Report of the College of Physicians for Assisted Reproduction Therapy

Belgium 2008

16 September 2010

Version 1.0

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Section 1: General overview

Table 1.1 All cycles: Type of cycles

	Statistic	All Centres		
		Total (N=29541)	With social security (N=24961)	Without social security (N=4580)
Own fresh cycle	n (%)	19061 (64.52%)	16211 (64.95%)	2850 (62.23%)
Own cryo cycle	n (%)	8576 (29.03%)	7610 (30.49%)	966 (21.09%)
Fresh recipient cycle	n (%)	820 (2.78%)	459 (1.84%)	361 (7.88%)
Cryo recipient cycle	n (%)	294 (1.00%)	157 (0.63%)	137 (2.99%)
Fresh Donor cycle	n (%)	578 (1.96%)	394 (1.58%)	184 (4.02%)
Fresh sharing cycle	n (%)	82 (0.28%)	32 (0.13%)	50 (1.09%)
Mixed (fresh + thawed) cycle	n (%)	24 (0.08%)	16 (0.06%)	8 (0.17%)
Unspecified fresh cycle	n (%)	12 (0.04%)	12 (0.05%)	0 (0.00%)
Unspecified cryo cycle	n (%)	93 (0.31%)	69 (0.28%)	24 (0.52%)
Unknown cycle type	n (%)	1 (0.00%)	1 (0.00%)	0 (0.00%)

Table 1.2 Own and recipient fresh cycles: Number of laboratory treatment cycles

	All Centres (N=16999, Missing=1078)		
	Patients with Social Security	Patients without Social Security	Total
	N (%)	N (%)	N
All ages & ranks	14820 (87.2%)	2179 (12.8%)	16999
< 43 years old & rank < 7	13805 (94.4%)	812 (5.6%)	14617
< 43 years old & rank >=7	844 (42.2%)	1158 (57.8%)	2002
>= 43 years old	171 (45.0%)	209 (55.0%)	380

Note: Cancelled cycles are not included in the table.

