

Table 1

Number of Gametes and Embryos Stored by RT Centres in 2012

Storage	as at 31 December 2012
Embryos	19914
Eggs (oocytes)	136
Semen Samples	3200

Table 2

Number and Ages of Gamete Donors in 2012

(Based on the information on Data Collection Forms received from licensed centre up to 31 December 2012)

Age Group	Female Donors	%	Male Donors	%	Total
18-20	4	10.5%	0	0.0%	4
21-25	13	34.2%	5	20.0%	18
26-30	12	31.6%	3	12.0%	15
31-35	7	18.4%	9	36.0%	16
36-40	1	2.6%	5	20.0%	6
41-45	1	2.6%	3	12.0%	4
46-50	0	0.0%	0	0.0%	0
51-55	0	0.0%	0	0.0%	0
56 or above	0	0.0%	0	0.0%	0
Total no. of donors:	38	100.0%	25	100.0%	63

Remark:

The number of donors referring to the number of donors whose donated gametes were used in 2012.

Table 3

Number and Ages of Embryo Donors in 2012

(Based on the information on Data Collection Forms received from licensed centre up to 31 December 2012)

Age Group	Female Donors	%	Male Donors	%	Total
18-20	0	0.0%	0	0.0%	0
21-25	0	0.0%	0	0.0%	0
26-30	0	0.0%	0	0.0%	0
31-35	0	0.0%	0	0.0%	0
36-40	0	0.0%	0	0.0%	0
41-45	1	100.0%	1	100.0%	2
46-50	0	0.0%	0	0.0%	0
51-55	0	0.0%	0	0.0%	0
Total no. of donors:	1	100.0%	1	100.0%	2

Remark:

Both female and male donors will be counted for embryo donation.

Table 4

Number of Gametes and Embryos Donation Made in 2012

Donated Material	Number of Donors	Number of Donations Made
Semen	15	26
Eggs (oocytes)	29	29
Embryos	2	2

Remark:

The number of donors referring to the number of donors who made donation in 2012.

Table 5**Live Birth Outcome Using DI in 2012**

(Based on the information on Data Collection Forms received from licensed centre up to 31 December 2012)

Number of DI Patients	6
Number of DI Treatment Cycles	11
Clinical Pregnancies	0
Clinical Pregnancy Rate	0.0%
Ongoing Pregnancy	0
Ongoing Pregnancy Rate	0.0%
Total DI Live Birth	0
DI Live Birth Rate	0.0%
DI Singleton Birth	0
DI Twin Birth	0
DI Triple and Higher Order Birth	0
Multiple DI Live Birth Rate	0.0%
Total Number of Babies Born	0

Table 6**Live Birth Outcome Using Donated Gametes and Embryos in 2012 (RT procedures other than DI)**

(Based on the information on Data Collection Forms received from licensed centre up to 31 December 2012)

	Donated Sperm	Donated Eggs (oocytes)	Donated Embryos	Total
Number of Patients	20	37	1	58
Number of Treatment Cycles	29	45	1	75
Embryo Transfers	29	45	1	75
Clinical Pregnancies	11	24	0	35
Clinical Pregnancy Rate	37.9%	53.3%	0.0%	46.7%
Ongoing Pregnancy	10	23	0	33
Ongoing Pregnancy Rate	34.5%	51.1%	0.0%	44.0%
Total Live Births	8	17	0	25
Live Birth Rate	27.6%	37.8%	0.0%	33.3%
Singleton Birth	5	8	0	13
Twin Birth	3	9	0	12
Triple and Higher Order Birth	0	0	0	0
Multiple Live Birth Rate	10.3%	20.0%	0.0%	16.0%
Total Number of Babies Born	11	26	0	37

Remarks:

RT Procedures include: IVF, IVF/ ICSI, GIFT, ZIFT, MIFT and PROST.

Table 7

Types of RT Procedures in 2012

(Based on the information on Data Collection Forms received from licensed centre up to 31 December 2012)

Types of RT Procedures	No. of Patients	No. of Treatment Cycles
IVF-ET	832	890
IVF+ICSI	3547	4299
GIFT	1	1
ZIFT/PROST	0	0
Frozen-thawed ET	2703	3562
AIH	3739	5316
Others	99	114
Total:	10921	14182

Remarks:

(1) "Others" include 4 cycles of oocyte freezing (involving 4 patients), 99 failed cycles (involving 89 patients and 1 patient who also involved in oocyte freezing) at the time of oocyte retrieval or at the time of surgical sperm retrieval by MESA/TESA/TESE and 11 cycles (involving 6 patients) of donor insemination.

(2) Among 14182 treatment cycles, 658 cycles involved other types of micromanipulation such as assisted hatching, in vitro maturation of eggs, PGD, MESA, TESA or TESE.

Table 8**Analysis of Live Birth Rates among Women by Different Age Group in IVF Cycles in 2012 (with or without ICSI)***(Based on the information on Data Collection Forms received from licensed centre up to 31 December 2012)*

Age	IVF- with ICSI					Age	IVF- without ICSI				
	Treatment Cycles	Ongoing Pregnancy	Ongoing Pregnancy Rate	Live Births	Live Birth Rate		Treatment Cycles	Ongoing Pregnancy	Ongoing Pregnancy Rate	Live Births	Live Birth Rate
18-20	0	N/A	N/A	N/A	N/A	18-20	0	N/A	N/A	N/A	N/A
21-25	54	18	33.3%	15	27.8%	21-25	2	1	50.0%	1	50.0%
26-30	336	113	33.6%	88	26.2%	26-30	59	18	30.5%	15	25.4%
31-35	1074	330	30.7%	277	25.8%	31-35	329	118	35.9%	103	31.3%
36-40	1741	417	24.0%	321	18.4%	36-40	436	106	24.3%	85	19.5%
41-45	976	98	10.0%	54	5.5%	41-45	64	10	15.6%	5	7.8%
46-50	113	1	0.9%	1	0.9%	46-50	0	N/A	N/A	N/A	N/A
51-55	5	0	0.0%	N/A	N/A	51-55	0	N/A	N/A	N/A	N/A
56 and above	0	N/A	N/A	N/A	N/A	56 and above	0	N/A	N/A	N/A	N/A
Total:	4299	977	22.7%	756	17.6%	Total:	890	253	28.4%	209	23.5%

