

// ()
// , ,

MEM-α

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NMARI :

MEM-α, hCG, rFSH, % FCS

rFSH hCG MEM-α % hHFF

% hHFF

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

(P< /) (P< /)

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

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

:

(PCOS)

()
IVM

(In Vitro Maturation IVM)
Enzman Pincus

(Germinal Vesicle GV)
(GVBD) Germinal Vesicle Breakdown

Large offspring syndrome

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(Assisted ART Reproductive Technology)
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IVM
IVM

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()

(-)

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IVM

GV

In vitro

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II

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$$_i (\quad)$$
(MEM- α)

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2

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. HCG(sigma) mg/ml

(Heated Human Follicular Fluid 100%) %

 $\cdot \text{HCG}(\text{sigma})$

•

•

MEM-α				/
MII	(P< /)			. I
%	% /	% /		
	(P< /)	NMARI		. II
hHFF 100%				
(P< /)	/			° C
(P< /)				.
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%	% /	MEM-α		
% /	hHFF 20%	% /		
		(P< /)		
(P< /)				
GVBD				

(Heat treatment) IVF
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%

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Co Culture

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