Figure 1.3 Own and recipient fresh cycles: Evolution of total number of cycles
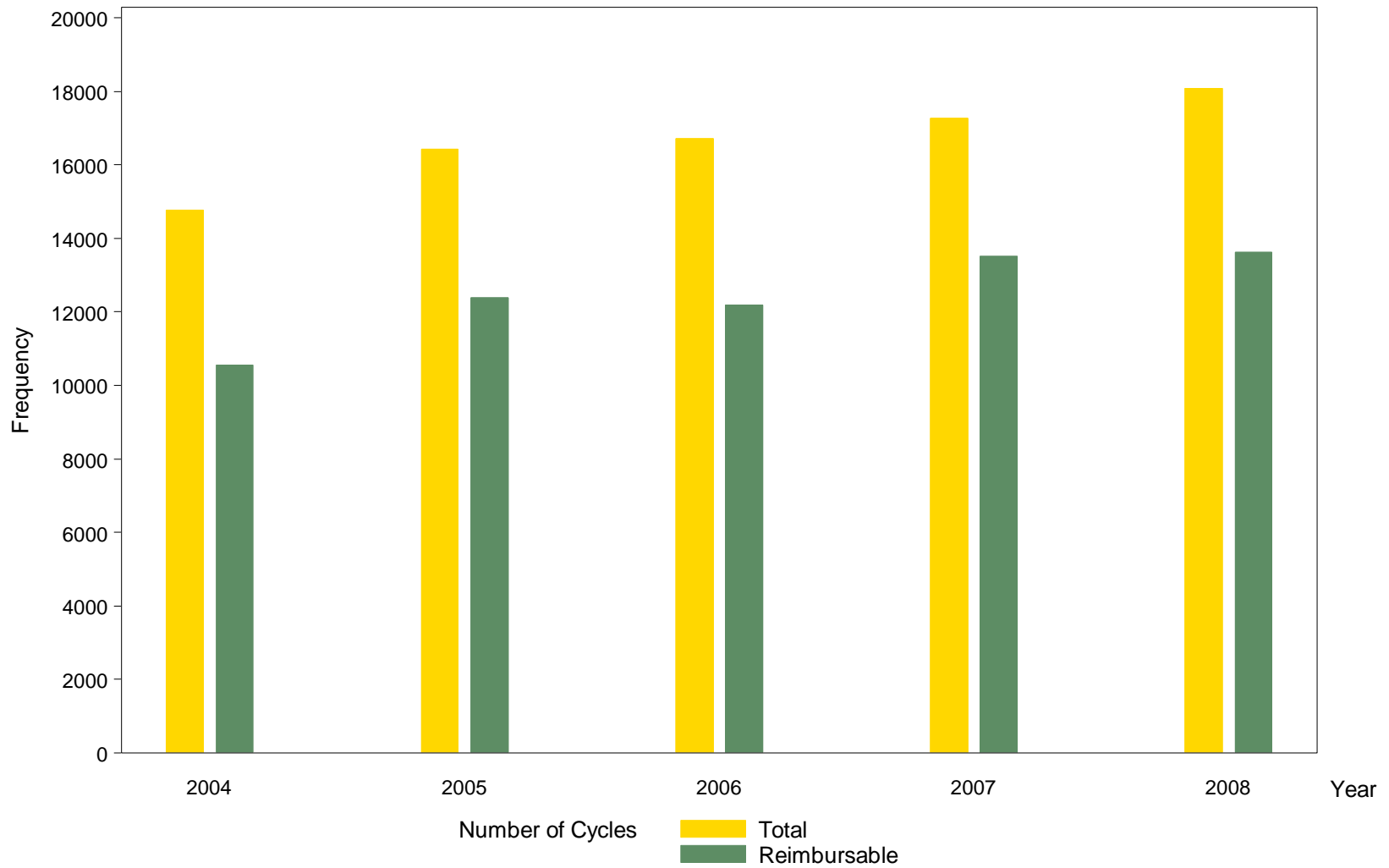
Note: Cancelled cycles are not included in the figure.

Section 2: own fresh cycles

Table 2.1 Own fresh cycles: Overview of cycles

Cycle	All Centres	
Initiated	19061	(100.0%)
Cancelled	1715	(9.0%)
Aspiration	17346	(91.0%)
Embryo Transfer	15343	(80.5%)

Figure 2.2 Own fresh cycles: Female age and laborank

All Centres (N=16278, Missing=2783)