Age	IVF- all cycles				
	Treatment Cycles	Ongoing Pregnancy	Ongoing Pregnancy Rate	Live Births	Live Birth Rate
18-20	0	N/A	N/A	N/A	N/A
21-25	56	19	33.9%	16	28.6%
26-30	395	131	33.2%	103	26.1%
31-35	1403	448	31.9%	380	27.1%
36-40	2177	523	24.0%	406	18.6%
41-45	1040	108	10.4%	59	5.7%
46-50	113	1	0.9%	1	0.9%
51-55	5	0	0.0%	N/A	N/A
56 and above	0	N/A	N/A	N/A	N/A
Total:	5189	1230	23.7%	965	18.6%

Remark:

The age of wife has been used in calculating the age of patient.

Table 9**Analysis of Live Birth Rates among Women by Different Age Group in Different Type of RT Procedures in 2012***(Based on the information on Data Collection Forms received from licensed centre up to 31 December 2012)*

Age	IVF- ET					Age	GIFT				
	Treatment Cycles	Ongoing Pregnancy	Ongoing Pregnancy Rate	Live Births	Live Birth Rate		Treatment Cycles	Ongoing Pregnancy	Ongoing Pregnancy Rate	Live Births	Live Birth Rate
18-20	0	N/A	N/A	N/A	N/A	18-20	0	N/A	N/A	N/A	N/A
21-25	2	1	50.0%	1	50.0%	21-25	0	N/A	N/A	N/A	N/A
26-30	59	18	30.5%	15	25.4%	26-30	0	N/A	N/A	N/A	N/A
31-35	329	118	35.9%	103	31.3%	31-35	1	1	100.0%	1	100.0%
36-40	436	106	24.3%	85	19.5%	36-40	0	N/A	N/A	N/A	N/A
41-45	64	10	15.6%	5	7.8%	41-45	0	N/A	N/A	N/A	N/A
46-50	0	N/A	N/A	N/A	N/A	46-50	0	N/A	N/A	N/A	N/A
51-55	0	N/A	N/A	N/A	N/A	51-55	0	N/A	N/A	N/A	N/A
56 and above	0	N/A	N/A	N/A	N/A	56 and above	0	N/A	N/A	N/A	N/A
Total:	890	253	28.4%	209	23.5%	Total:	1	1	100.0%	1	100.0%

Age	ZIFT/PROST					Age	AIH-IUI				
	Treatment Cycles	Ongoing Pregnancy	Ongoing Pregnancy Rate	Live Births	Live Birth Rate		Treatment Cycles	Ongoing Pregnancy	Ongoing Pregnancy Rate	Live Births	Live Birth Rate
18-20	0	N/A	N/A	N/A	N/A	18-20	0	N/A	N/A	N/A	N/A
21-25	0	N/A	N/A	N/A	N/A	21-25	44	6	13.6%	3	6.8%
26-30	0	N/A	N/A	N/A	N/A	26-30	545	76	13.9%	60	11.0%
31-35	0	N/A	N/A	N/A	N/A	31-35	2132	276	12.9%	210	9.8%
36-40	0	N/A	N/A	N/A	N/A	36-40	1976	174	8.8%	137	6.9%
41-45	0	N/A	N/A	N/A	N/A	41-45	566	25	4.4%	16	2.8%
46-50	0	N/A	N/A	N/A	N/A	46-50	43	0	0.0%	N/A	N/A
51-55	0	N/A	N/A	N/A	N/A	51-55	3	0	0.0%	N/A	N/A
56 and above	0	N/A	N/A	N/A	N/A	56 and above	0	N/A	N/A	N/A	N/A
Total:	0	N/A	N/A	N/A	N/A	Total:	5309	557	10.5%	426	8.0%

Remark:

The age of wife has been used in calculating the age of patient.

Table 10

Analysis on Effect of One Embryo Transferred (Fresh/Frozen Cycle) on Live Birth Rate and Multiple Pregnancy Rate in IVF and IVF + ICSI cycles in 2012

(Based on the information on Data Collection Forms received from licensed centre up to 31 December 2012)

Age	No. of Patients	Treatment Cycles	Ongoing Pregnancy	Ongoing Pregnancy Rate	Live Births	Live Birth Rate	Ongoing Multiple Pregnancy	Ongoing Multiple Pregnancy Rate	Multiple Births	Multiple Live Birth Rate	Twin Live Births	Twin Live Birth Rate	Triple and Above Live Births	Triple and Above Live Birth Rate	No. of Babies
18-20	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0
21-25	14	15	9	60.0%	8	53.3%	0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A	8
26-30	122	136	54	39.7%	44	32.4%	3	2.2%	3	2.2%	3	2.2%	0	0.0%	47
31-35	351	398	114	28.6%	94	23.6%	1	0.3%	1	0.3%	1	0.3%	0	0.0%	95
36-40	454	504	95	18.8%	68	13.5%	4	0.8%	3	0.6%	3	0.6%	0	0.0%	71
41-45	197	207	16	7.7%	11	5.3%	1	0.5%	1	0.5%	1	0.5%	0	0.0%	12
46-50	13	15	1	6.7%	1	6.7%	0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A	1
51-55	2	2	0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0
56 and above	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0
Total:	1153	1277	289	22.6%	226	17.7%	9	0.7%	8	0.6%	8	0.6%	0	0.0%	234

Analysis on Effect of Two Embryos Transferred (Fresh/Frozen Cycle) on Live Birth Rate and Multiple Pregnancy Rate in IVF and IVF + ICSI cycles in 2012

(Based on the information on Data Collection Forms received from licensed centre up to 31 December 2012)

