



กรมสนับสนุนบริการสุขภาพ  
Department of Health Service Support

รายงานสรุปข้อมูลการให้บริการเทคโนโลยีช่วยการเจริญพันธุ์ทางการแพทย์ ประจำปี ๒๕๖๖  
(National Summary Report)

กองสถานพยาบาลและการประกอบโรคศิลปะ  
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ART CYCLE PROFILE

Type of ART and Procedural Factors	Initiate	Aspirate	Transfer		ART success rate/Transfer (%)	
			Fresh	Frozen	Fresh	Frozen
IVF	156	149	23	119	56.52%	51.26%
ICSI	17594	17453	861	15794	33.10%	52.01%
GIFT	0	0	0		0.00%	
Donor Oocyte/ Recipient	439	490	577			
Total case	18189	18092	17374		33.71%	52.00%
<b>ART SUCCESS RATES</b>						
Type of Cycle	Age of Woman				Total	
	≤ 29	30-34	35-39	≥ 40		
<b>Fresh Embryo From Nondonor Eggs</b>						
Number of initiated Cycle	1157	4052	6776	5765	17750	
Number of aspiration Cycle	1146	4021	6728	5707	17602	
Number of transfer	32	170	303	379	884	
Average number of embryos transferred	1.28	1.43	1.38	1.45	1.42	
Percentage of transfers resulting in singleton live birth (%)	40.63%	34.12%	28.05%	16.09%	24.55%	
Percentage of transfers resulting in live birth (%)	46.88%	37.06%	30.36%	16.89%	26.47%	
Percentage of transfers resulting in pregnancies (%)	59.38%	49.41%	36.63%	22.16%	33.71%	
<b>Frozen Embryo from Nondonor Eggs</b>						
Number of initiated Cycle	1036	4228	6595	5562	17421	
Number of aspiration Cycle	994	4166	6617	4058	15835	
Number of transfer	1003	4337	6649	3924	15913	
Average number of embryos transferred	1.46	1.36	1.29	1.37	1.34	
Percentage of transfers resulting in singleton live birth (%)	35.19%	38.30%	36.79%	24.11%	33.97%	
Percentage of transfers resulting in live birth (%)	45.66%	45.01%	40.64%	26.33%	38.62%	
Percentage of transfers resulting in pregnancies (%)	63.81%	59.37%	53.17%	38.86%	52.00%	
<b>Number of Donor Egg/Recipient Cycles</b>						
<b>Donor Egg</b>						
Number of initiated Cycle	241	113	63	22	439	
Number of aspiration Cycle	260	122	66	42	490	
<b>Recipient</b>						
	Age of Woman				Total	
	≤ 29	30-39	40-49	≥ 50		
Number of transfer	27	133	381	36	577	
Average number of embryos transferred	1.44	1.33	1.32	1.17	1.32	
Percentage of transfers resulting in singleton live birth (%)	67.96%	41.35%	36.75%	52.78%	40.03%	
Percentage of transfers resulting in live birth (%)	77.78%	48.87%	42.78%	52.78%	46.45%	
Percentage of transfers resulting in pregnancies (%)	81.48%	57.14%	55.12%	69.44%	57.71%	



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Indications for Aspiration Cycles, Excluding FET and Oocyte Donation	IVF	ICSI	GIFT	Oocyte donor
Tubal, only	23	722	0	
Endometriosis, only	39	1461	0	
Ovulation disorder, only	27	2658	0	
Other female factor, only	18	2484	0	
Male factor only	2	1814	0	
Multifactor (Both male and female)	6	759	0	
Infertility of unknown origin	73	4120	0	
Pre-implantation genetic diagnosis	1	928	0	
Other factors	31	1977	0	
<b>Complications</b>				
OHSS	2	59	0	5
Complications of oocyte retrieval total	0	0	0	0
Bleeding	0	16	0	0
Infection	0	2	0	0
Maternal death relate to ART	0	0	0	0
Other	0	3	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	5.20 %	30.00 %	100.00 %	0 %
Frozen embryo transfer after IVF	0 %	0 %	0 %	0 %
Frozen embryo transfer after ICSI	11.81 %	42.17 %	77.78 %	0 %
Oocyte donation	5.75 %	48.39 %	0 %	0.00 %
GIFT	50.00 %	0 %	0 %	0 %
Total	10.71 %	41.45 %	81.82 %	0.00 %