No. of Cycles	<36	[36-40[	[40-43[	>=43
rank 1	4129	1043	612	48
rank 2	2409	713	427	35
rank 3-6	2958	1223	700	40
rank >=7	839	592	372	138
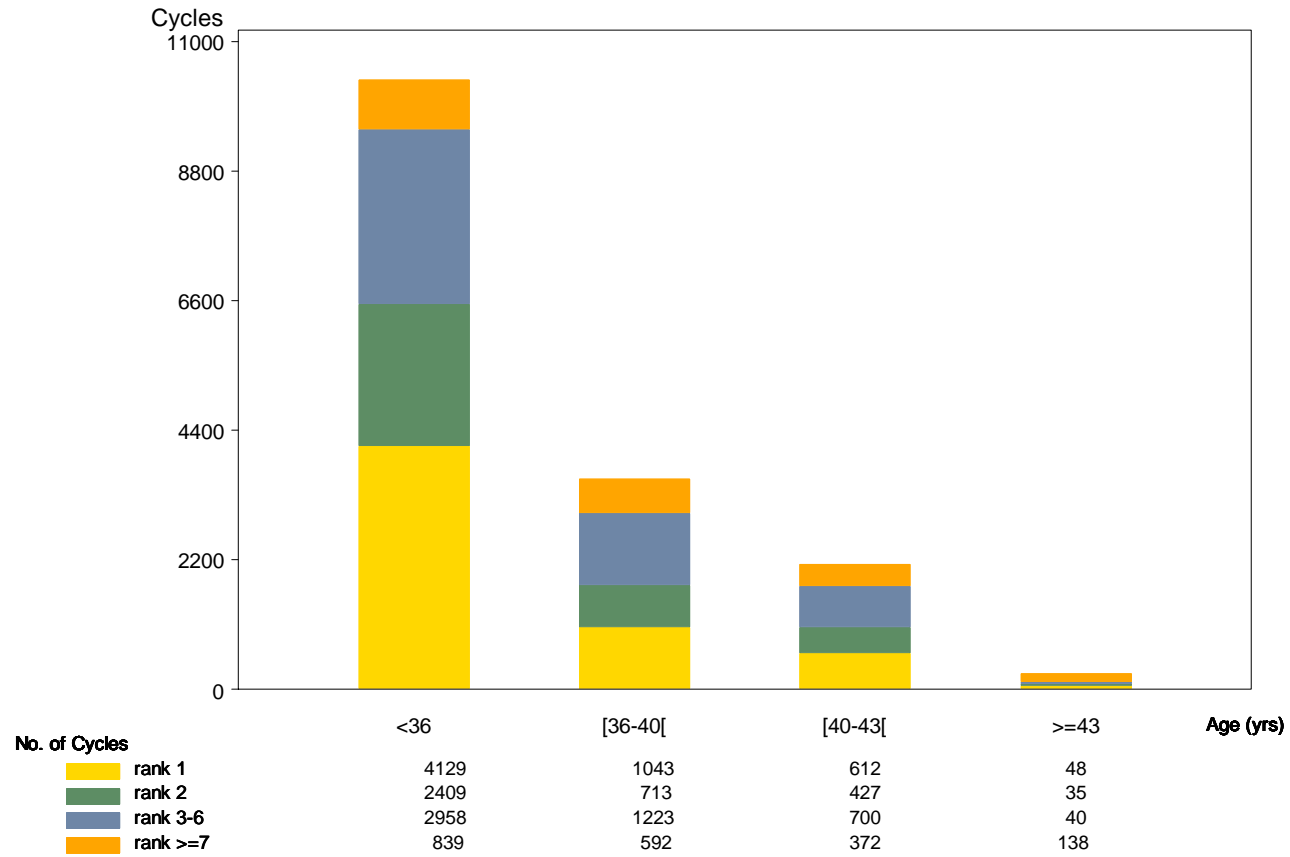
Figure 2.3 Own fresh cycles: Indications of ART

All Centres (N=19061)