Age	No. of Patients	Treatment Cycles	Ongoing Pregnancy	Ongoing Pregnancy Rate	Live Births	Live Birth Rate	Ongoing Multiple Pregnancy	Ongoing Multiple Pregnancy Rate	Multiple Births	Multiple Live Birth Rate	Twin Live Births	Twin Live Birth Rate	Triple and Above Live Births	Triple and Above Live Birth Rate	No. of Babies
18-20	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0
21-25	46	63	25	39.7%	21	33.3%	12	19.0%	10	15.9%	10	15.9%	0	0.0%	31
26-30	298	376	166	44.1%	138	36.7%	42	11.2%	34	9.0%	33	8.8%	1	0.3%	173
31-35	1162	1518	586	38.6%	501	33.0%	144	9.5%	127	8.4%	125	8.2%	2	0.1%	630
36-40	1511	1952	578	29.6%	470	24.1%	122	6.3%	92	4.7%	85	4.4%	7	0.4%	569
41-45	489	598	79	13.2%	53	8.9%	13	2.2%	7	1.2%	7	1.2%	0	0.0%	60
46-50	28	36	4	11.1%	2	5.6%	1	2.8%	1	2.8%	1	2.8%	0	0.0%	3
51-55	1	1	0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0
56 and above	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0
Total:	3535	4544	1438	31.6%	1185	26.1%	334	7.4%	271	6.0%	261	5.7%	10	0.2%	1466

Analysis on Effect of Three Embryos Transferred (Fresh/Frozen Cycle) on Live Birth Rate and Multiple Pregnancy Rate in IVF and IVF + ICSI cycles in 2012

(Based on the information on Data Collection Forms received from licensed centre up to 31 December 2012)

Age	No. of Patients	Treatment Cycles	Ongoing Pregnancy	Ongoing Pregnancy Rate	Live Births	Live Birth Rate	Ongoing Multiple Pregnancy	Ongoing Multiple Pregnancy Rate	Multiple Births	Multiple Live Birth Rate	Twin Live Births	Twin Live Birth Rate	Triple and Above Live Births	Triple and Above Live Birth Rate	No. of Babies
18-20	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0
21-25	2	3	2	66.7%	2	66.7%	1	33.3%	1	33.3%	1	33.3%	0	0.0%	3
26-30	43	48	13	27.1%	13	27.1%	5	10.4%	4	8.3%	4	8.3%	0	0.0%	17
31-35	240	271	96	35.4%	82	30.3%	24	8.9%	20	7.4%	18	6.6%	2	0.7%	104
36-40	618	724	235	32.5%	180	24.9%	51	7.0%	40	5.5%	40	5.5%	0	0.0%	220
41-45	354	429	81	18.9%	41	9.6%	8	1.9%	4	0.9%	4	0.9%	0	0.0%	45
46-50	24	34	1	2.9%	1	2.9%	1	2.9%	1	2.9%	1	2.9%	0	0.0%	2
51-55	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0
56 and above	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0
Total:	1281	1509	428	28.4%	319	21.1%	90	6.0%	70	4.6%	68	4.5%	2	0.1%	391

Analysis on Effect of Four or More Embryos Transferred (Fresh/Frozen Cycle) on Live Birth Rate and Multiple Pregnancy Rate in IVF and IVF + ICSI cycles in 2012

(Based on the information on Data Collection Forms received from licensed centre up to 31 December 2012)

Age	No. of Patients	Treatment Cycles	Ongoing Pregnancy	Ongoing Pregnancy Rate	Live Births	Live Birth Rate	Ongoing Multiple Pregnancy	Ongoing Multiple Pregnancy Rate	Multiple Births	Multiple Live Birth Rate	Twin Live Births	Twin Live Birth Rate	Triple and Above Live Births	Triple and Above Live Birth Rate	No. of Babies
18-20	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0
21-25	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0
26-30	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0
31-35	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0
36-40	19	21	5	23.8%	5	23.8%	2	9.5%	1	4.8%	1	4.8%	0	0.0%	6
41-45	34	45	11	24.4%	9	20.0%	2	4.4%	0	0.0%	N/A	N/A	N/A	N/A	9
46-50	3	5	0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0
51-55	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0
56 and above	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0
Total:	56	71	16	22.5%	14	19.7%	4	5.6%	1	1.4%	1	1.4%	0	0.0%	15

Remarks:

- (1) Cases reported include all cycles of IVF, IVF+ICSI and Frozen-thawed ET.
- (2) The age of wife has been used in calculating the age of patient.

Table 11

Analysis on Effect of One Embryo Transferred (Fresh Cycle) on Live Birth Rate and Multiple Pregnancy Rate in IVF and IVF + ICSI cycles in 2012

(Based on the information on Data Collection Forms received from licensed centre up to 31 December 2012)

Age	No. of Patients	Treatment Cycles	Ongoing Pregnancy	Ongoing Pregnancy Rate	Live Births	Live Birth Rate	Ongoing Multiple Pregnancy	Ongoing Multiple Pregnancy Rate	Multiple Births	Multiple Live Birth Rate	Twin Live Births	Twin Live Birth Rate	Triple and Above Live Births	Triple and Above Live Birth Rate	No. of Babies
18-20	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0
21-25	7	7	5	71.4%	4	57.1%	0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A	4
26-30	78	78	38	48.7%	29	37.2%	2	2.6%	2	2.6%	2	2.6%	0	0.0%	31
31-35	210	216	65	30.1%	50	23.1%	1	0.5%	1	0.5%	1	0.5%	0	0.0%	51
36-40	230	238	40	16.8%	27	11.3%	2	0.8%	2	0.8%	2	0.8%	0	0.0%	29
41-45	120	133	7	5.3%	4	3.0%	0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A	4
46-50	10	11	0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0
51-55	1	1	0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0
56 and above	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0
Total:	656	684	155	22.7%	114	16.7%	5	0.7%	5	0.7%	5	0.7%	0	0.0%	119

Analysis on Effect of Two Embryos Transferred (Fresh Cycle) on Live Birth Rate and Multiple Pregnancy Rate in IVF and IVF + ICSI cycles in 2012

