



กรมสนับสนุนบริการสุขภาพ
Department of Health Service Support

รายงานสรุปข้อมูลการให้บริการเทคโนโลยีช่วยการเจริญพันธุ์ทางการแพทย์ ประจำปี ๒๕๖๓
(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	313	306	56	186	30.36%	43.01%
ICSI	11921	11806	1324	11348	26.36%	44.92%
GIFT	0	0	0		0.00%	
Donor Oocyte/ Recipient	314	295	371			
Total case	12548	12407	13285		26.52%	44.89%
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	770	2795	4813	3856	12234	
Number of aspiration Cycle	773	2794	4784	3761	12112	
Number of transfer	53	267	522	538	1380	
Average number of embryos transferred	1.45	1.58	1.66	1.62	1.62	
Percentage of transfers resulting in singleton live birth (%)	33.96%	21.72%	16.09%	10.59%	15.72%	
Percentage of transfers resulting in live birth (%)	37.74%	25.09%	19.16%	11.90%	18.19%	
Percentage of transfers resulting in pregnancies (%)	50.94%	36.33%	28.16%	17.66%	26.52%	
Frozen Embryo from Nondonor Eggs						
Number of initiated Cycle	787	3161	4768	2790	11506	
Number of aspiration Cycle	761	2962	4355	2514	10592	
Number of transfer	821	3214	4832	2667	11534	
Average number of embryos transferred	1.58	1.56	1.52	1.57	1.55	
Percentage of transfers resulting in singleton live birth (%)	33.62%	32.36%	31.31%	18.67%	28.85%	
Percentage of transfers resulting in live birth (%)	44.34%	40.70%	35.53%	20.81%	34.19%	
Percentage of transfers resulting in pregnancies (%)	58.95%	51.99%	45.86%	30.26%	44.89%	
Number of Donor Egg/Recipient Cycles						
Donor Egg						
Number of initiated Cycle	191	86	24	13	314	
Number of aspiration Cycle	165	85	25	20	295	
Recipient						
	Age of Woman				Total	
	≤ 29	30-39	40-49	≥ 50		
Number of transfer	14	57	286	14	371	
Average number of embryos transferred	1.64	1.44	1.62	1.50	1.59	
Percentage of transfers resulting in singleton live birth (%)	28.57%	28.07%	32.87%	21.43%	31.54%	
Percentage of transfers resulting in live birth (%)	35.71%	33.33%	38.11%	28.57%	36.93%	
Percentage of transfers resulting in pregnancies (%)	42.86%	43.86%	46.50%	64.29%	46.63%	



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Indications for Aspiration Cycles, Excluding FET and Oocyte Donation	IVF	ICSI	GIFT	Oocyte donor
Tubal, only	52	550	0	
Endometriosis, only	14	849	0	
Ovulation disorder, only	32	1727	0	
Other female factor, only	8	1780	0	
Male factor only	1	1640	0	
Multifactor (Both male and female)	8	412	0	
Infertility of unknown origin	89	2361	0	
Pre-implantation genetic diagnosis	0	690	0	
Other factors	3	880	0	
Complications				
OHSS	1	58	0	3
Complications of oocyte retrieval total	0	4	0	0
Bleeding	0	14	0	0
Infection	0	0	0	0
Maternal death relate to ART	0	0	0	0
Other	0	0	0	0
Number of congenital abnormalities				
Gestational Age in Relation to Treatment and Pregnancies, at Birth < 37 week (%)				
Standard IVF	12.50 %	0 %	0 %	0 %
ICSI	17.35 %	54.55 %	50.00 %	0 %
Frozen embryo transfer after IVF	0 %	0 %	0 %	0 %
Frozen embryo transfer after ICSI	12.52 %	47.37 %	78.57 %	0 %
Oocyte donation	6.21 %	40.00 %	0 %	0.00 %
GIFT	0 %	0 %	0 %	0 %
Total	12.49 %	47.33 %	75.00 %	0.00 %