Unknown
875
4.59%

Idiopathic
2390
12.54%

Female
4023
21.11%

Mixed
4691
24.61%
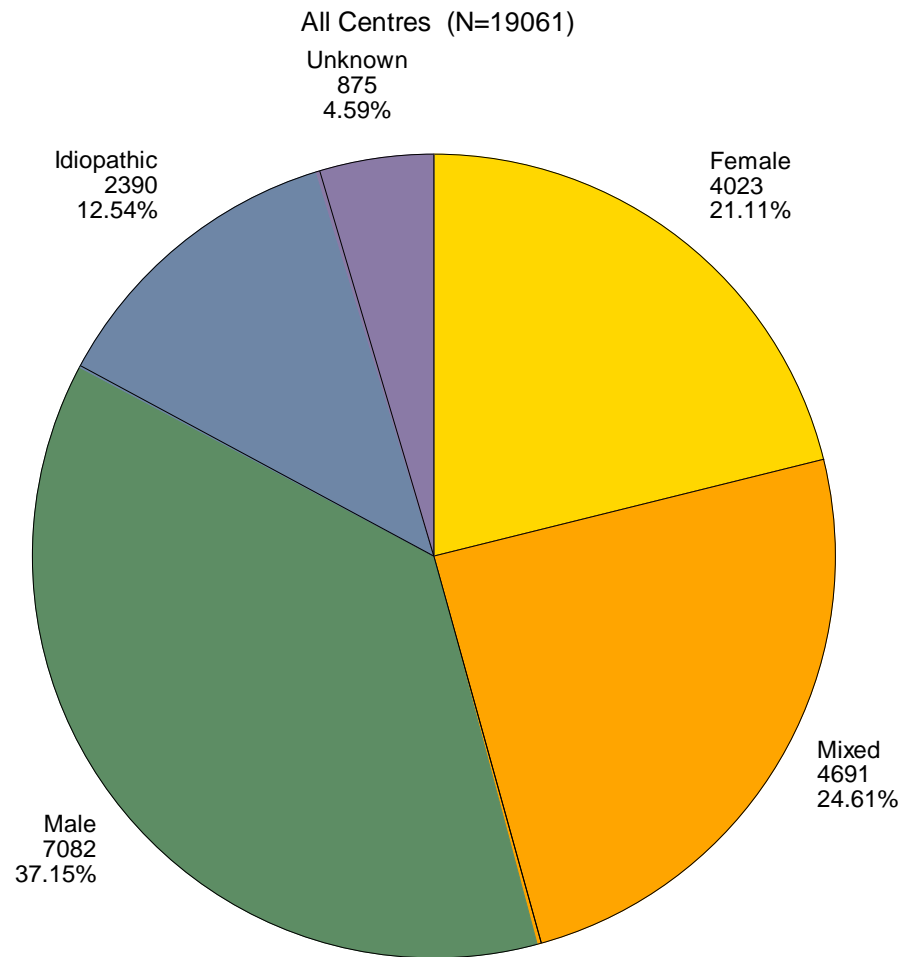
Male
7082
37.15%

Table 2.4 Own fresh cycles: Indications of ART: female and male causes

	Statistic	All Centres
Female pathology	N	7970
Tubal	n/N (%)	3433/8408 (40.83%)
Endometriosis	n/N (%)	2316/8375 (27.65%)
Ovulatory	n/N (%)	1983/8151 (24.33%)
Other	n/N (%)	1865/8707 (21.42%)
Premature Ovarian Failure	n/N (%)	237/8436 (2.81%)
Genetic anomaly	n/N (%)	513/6260 (8.19%)
Immunological	n/N (%)	28/5930 (0.47%)
Male pathology	N	10644
Genetic anomaly	n/N (%)	471/9086 (5.18%)
Sperm abnormality	n/N (%)	11451/11731 (97.61%)
Immunological	n/N (%)	150/9692 (1.55%)

Some patients have more than one cause identified per cycle.

Figure 2.5 Own fresh cycles: Female age distribution

Age (yrs.)

	All Centres
N	19058
Missing	3
Mean	33.9
SD	5.12
Median	34.0
(Min,Max)	(18,46)
(Q1,Q3)	(30,38)