(Based on the information on Data Collection Forms received from licensed centre up to 31 December 2012)

Age	No. of Patients	Treatment Cycles	Ongoing Pregnancy	Ongoing Pregnancy Rate	Live Births	Live Birth Rate	Ongoing Multiple Pregnancy	Ongoing Multiple Pregnancy Rate	Multiple Births	Multiple Live Birth Rate	Twin Live Births	Twin Live Birth Rate	Triple and Above Live Births	Triple and Above Live Birth Rate	No. of Babies
18-20	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0
21-25	32	33	13	39.4%	11	33.3%	5	15.2%	4	12.1%	4	12.1%	0	0.0%	15
26-30	183	191	88	46.1%	70	36.6%	18	9.4%	14	7.3%	14	7.3%	0	0.0%	84
31-35	746	779	330	42.4%	285	36.6%	71	9.1%	64	8.2%	64	8.2%	0	0.0%	349
36-40	1021	1081	339	31.4%	270	25.0%	82	7.6%	66	6.1%	63	5.8%	3	0.3%	339
41-45	318	344	53	15.4%	33	9.6%	9	2.6%	5	1.5%	5	1.5%	0	0.0%	38
46-50	14	18	0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0
51-55	1	1	0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0
56 and above	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0
Total:	2315	2447	823	33.6%	669	27.3%	185	7.6%	153	6.3%	150	6.1%	3	0.1%	825

Analysis on Effect of Three Embryos Transferred (Fresh Cycle) on Live Birth Rate and Multiple Pregnancy Rate in IVF and IVF + ICSI cycles in 2012

(Based on the information on Data Collection Forms received from licensed centre up to 31 December 2012)

Age	No. of Patients	Treatment Cycles	Ongoing Pregnancy	Ongoing Pregnancy Rate	Live Births	Live Birth Rate	Ongoing Multiple Pregnancy	Ongoing Multiple Pregnancy Rate	Multiple Births	Multiple Live Birth Rate	Twin Live Births	Twin Live Birth Rate	Triple and Above Live Births	Triple and Above Live Birth Rate	No. of Babies
18-20	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0
21-25	2	2	1	50.0%	1	50.0%	1	50.0%	1	50.0%	1	50.0%	0	0.0%	2
26-30	16	16	3	18.8%	3	18.8%	0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A	3
31-35	114	120	45	37.5%	39	32.5%	13	10.8%	11	9.2%	9	7.5%	2	1.7%	52
36-40	382	411	137	33.3%	105	25.5%	32	7.8%	28	6.8%	28	6.8%	0	0.0%	133
41-45	226	250	38	15.2%	15	6.0%	3	1.2%	2	0.8%	2	0.8%	0	0.0%	17
46-50	15	21	1	4.8%	1	4.8%	1	4.8%	1	4.8%	1	4.8%	0	0.0%	2
51-55	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0
56 and above	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0
Total:	755	820	225	27.4%	164	20.0%	50	6.1%	43	5.2%	41	5.0%	2	0.2%	209

Analysis on Effect of Four or More Embryos Transferred (Fresh Cycle) on Live Birth Rate and Multiple Pregnancy Rate in IVF and IVF + ICSI cycles in 2012

(Based on the information on Data Collection Forms received from licensed centre up to 31 December 2012)

Age	No. of Patients	Treatment Cycles	Ongoing Pregnancy	Ongoing Pregnancy Rate	Live Births	Live Birth Rate	Ongoing Multiple Pregnancy	Ongoing Multiple Pregnancy Rate	Multiple Births	Multiple Live Birth Rate	Twin Live Births	Twin Live Birth Rate	Triple and Above Live Births	Triple and Above Live Birth Rate	No. of Babies
18-20	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0
21-25	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0
26-30	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0
31-35	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0
36-40	10	11	4	36.4%	4	36.4%	2	18.2%	1	9.1%	1	9.1%	0	0.0%	5
41-45	21	24	6	25.0%	5	20.8%	2	8.3%	0	0.0%	N/A	N/A	N/A	N/A	5
46-50	2	2	0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0
51-55	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0
56 and above	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0
Total:	33	37	10	27.0%	9	24.3%	4	10.8%	1	2.7%	1	2.7%	0	0.0%	10

Remarks:

- (1) Cases reported include all cycles of IVF, IVF+ICSI and Frozen-thawed ET.
- (2) The age of wife has been used in calculating the age of patient.

Table 12

Analysis on Effect of One Embryo Transferred (Frozen Cycle) on Live Birth Rate and Multiple Pregnancy Rate in IVF and IVF + ICSI cycles in 2012

(Based on the information on Data Collection Forms received from licensed centre up to 31 December 2012)

Age	No. of Patients	Treatment Cycles	Ongoing Pregnancy	Ongoing Pregnancy Rate	Live Births	Live Birth Rate	Ongoing Multiple Pregnancy	Ongoing Multiple Pregnancy Rate	Multiple Births	Multiple Live Birth Rate	Twin Live Births	Twin Live Birth Rate	Triple and Above Live Births	Triple and Above Live Birth Rate	No. of Babies
18-20	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0
21-25	7	8	4	50.0%	4	50.0%	0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A	4
26-30	51	58	16	27.6%	15	25.9%	1	1.7%	1	1.7%	1	1.7%	0	0.0%	16
31-35	166	182	49	26.9%	44	24.2%	0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A	44
36-40	238	266	55	20.7%	41	15.4%	2	0.8%	1	0.4%	1	0.4%	0	0.0%	42
41-45	73	74	9	12.2%	7	9.5%	1	1.4%	1	1.4%	1	1.4%	0	0.0%	8
46-50	4	4	1	25.0%	1	25.0%	0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A	1
51-55	1	1	0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0
56 and above	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0
Total:	540	593	134	22.6%	112	18.9%	4	0.7%	3	0.5%	3	0.5%	0	0.0%	115

Analysis on Effect of Two Embryos Transferred (Frozen Cycle) on Live Birth Rate and Multiple Pregnancy Rate in IVF and IVF + ICSI cycles in 2012

