



กรมสนับสนุนบริการสุขภาพ  
Department of Health Service Support

รายงานสรุปข้อมูลการให้บริการเทคโนโลยีช่วยการเจริญพันธุ์ทางการแพทย์ ประจำปี ๒๕๖๔  
(National Summary Report)

กองสถานพยาบาลและการประกอบโรคศิลปะ  
กรมสนับสนุนบริการสุขภาพ

ART CYCLE PROFILE

Type of ART and Procedural Factors	Initiate	Aspirate	Transfer		ART success rate/Transfer (%)	
			Fresh	Frozen	Fresh	Frozen
IVF	173	159	47	192	34.04%	43.23%
ICSI	10961	10809	930	10153	30.32%	46.48%
GIFT	0	0	0		0.00%	
Donor Oocyte/ Recipient	318	307	388			
Total case	11452	11275	11710		30.50%	46.42%
ART SUCCESS RATES						
Type of Cycle	Age of Woman				Total	
	≤ 29	30-34	35-39	≥ 40		
<b>Fresh Embryo From Nondonor Eggs</b>						
Number of initiated Cycle	535	2189	4684	3726	11134	
Number of aspiration Cycle	532	2182	4633	3621	10968	
Number of transfer	43	179	393	362	977	
Average number of embryos transferred	1.42	1.48	1.54	1.50	1.51	
Percentage of transfers resulting in singleton live birth (%)	39.53%	24.02%	17.56%	12.15%	17.71%	
Percentage of transfers resulting in live birth (%)	51.16%	26.82%	19.08%	13.26%	19.75%	
Percentage of transfers resulting in pregnancies (%)	60.47%	43.02%	29.52%	21.82%	30.50%	
<b>Frozen Embryo from Nondonor Eggs</b>						
Number of initiated Cycle	669	2495	4641	2772	10577	
Number of aspiration Cycle	616	2359	4353	2591	9919	
Number of transfer	683	2573	4596	2493	10345	
Average number of embryos transferred	1.51	1.52	1.44	1.52	1.48	
Percentage of transfers resulting in singleton live birth (%)	34.26%	35.87%	33.07%	20.90%	30.91%	
Percentage of transfers resulting in live birth (%)	45.83%	44.27%	37.21%	23.99%	36.35%	
Percentage of transfers resulting in pregnancies (%)	59.44%	54.92%	47.32%	32.41%	46.42%	
<b>Number of Donor Egg/Recipient Cycles</b>						
<b>Donor Egg</b>						
Number of initiated Cycle	193	63	34	28	318	
Number of aspiration Cycle	177	62	31	37	307	
<b>Recipient</b>						
	Age of Woman				Total	
	≤ 29	30-39	40-49	≥ 50		
Number of transfer	3	84	285	16	388	
Average number of embryos transferred	1.33	1.48	1.44	1.63	1.45	
Percentage of transfers resulting in singleton live birth (%)	33.33%	22.62%	29.47%	37.50%	28.35%	
Percentage of transfers resulting in live birth (%)	33.33%	33.33%	37.19%	50.00%	36.86%	
Percentage of transfers resulting in pregnancies (%)	66.67%	46.43%	48.77%	56.25%	48.71%	



กรมสนับสนุนบริการสุขภาพ  
Department of Health Service Support

รายงานสรุปข้อมูลการให้บริการเทคโนโลยีช่วยการเจริญพันธุ์ทางการแพทย์ ประจำปี ๒๕๖๔  
(National Summary Report)

กองสถานพยาบาลและการประกอบโรคศิลปะ  
กรมสนับสนุนบริการสุขภาพ

Indications for Aspiration Cycles, Excluding FET and Oocyte Donation	IVF	ICSI	GIFT	Oocyte donor
Tubal, only	45	430	0	
Endometriosis, only	29	848	0	
Ovulation disorder, only	18	1759	0	
Other female factor, only	12	1589	0	
Male factor only	0	1250	0	
Multifactor (Both male and female)	6	392	0	
Infertility of unknown origin	69	2333	0	
Pre-implantation genetic diagnosis	0	789	0	
Other factors	3	724	0	
<b>Complications</b>				
OHSS	2	62	0	4
Complications of oocyte retrieval total	0	10	0	0
Bleeding	0	8	0	0
Infection	0	0	0	0
Maternal death relate to ART	0	0	0	0
Other	0	5	0	0
<b>Number of congenital abnormalities</b>				
<b>Gestational Age in Relation to Treatment and Pregnancies, at Birth &lt; 37 week (%)</b>	<b>Singleton</b>	<b>Twins</b>	<b>Triplets</b>	<b>Quadruplet or higher</b>
Standard IVF	0.00 %	0 %	0 %	0 %
ICSI	29.93 %	36.36 %	0 %	0 %
Frozen embryo transfer after IVF	0 %	0 %	0 %	0 %
Frozen embryo transfer after ICSI	11.66 %	51.22 %	100.00 %	0 %
Oocyte donation	9.40 %	39.39 %	0 %	0.00 %
GIFT	0 %	0 %	0 %	0 %
Total	12.27 %	49.64 %	100.00 %	0.00 %