Percentile
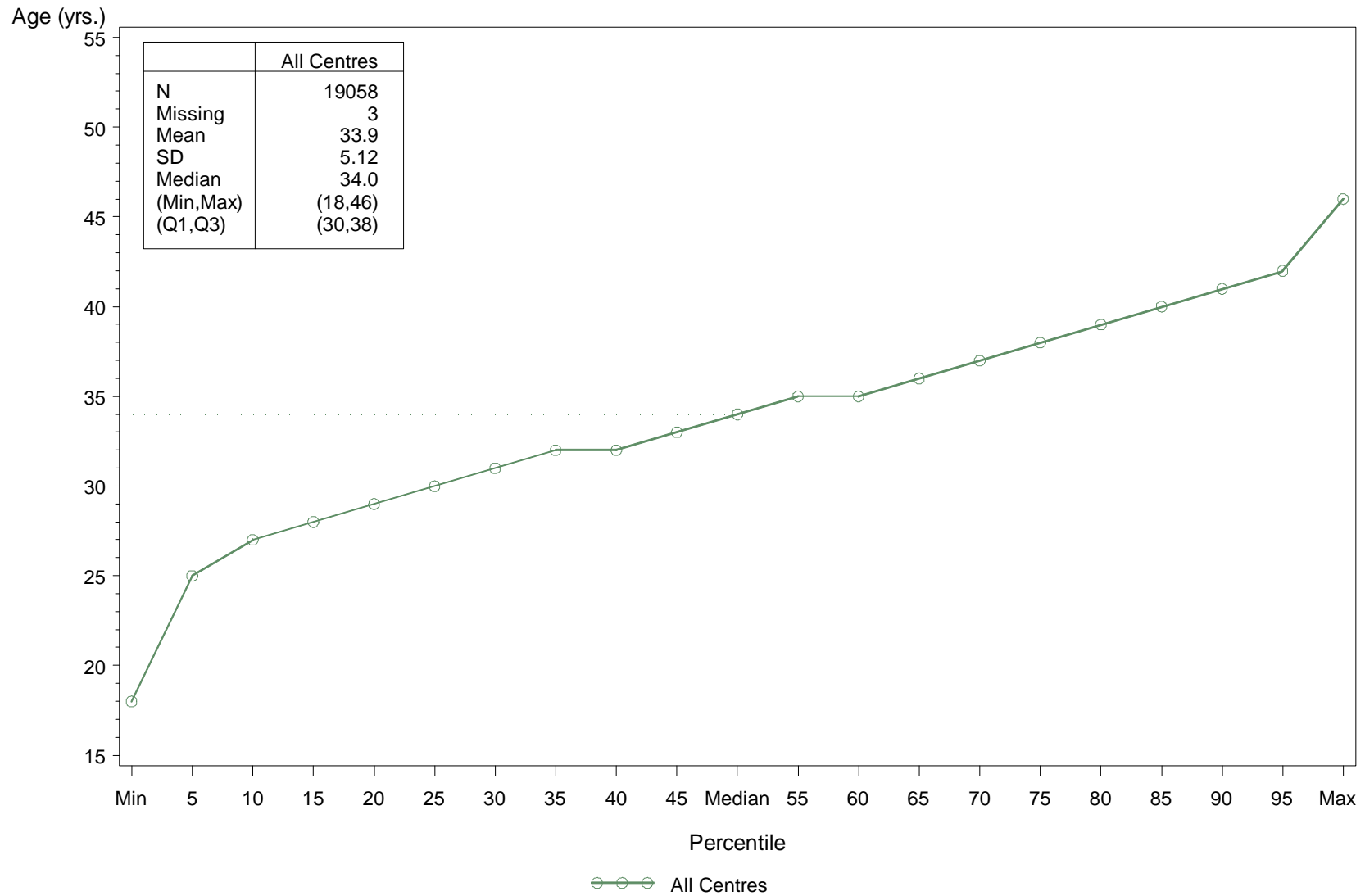
○—○—○ All Centres

Figure 2.6 Own fresh cycles: Pituitary inhibition

All Centres (N=19027, Missing=34)