(Based on the information on Data Collection Forms received from licensed centre up to 31 December 2012)

Age	No. of Patients	Treatment Cycles	Ongoing Pregnancy	Ongoing Pregnancy Rate	Live Births	Live Birth Rate	Ongoing Multiple Pregnancy	Ongoing Multiple Pregnancy Rate	Multiple Births	Multiple Live Birth Rate	Twin Live Births	Twin Live Birth Rate	Triple and Above Live Births	Triple and Above Live Birth Rate	No. of Babies
18-20	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0
21-25	25	30	12	40.0%	10	33.3%	7	23.3%	6	20.0%	6	20.0%	0	0.0%	16
26-30	150	185	78	42.2%	68	36.8%	24	13.0%	20	10.8%	19	10.3%	1	0.5%	89
31-35	595	741	257	34.7%	217	29.3%	73	9.9%	63	8.5%	61	8.2%	2	0.3%	282
36-40	726	875	241	27.5%	202	23.1%	40	4.6%	26	3.0%	22	2.5%	4	0.5%	232
41-45	231	260	28	10.8%	22	8.5%	5	1.9%	2	0.8%	2	0.8%	0	0.0%	24
46-50	19	21	4	19.0%	2	9.5%	1	4.8%	1	4.8%	1	4.8%	0	0.0%	3
51-55	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0
56 and above	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0
Total:	1746	2112	620	29.4%	521	24.7%	150	7.1%	118	5.6%	111	5.3%	7	0.3%	646

Analysis on Effect of Three Embryos Transferred (Frozen Cycle) on Live Birth Rate and Multiple Pregnancy Rate in IVF and IVF + ICSI cycles in 2012

(Based on the information on Data Collection Forms received from licensed centre up to 31 December 2012)

Age	No. of Patients	Treatment Cycles	Ongoing Pregnancy	Ongoing Pregnancy Rate	Live Births	Live Birth Rate	Ongoing Multiple Pregnancy	Ongoing Multiple Pregnancy Rate	Multiple Births	Multiple Live Birth Rate	Twin Live Births	Twin Live Birth Rate	Triple and Above Live Births	Triple and Above Live Birth Rate	No. of Babies
18-20	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0
21-25	1	1	1	100.0%	1	100.0%	0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A	1
26-30	28	32	10	31.3%	10	31.3%	5	15.6%	4	12.5%	4	12.5%	0	0.0%	14
31-35	134	151	51	33.8%	43	28.5%	11	7.3%	9	6.0%	9	6.0%	0	0.0%	52
36-40	295	324	99	30.6%	75	23.1%	20	6.2%	12	3.7%	12	3.7%	0	0.0%	87
41-45	172	192	45	23.4%	26	13.5%	5	2.6%	2	1.0%	2	1.0%	0	0.0%	28
46-50	14	17	0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0
51-55	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0
56 and above	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0
Total:	644	717	206	28.7%	155	21.6%	41	5.7%	27	3.8%	27	3.8%	0	0.0%	182

Analysis on Effect of Four or More Embryos Transferred (Frozen Cycle) on Live Birth Rate and Multiple Pregnancy Rate in IVF and IVF + ICSI cycles in 2012

(Based on the information on Data Collection Forms received from licensed centre up to 31 December 2012)

Age	No. of Patients	Treatment Cycles	Ongoing Pregnancy	Ongoing Pregnancy Rate	Live Births	Live Birth Rate	Ongoing Multiple Pregnancy	Ongoing Multiple Pregnancy Rate	Multiple Births	Multiple Live Birth Rate	Twin Live Births	Twin Live Birth Rate	Triple and Above Live Births	Triple and Above Live Birth Rate	No. of Babies
18-20	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0
21-25	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0
26-30	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0
31-35	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0
36-40	11	12	1	8.3%	1	8.3%	0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A	1
41-45	19	25	7	28.0%	6	24.0%	1	4.0%	0	0.0%	N/A	N/A	N/A	N/A	6
46-50	2	3	0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0
51-55	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0
56 and above	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0
Total:	32	40	8	20.0%	7	17.5%	1	2.5%	0	0.0%	0	0.0%	0	0.0%	7

Remarks:

- (1) Cases reported include all cycles of IVF, IVF+ICSI and Frozen-thawed ET.
- (2) The age of wife has been used in calculating the age of patient.

Table 13**Live Birth Rate and Multiple Pregnancy Rate for Different Number of Embryo Transferred in 2012**

(Based on the information on Data Collection Forms received from licensed centre up to 31 December 2012)

No. of Embryos Transferred	Treatment Cycles	Ongoing Pregnancy	Ongoing Pregnancy Rate	Multiple Pregnancy	Multiple Pregnancy Rate	Live Births	Live Birth Rate
1	1277	289	22.6%	9	0.7%	226	17.7%
2	4544	1438	31.6%	334	7.4%	1185	26.1%
3	1509	428	28.4%	90	6.0%	319	21.1%
4 or above	71	16	22.5%	4	5.6%	14	19.7%

Table 14**Analysis on the Usage of Fresh / Frozen Oocytes and Live Birth Rate by Age Group in 2012***(Based on the information on Data Collection Forms received from licensed centre up to 31 December 2012)*

Age	IVF using fresh oocytes					Age	IVF using frozen oocytes				
	Treatment Cycles	Ongoing Pregnancy	Ongoing Pregnancy Rate	Live Births	Live Birth Rate		Treatment Cycles	Ongoing Pregnancy	Ongoing Pregnancy Rate	Live Births	Live Birth Rate
18-20	0	N/A	N/A	N/A	N/A	18-20	0	N/A	N/A	N/A	N/A
21-25	55	19	34.5%	16	29.1%	21-25	0	N/A	N/A	N/A	N/A
26-30	371	128	34.5%	101	27.2%	26-30	1	0	0.0%	N/A	N/A
31-35	1331	438	32.9%	372	27.9%	31-35	2	1	50.0%	1	50.0%
36-40	2024	514	25.4%	406	20.1%	36-40	1	0	0.0%	N/A	N/A
41-45	910	96	10.5%	59	6.5%	41-45	2	0	0.0%	N/A	N/A
46-50	87	1	1.1%	1	1.1%	46-50	0	N/A	N/A	N/A	N/A
51-55	3	0	0.0%	N/A	N/A	51-55	1	0	0.0%	N/A	N/A
56 and above	0	N/A	N/A	N/A	N/A	56 and above	0	N/A	N/A	N/A	N/A
Total:	4781	1196	25.0%	955	20.0%	Total:	7	1	14.3%	1	14.3%

