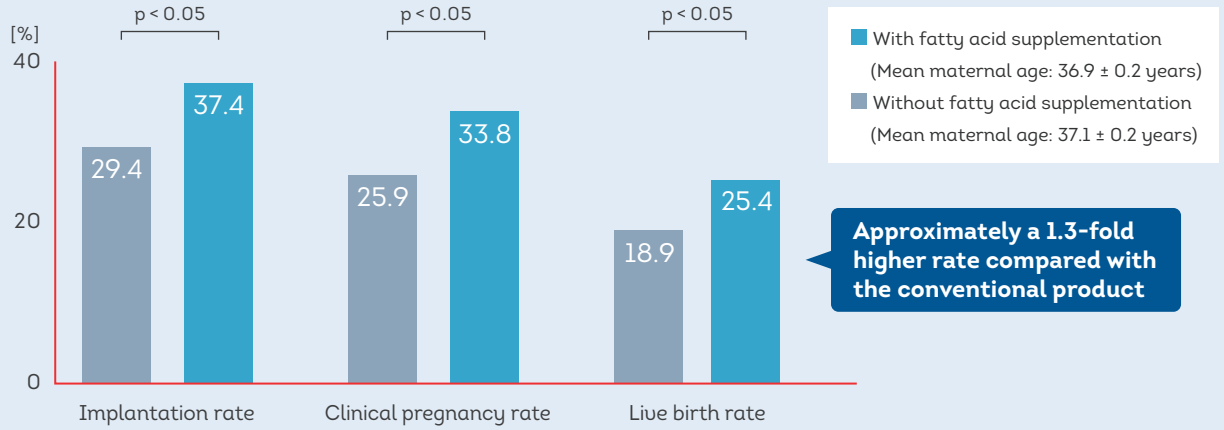
RESULT

Cleavage embryos (Day 2)

Culture outcomes

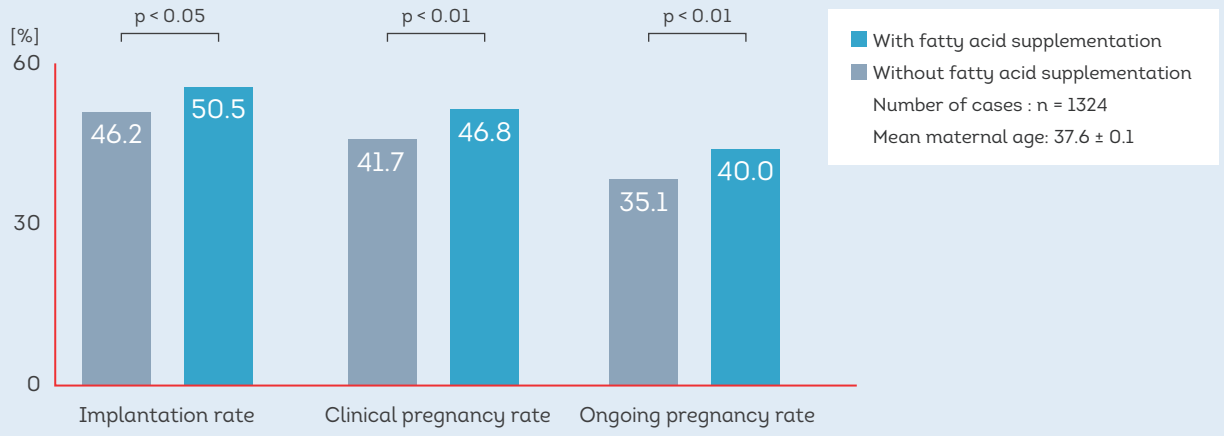
	Conventional product	VT621 / VT622	P value
Number of embryos (n)	106	111	-
Mean maternal age (years)	39.2±0.3	39.0±0.3	0.6583
Survival rate (%)	106 (100)	111 (100)	1.0000
Degenerated embryos	0	0	-
Cleavage rate (%)	58 (54.7)	72 (64.9)	0.1273
Morphologically good embryos, n (%)	34 (32.1)	55 (49.6)	0.0089

Clinical outcomes after single embryo transfer



Blastocysts

Clinical outcomes after single cleavage-stage embryo transfer



REFERENCES

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- Ezoe et al. Maternal and obstetric outcomes following the transfer of embryos warmed with fatty acid-supplemented solutions. BMC Pregnancy Childbirth. 2024;24:343.
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