None
1500
7.88%

Antagonist
4466
23.47%

Agonist - long
7424
39.02%

Agonist - short
5637
29.63%
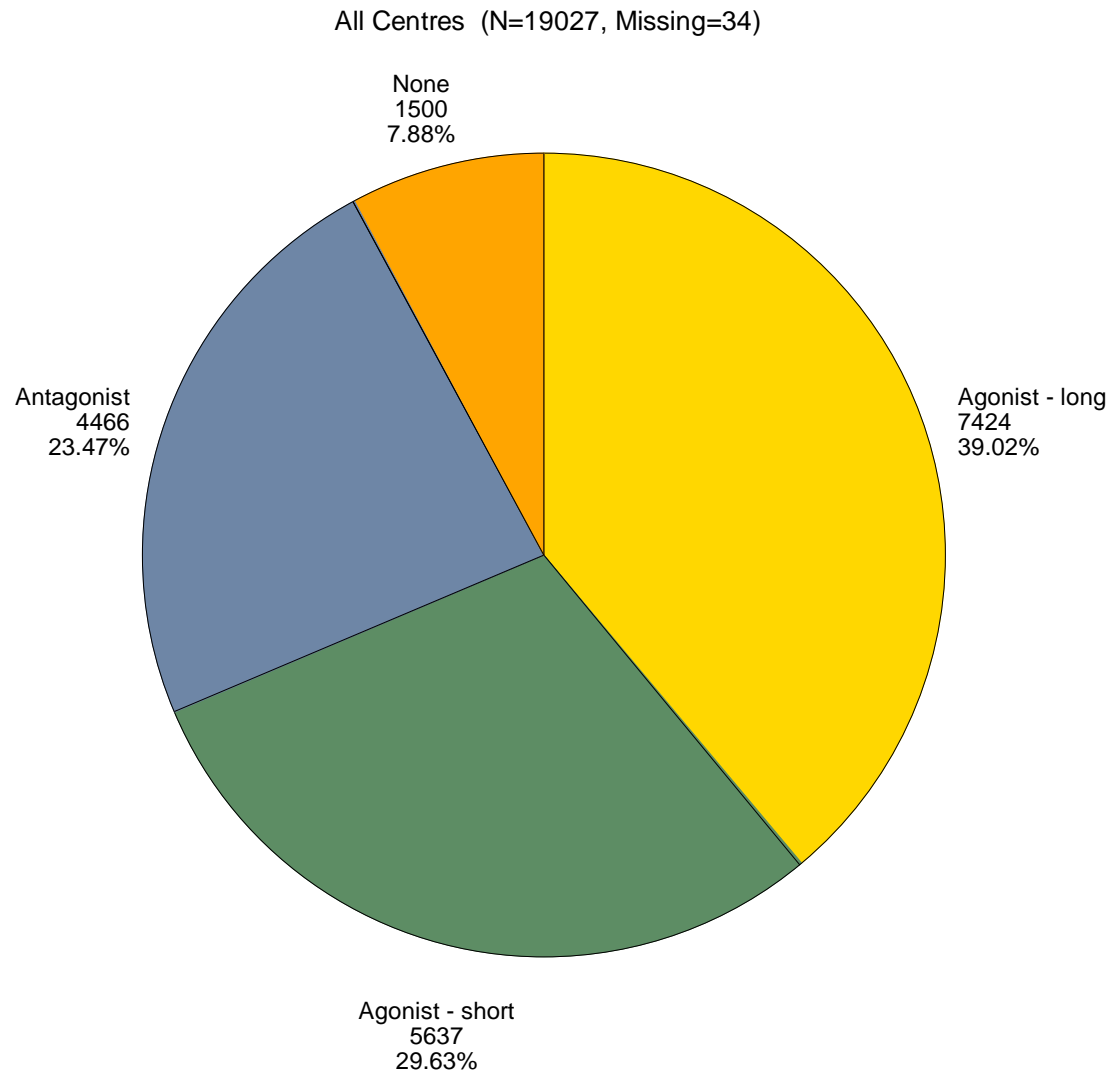
Table 2.7 Own fresh cycles: Stimulation protocol

	Statistic	All Centres (N=19051, Missing=10)
Stimulation protocol		
Clomiphene	n/N (%)	1407/19051 (7.39%)
Gonadotrophins	n/N (%)	15909/19051 (83.51%)
Clomiphene + Gonadotrophins	n/N (%)	280/19051 (1.47%)
Aromatase Inhibitor + Gonadotrophins	n/N (%)	176/19051 (0.92%)
Substitution	n/N (%)	1/19051 (0.01%)
None	n/N (%)	659/19051 (3.46%)
Other	n/N (%)	619/19051 (3.25%)

Figure 2.8 Own fresh cycles: Total dose of Gonadotrophins (percentiles)

	All Centres
N	15893
Missing	296
Mean	2317.7
SD	1102.55
Median	2100.0
(Min,Max)	(9,13510)
(Q1,Q3)	(1500,2850)

