

//
//

()

MEM- α

*

)

NMARI

MEM- α , hCG, rFSH, % FCS

rFSH hCG MEM- α % hHFF % hHFF

(% /) (% /) (% /)

(P < /)

(% /) (% /) (% /)

(P < /) (P < / P < /)

:

(PCOS)

()

IVM

(In Vitro Maturation IVM)

Enzman Pincus

(Germinal Vesicle GV)

(GVBD) Germinal Vesicle Breakdown

Large offspring syndrome

()

()

(Assisted ART Reproductive Technology)

IVM

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IVM

()

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()

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IVM

GV

In vitro

()

II

()

IVF IVF-ET

GnRH-a HCG (MEM- α)

NMRI

()

$\times g$

($^{\circ}C$)

() IVF-ET

CO₂ mg/ml MEM- α (sigma) :

(sigma) rFSH mg/ml FCS(sigma) 20%

. HCG(sigma) mg/ml

GV (. Heated Human Follicular Fluid 100%) %

GVBD MEM- α (sigma) :

mg rFSH(sigma) mg/ml hHFF20%

MII . HCG(sigma)

IVF (*in vitro fertilization*)

MII (P < /) . I
 % / % /
 (P < /) NMARI . II
 hHFF 100%
 (P < /) /
 (P < /) ° C
 MII Two Cell . III
 % / hHFF 100% (× ml)
 % hHFF 20% . IV
 % / MEM- α . V
 (P < /) . IVF
 (P < /)
 ()

Two cell (%)	MII (%)	GVBD (%)	GV (%)	
c	a		a	FCS 20% MEM- α (N =)
(/)	(/)	(/)	(/)	
				hHFF%100 (N =)
(/)	(/)	(/)	(/)	
d	b		b	MEM- α ,hHFF20% (N =)
(/)	()	(/)	(/)	
P < /	P < /	P < /	P < /	

GV:Germinal vesicle
 GVBD: Germinal vesicle break down
 MII:Metaphase 2
 hHFF :Heated Human Follicular Fluid
 a: (P < /)
 b: (P < /)
 c: (P < /)
 d: (P < /)

MEM- α
 hHFF 100%
 hHFF 20%
 GV
 hHFF 100% % / MEM- α
 % / hHFF 20% % /
 (P < /)
 (P < /)
 GVBD

(Heat treatment) IVF
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Co Culture

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