*Remarks:**(1) Cases reported include all cycles of IVF and IVF+ICSI.**(2) The age of wife has been used in calculating the age of patient.*

Table 15

Results and Outcome for Different Types of RT Procedures in 2012

(Based on the information on Data Collection Forms received from licensed centre up to 31 December 2012)

	RT procedures																	
	IVF			GIFT			ZIFT/PROST			ICSI with IVF			ICSI with PROST			ICSI with MIFT		
	OWN	DON	ALL	OWN	DON	ALL	OWN	DON	ALL	OWN	DON	ALL	OWN	DON	ALL	OWN	DON	ALL
No. of patients	828	4	832	1	0	1	0	0	0	3535	12	3547	0	0	0	0	0	0
No. of cycles started	886	4	890	1	0	1	N/A	N/A	N/A	4287	12	4299	N/A	N/A	N/A	N/A	N/A	N/A
No. of embryo transfer (ET)	680	4	684	N/A	N/A	N/A	N/A	N/A	N/A	3356	12	3368	N/A	N/A	N/A	N/A	N/A	N/A
No. of embryo transferred / cycle	1.82	1.75	1.82	N/A	N/A	N/A	N/A	N/A	N/A	2.11	1.83	2.11	N/A	N/A	N/A	N/A	N/A	N/A
- Fresh embryos	1.82	1.75	1.82	N/A	N/A	N/A	N/A	N/A	N/A	2.07	1.83	2.07	N/A	N/A	N/A	N/A	N/A	N/A
- Frozen embryos	0.00	0.00	0.00	N/A	N/A	N/A	N/A	N/A	N/A	0.04	0.00	0.04	N/A	N/A	N/A	N/A	N/A	N/A
No. of gamete transfer	N/A	N/A	N/A	1	N/A	1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
No. of oocyte transferred / cycle	N/A	N/A	N/A	3.00	N/A	3.00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
- Fresh oocytes	N/A	N/A	N/A	3.00	N/A	3.00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
- Frozen oocytes	N/A	N/A	N/A	0.00	N/A	0.00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
No. of clinical pregnancies	285	1	286	1	N/A	1	N/A	N/A	N/A	1183	8	1191	N/A	N/A	N/A	N/A	N/A	N/A
No. of no pregnancy@	601	3	604	0	N/A	0	N/A	N/A	N/A	3104	4	3108	N/A	N/A	N/A	N/A	N/A	N/A
No. of miscarriage (spont. abortion)	27	0	27	0	N/A	0	N/A	N/A	N/A	177	0	177	N/A	N/A	N/A	N/A	N/A	N/A
No. of hydatidiform mole	0	0	0	0	N/A	0	N/A	N/A	N/A	0	0	0	N/A	N/A	N/A	N/A	N/A	N/A
No. of ectopic pregnancy	6	0	6	0	N/A	0	N/A	N/A	N/A	27	0	27	N/A	N/A	N/A	N/A	N/A	N/A
No. of heterotopic pregnancy	0	0	0	0	N/A	0	N/A	N/A	N/A	0	0	0	N/A	N/A	N/A	N/A	N/A	N/A
No. of termination of pregnancy (TOP)	0	0	0	0	N/A	0	N/A	N/A	N/A	4	0	4	N/A	N/A	N/A	N/A	N/A	N/A
No. of ongoing pregnancy	252	1	253	1	N/A	1	N/A	N/A	N/A	969	8	977	N/A	N/A	N/A	N/A	N/A	N/A
Ongoing pregnancy rate*	28.4%	25.0%	28.4%	100.0%	N/A	100.0%	N/A	N/A	N/A	22.6%	66.7%	22.7%	N/A	N/A	N/A	N/A	N/A	N/A
No. of live births	208	1	209	1	N/A	1	N/A	N/A	N/A	751	5	756	N/A	N/A	N/A	N/A	N/A	N/A
Live birth rate	23.5%	25.0%	23.5%	100.0%	N/A	100.0%	N/A	N/A	N/A	17.5%	41.7%	17.6%	N/A	N/A	N/A	N/A	N/A	N/A
No. lost to follow up	0	0	0	0	N/A	0	N/A	N/A	N/A	6	0	6	N/A	N/A	N/A	N/A	N/A	N/A
Clinical pregnancy rate/ cycle started	32.2%	25.0%	32.1%	100.0%	N/A	100.0%	N/A	N/A	N/A	27.6%	66.7%	27.7%	N/A	N/A	N/A	N/A	N/A	N/A
Clinical pregnancy rate/ transfer	41.9%	25.0%	41.8%	100.0%	N/A	100.0%	N/A	N/A	N/A	35.3%	66.7%	35.4%	N/A	N/A	N/A	N/A	N/A	N/A
Ongoing pregnancy rate/ cycle started	28.4%	25.0%	28.4%	100.0%	N/A	100.0%	N/A	N/A	N/A	22.6%	66.7%	22.7%	N/A	N/A	N/A	N/A	N/A	N/A
Ongoing pregnancy rate/ transfer	37.1%	25.0%	37.0%	100.0%	N/A	100.0%	N/A	N/A	N/A	28.9%	66.7%	29.0%	N/A	N/A	N/A	N/A	N/A	N/A
Multiple pregnancy rate	5.2%	0.0%	5.2%	0.0%	N/A	0.0%	N/A	N/A	N/A	4.5%	33.3%	4.6%	N/A	N/A	N/A	N/A	N/A	N/A
-Twins	5.1%	0.0%	5.1%	0.0%	N/A	0.0%	N/A	N/A	N/A	4.3%	33.3%	4.4%	N/A	N/A	N/A	N/A	N/A	N/A
-Triplets	0.1%	0.0%	0.1%	0.0%	N/A	0.0%	N/A	N/A	N/A	0.2%	0.0%	0.2%	N/A	N/A	N/A	N/A	N/A	N/A
- 4 or more fetuses	0.0%	0.0%	0.0%	0.0%	N/A	0.0%	N/A	N/A	N/A	0.0%	0.0%	0.0%	N/A	N/A	N/A	N/A	N/A	N/A

