

Table 1. A Summary of Triplets After Single Embryo Transfer

No. of Cases	Publication	Female Age (years)	Gravida	Parity	Family History of Multiple Pregnancy	Cause of Infertility	Period of Infertility (years)	Types of Controlled Ovarian Stimulation	Methods of Fertilization	No. of Fertilized Oocytes/no. of Total Oocytes	Fresh or Frozen ET	Assisted Hatching	Embryo Biopsy	Stage of Embryo at ET	No. of Gestational Sac	No. of Yolk Sac	No. of Fetal Heart Beat	Chorionicity and Amnionicity	Intervention	Outcome	No. of Live Infants
Case 1	Dessolle et al. (2010)	30	0	0	Yes	Male	N.A.	GnRH agonist long	ICSI	N.A./19	Fresh	No	No	Blastocyst	1	3	3	MT	Reduction	CS at 34 weeks	2
Case 2	Dessolle et al. (2010)	27	0	0	Yes	Unexplained	3	GnRH antagonist	IVF	5/6 (83%)	Fresh	No	No	Blastocyst	1	3	3	MT	Reduction	CS at 34 weeks	2
Case 3	Yamañhara et al. (2007)	37	3	2	N.A.	Unexplained	3	GnRH agonist short	IVF	8/10 (80%)	Frozen	Yes	No	Blastocyst	1	3	3	MT	Termination		0
Case 4	Faraj et al. (2008)	38	0	0	N.A.	Endometriosis	3	Donor oocytes were used	IVF	6/9 (67%)	Frozen	No	No	Cleavage embryo	1	3	3	MT	No	CS at 32 weeks	3
Case 5	Iwamoto et al. (2010)	31	N.A.	N.A.	N.A.	Male	N.A.	GnRH antagonist	ICSI	4/9 (44%)	Fresh	Yes	No	Blastocyst	1	3	2	MT	No	Spontaneous abortion at 10 weeks	0
Case 6	Lee et al. (2008)	28	2	0	N.A.	Ovulatory	N.A.	GnRH agonist long	ICSI	N.A./13	Fresh	No	No	Blastocyst	1	3	3	MT	No	CS at 33 weeks	3
Case 7	Risquez et al. (2004)	40	N.A.	2	Yes	Male	N.A.	GnRH agonist long	ICSI	2/3 (67%)	Fresh	Yes	No	Cleavage embryo	1	3	3	MT	No	On going	N.A.
Case 8	Saravetos et al. (2015)	29	N.A.	N.A.	N.A.	Male	2	GnRH agonist long	ICSI	8/17 (47%)	Fresh	No	Yes	Cleavage embryo	1	4	4	MQ	Reduction	CS at 35 weeks	2
Case 9	Saravetos et al. (2015)	34	N.A.	N.A.	N.A.	Tubal	7	GnRH antagonist	IVF	12/14 (86%)	Fresh	No	No	Blastocyst	1	3	3	MT	Reduction	Ongoing MD twin	N.A.
Case 10	Takeuchi et al. (2018)	36	2	0	N.A.	Adenomyosis and ovulatory	N.A.	Natural cycle	IVF	1/1 (100%)	Frozen	No	No	Blastocyst	2	3	3	DT	Reduction	CS at 35 weeks	1
Case 11	Takehara et al. (present report)	29	1	1	No	Tubal and ovulatory	4	GnRH agonist long	IVF	7/9 (89%)	Fresh	No	No	Blastocyst	3	1	1	TT	No	Singleton delivery at 41 weeks	1
Case 12	Takehara et al. (present report)	39	2	1	No	Male	2	GnRH agonist short	ICSI	7/11 (64%)	Frozen	Yes	No	Blastocyst	3	3	2	TT	No	DD twin CS at 37 weeks	2

Note: ET: Embryo transfer; IVF: In vitro fertilization; ICSI: Intracytoplasmic sperm injection; MT: Monochorionic triamniotic; MQ: Monochorionic quadra-amniotic; DT: Dichorionic triamniotic; TT: Trichorionic triamniotic; MD: Monochorionic diamniotic; DD: Dichorionic diamniotic; CS: Cesarean section; N.A.: Not applicable; GnRH: Gonadotropin-releasing hormone.