



กรมสนับสนุนบริการสุขภาพ
Department of Health Service Support

รายงานสรุปข้อมูลการให้บริการเทคโนโลยีช่วยการเจริญพันธุ์ทางการแพทย์ ประจำปี ๒๕๖๒
(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	168	164	79	223	26.58%	43.95%
ICSI	15663	18111	2019	15374	26.94%	45.22%
GIFT	0	0	0		0.00%	
Donor Oocyte/ Recipient	403	404	470			
Total case	16234	18679	18165		26.93%	45.20%
ART SUCCESS RATES						
Type of Cycle	Age of Woman				Total	
	≤ 29	30-34	35-39	≥ 40		
Fresh Embryo From Nondonor Eggs						
Number of initiated Cycle	1724	4290	5937	3880	15831	
Number of aspiration Cycle	1795	4750	6941	4789	18275	
Number of transfer	124	461	861	652	2098	
Average number of embryos transferred	1.68	1.67	1.75	1.79	1.74	
Percentage of transfers resulting in singleton live birth (%)	27.42%	19.74%	13.47%	8.44%	14.11%	
Percentage of transfers resulting in live birth (%)	32.26%	22.13%	15.68%	9.66%	16.21%	
Percentage of transfers resulting in pregnancies (%)	43.55%	35.57%	26.71%	17.94%	26.93%	
Frozen Embryo from Nondonor Eggs						
Number of initiated Cycle	1584	4798	6306	3141	15829	
Number of aspiration Cycle	1358	3708	4546	2142	11754	
Number of transfer	1567	4671	6314	3045	15597	
Average number of embryos transferred	1.59	1.55	1.56	1.63	1.58	
Percentage of transfers resulting in singleton live birth (%)	36.12%	31.49%	27.76%	16.03%	27.43%	
Percentage of transfers resulting in live birth (%)	45.95%	37.83%	31.77%	18.10%	32.34%	
Percentage of transfers resulting in pregnancies (%)	59.29%	52.37%	44.33%	28.77%	45.20%	
Number of Donor Egg/Recipient Cycles						
Donor Egg						
Number of initiated Cycle	297	78	22	6	403	
Number of aspiration Cycle	291	78	26	9	404	
Recipient						
	Age of Woman				Total	
	≤ 29	30-39	40-49	≥ 50		
Number of transfer	5	131	313	21	470	
Average number of embryos transferred	1.60	1.60	1.63	1.48	1.61	
Percentage of transfers resulting in singleton live birth (%)	40.00%	34.35%	27.48%	42.86%	30.21%	
Percentage of transfers resulting in live birth (%)	40.00%	41.22%	35.14%	47.62%	37.45%	
Percentage of transfers resulting in pregnancies (%)	60.00%	48.85%	44.73%	61.90%	46.81%	



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Indications for Aspiration Cycles, Excluding FET and Oocyte Donation	IVF	ICSI	GIFT	Oocyte donor
Tubal, only	50	824	0	
Endometriosis, only	16	1456	0	
Ovulation disorder, only	16	2490	0	
Other female factor, only	18	2370	0	
Male factor only	6	2739	0	
Multifactor (Both male and female)	4	803	0	
Infertility of unknown origin	77	3514	0	
Pre-implantation genetic diagnosis	0	1076	0	
Other factors	4	1238	0	
Complications				
OHSS	4	61	0	1
Complications of oocyte retrieval total	0	7	0	0
Bleeding	0	8	0	0
Infection	0	0	0	0
Maternal death relate to ART	0	0	0	0
Other	0	3	0	0
Number of congenital abnormalities				
Gestational Age in Relation to Treatment and Pregnancies, at Birth < 37 week (%)				
	Singleton	Twins	Triplets	Quadruplet or higher
Standard IVF	0.00 %	100.00 %	0 %	0 %
ICSI	29.08 %	42.50 %	0.00 %	0 %
Frozen embryo transfer after IVF	0 %	0 %	0 %	0 %
Frozen embryo transfer after ICSI	14.90 %	41.93 %	81.25 %	0 %
Oocyte donation	10.07 %	33.33 %	0 %	0.56 %
GIFT	0 %	0 %	0 %	0 %
Total	15.47 %	41.45 %	76.47 %	0.56 %