Table 15 (continued)

Results and Outcome for Different Types of RT Procedures in 2012

(Based on the information on Data Collection Forms received from licensed centre up to 31 December 2012)

	RT procedures										
	Surrogacy		Frozen-thawed ET			IVF/ICSI with frozen oocytes			Others		
	OWN	ALL	OWN	DON	ALL	OWN	DON	ALL	OWN	DON	ALL
No. of patients	0	0	2656	47	2703	7	0	7	93	0	93
No. of cycles started	N/A	N/A	3503	59	3562	7	N/A	7	103	N/A	103
No. of embryo transfer (ET)	N/A	N/A	3409	59	3468	6	N/A	6	0	N/A	0
No. of embryo transferred / cycle	N/A	N/A	2.07	1.92	2.06	2.00	N/A	2.00	N/A	N/A	N/A
- Fresh embryos	N/A	N/A	0.01	0.04	0.01	0.00	N/A	0.00	N/A	N/A	N/A
- Frozen embryos	N/A	N/A	2.06	1.88	2.05	2.00	N/A	2.00	N/A	N/A	N/A
No. of gamete transfer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
No. of oocyte transferred / cycle	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
- Fresh oocytes	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
- Frozen oocytes	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
No. of clinical pregnancies	N/A	N/A	1136	26	1162	1	N/A	1	N/A	N/A	N/A
No. of no pregnancy @	N/A	N/A	2367	33	2400	6	N/A	6	N/A	N/A	N/A
No. of miscarriage (spont. abortion)	N/A	N/A	170	2	172	0	N/A	0	N/A	N/A	N/A
No. of hydatidiform mole	N/A	N/A	0	0	0	0	N/A	0	N/A	N/A	N/A
No. of ectopic pregnancy	N/A	N/A	8	0	8	0	N/A	0	N/A	N/A	N/A
No. of heterotopic pregnancy	N/A	N/A	1	0	1	0	N/A	0	N/A	N/A	N/A
No. of termination of pregnancy (TOP)	N/A	N/A	1	0	1	0	N/A	0	N/A	N/A	N/A
No. of ongoing pregnancy	N/A	N/A	949	24	973	1	N/A	1	N/A	N/A	N/A
Ongoing pregnancy rate *	N/A	N/A	27.1%	40.7%	27.3%	14.3%	N/A	14.3%	N/A	N/A	N/A
No. of live births	N/A	N/A	781	19	800	1	N/A	1	N/A	N/A	N/A
Live birth rate	N/A	N/A	22.3%	32.2%	22.5%	14.3%	N/A	14.3%	N/A	N/A	N/A
No. lost to follow up	N/A	N/A	7	0	7	0	N/A	0	N/A	N/A	N/A
Clinical pregnancy rate/ cycle started	N/A	N/A	32.4%	44.1%	32.6%	14.3%	N/A	14.3%	N/A	N/A	N/A
Clinical pregnancy rate/ transfer	N/A	N/A	33.3%	44.1%	33.5%	16.7%	N/A	16.7%	N/A	N/A	N/A
Ongoing pregnancy rate/ cycle started	N/A	N/A	27.1%	40.7%	27.3%	14.3%	N/A	14.3%	N/A	N/A	N/A
Ongoing pregnancy rate/ transfer	N/A	N/A	27.8%	40.7%	28.1%	16.7%	N/A	16.7%	N/A	N/A	N/A
Multiple pregnancy rate	N/A	N/A	5.2%	15.3%	5.4%	0.0%	N/A	0.0%	N/A	N/A	N/A
-Twins	N/A	N/A	4.9%	13.6%	5.0%	0.0%	N/A	0.0%	N/A	N/A	N/A
-Triplets	N/A	N/A	0.3%	1.7%	0.4%	0.0%	N/A	0.0%	N/A	N/A	N/A
- 4 or more fetuses	N/A	N/A	0.0%	0.0%	0.0%	0.0%	N/A	0.0%	N/A	N/A	N/A

@ "No. of no pregnancy" are counted as those cycles which started and reported by the centre with an outcome of "no pregnancy", including those abandoned and those ending with elective cryopreservation of embryos.

* "On-going pregnancy rate" = No. of on-going pregnancy / No. of cycles started x 100%

Remarks:

(1) OWN means using own gametes/embryos, DON means using donated gametes/embryos.

(2) RT Procedures include: IVF, GIFT, ZIFT, PROST, ICSI, MIFT, ET. The above figures do not include AIH procedures.

(3) "Others" include 4 cycles of oocyte freezing (involving 4 patients) and 99 failed cycles (involving 90 patients) at the time of oocyte retrieval or at the time of surgical sperm retrieval by MESA/TESA/TESE.

Table 16**Results and Outcome for IUI with or without Ovarian Stimulation in 2012**

(Based on the information on Data Collection Forms received from licensed centre up to 31 December 2012)

	AIH-IUI
No. of patients	3739
No. of cycles started	5316
No. of cycles which proceeded to IUI	5309
No. of clinical pregnancies	671
No. of no pregnancy	4566
No. of miscarriage (spont. abortion)	103
No. of hydatidiform mole	1
No. of ectopic pregnancy	10
No. of heterotopic pregnancy	0
No. of termination of pregnancy (TOP)	0
No. of ongoing pregnancy	557
Ongoing pregnancy rate	10.5%
No. of live births	426
Live birth rate	8.0%
No. lost to follow up	79
Clinical pregnancy rate/ cycle started	12.6%
Clinical pregnancy rate/ cycle of IUI	12.6%
Ongoing pregnancy rate/ cycle started	10.5%
Ongoing pregnancy rate/ cycle of IUI	10.5%
Multiple pregnancy rate	1.3%
-Twins	1.2%
-Triplets	0.1%
- 4 or more fetuses	0.0%

Table 17**Infertility Diagnosis by Age of Patients Receiving RT Procedures (other than DI and AIH) in 2012***(Based on the information on Data Collection Forms received from licensed centre up to 31 December 2012)*

Diagnosis	Age Group (by no. of patients)									
	18-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55	56 and above	All
Male factor	0	27	138	511	647	164	4	0	0	1491
Tubal problem	0	6	69	186	179	39	2	0	0	481
Endometriosis	0	1	10	56	94	16	0	0	0	177
Immunologic problem	0	0	0	3	0	0	0	0	0	3
Tubo-peritoneal problem	0	1	18	103	109	14	0	0	0	245
Ovulatory problem	0	4	26	58	82	25	2	0	0	197
Unexplained	0	9	40	202	362	94	2	0	0	709
Other Causes	0	1	27	62	172	188	23	2	0	475
Multiple factors-female plus male	0	10	83	326	561	262	25	0	0	1267
Multiple factors-female only	0	1	26	121	209	111	11	0	0	479

*Remark:**The age of wife has been used in calculating the age of patient.*

Table 18**Infertility Diagnosis by Age of Patients Receiving AIH Procedures in 2012**

(Based on the information on Data Collection Forms received from licensed centre up to 31 December 2012)

Diagnosis	Age Group (by no. of patients)									
	18-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55	56 and above	All
Male factor	0	11	115	489	436	79	3	0	0	1133
Endometriosis	0	0	16	52	60	9	0	0	0	137
Ovulatory problem	0	4	45	194	135	30	0	0	0	408
Unexplained	0	11	124	453	427	98	6	1	0	1120
Others	0	3	22	130	140	103	11	1	0	410
Multiple factors-female plus male	0	3	46	174	183	36	9	0	0	451
Multiple factors-female only	0	1	7	27	36	9	0	0	0	80

Remark:

The age of wife has been used in calculating the age of patient.

Table 19**Reasons for Treatment by Age of Patients - DI in 2012**

(Based on the information on Data Collection Forms received from licensed centre up to 31 December 2012)

Reasons	Age Group (by no. of patients)									
	18-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55	56 and above	All
Obstructive azoospermia	0	0	0	0	0	0	0	0	0	0
Nonobstructive azoospermia	0	0	0	1	5	0	0	0	0	6
Severe deficits in semen quality in couples who do not wish to undergo intracytoplasmic sperm injection	0	0	0	0	0	0	0	0	0	0
Genetic	0	0	0	0	0	0	0	0	0	0
Infectious disease in the male partner (such as HIV)	0	0	0	0	0	0	0	0	0	0
Severe rhesus isoimmunisation	0	0	0	0	0	0	0	0	0	0
Others	0	0	0	0	0	0	0	0	0	0

Remark:

The age of husband has been used in calculating the age of patient.

Table 20**Live Birth Rates among Women who had RT Cycles by Diagnosis in 2012***(Based on the information on Data Collection Forms received from licensed centre up to 31 December 2012)*

Diagnosis	Treatment Cycles	Ongoing Pregnancy	Ongoing Pregnancy Rate	Live Births	Live Birth Rate
Male factor	3801	780	20.5%	644	16.9%
Tubal problem	686	213	31.0%	161	23.5%
Endometriosis	459	77	16.8%	66	14.4%
Immunologic problem	3	1	33.3%	0	0.0%
Tubo-peritoneal problem	377	81	21.5%	71	18.8%
Ovulatory problem	874	163	18.6%	133	15.2%
Unexplained	2645	475	18.0%	370	14.0%
Other Causes	1449	192	13.3%	140	9.7%
Multitple factors-female plus male	2823	547	19.4%	439	15.6%
Multitple factors-female only	904	199	22.0%	146	16.2%
Total:	14021	2728	19.5%	2170	15.5%

*Remark:**Cycles of DI are not included in this table as the above types of diagnosis are not applicable to DI patients.*

Table 21

Number of Gametes / Embryos Stored / Used for Research (as at end December 2012)

Materials	Cumulative no. stored for research
Embryos	849
Eggs (oocytes)	7
Semen Samples	26

Materials	Cumulative no. used for research
Embryos	56

Table 22**Past and Current Research Projects ending December 2013**

Year	Name of Licensed Centre	Name of Project	Project Duration (no. of months)	Project Report Submitted	
				Yes	No
2008	-	-	-	-	-
2009	(i) PGD Centre, The University of Hong Kong – Queen Mary Hospital, Department of Medicine	(i) PGD of Spinal Muscular Atrophy	(i) 36 months	✓	-
	(ii) Department of Obstetrics & Gynaecology, The University of Hong Kong	(ii) Effect of extracellular matrix on culture of human embryonic stem cells	(ii) 36 months	✓	-
2010	-	-	-	-	-
2011	(iii) Assisted Reproductive Technology Unit (IVFHK), Prince of Wales Hospital/ The Chinese University of Hong Kong	(iii) A case-series study to establish preimplantation genetic screening (PGS) and its clinical application	(iii) 36 months	-	✓ (see Remark)
2012	(iv) Department of Obstetrics & Gynaecology, The University of Hong Kong	(iv) Role of microRNA lethal-7(let-7) on blastocyst formation in mice and human embryos	(iv) 36 months	-	✓ (see Remark)
2013	(v) Department of Obstetrics & Gynaecology, The University of Hong Kong	(v) A study on extent of aneuploidy in preimplantation human embryos	(v) 36 months	-	✓ (see Remark)
Total:	5	5		2	3

Remark:

Report of the outcome of the research project is to be submitted to the Council within 3 months after completion of the project.