Percentile

○—○—○ All Centres
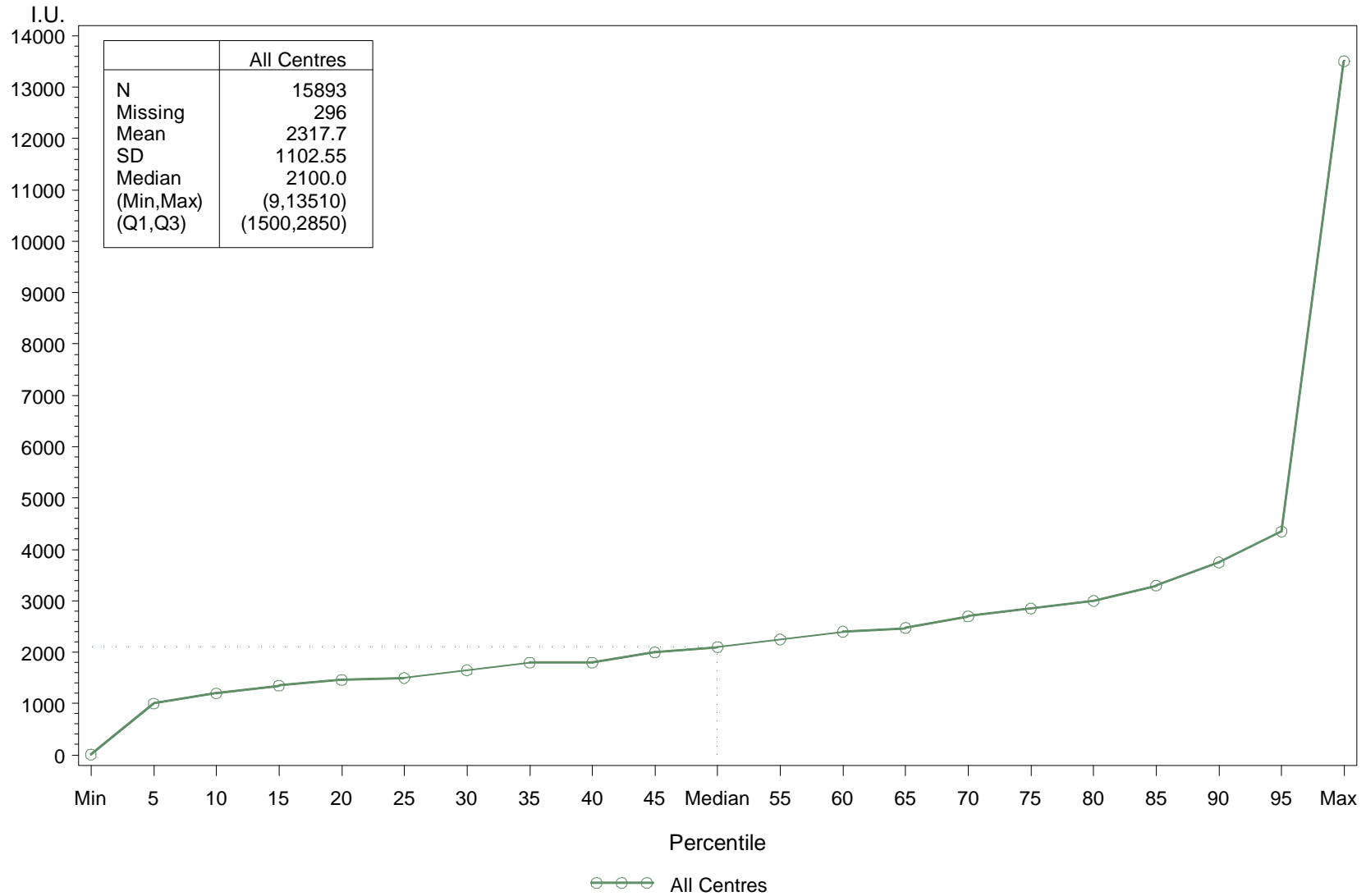
Figure 2.9 Own fresh cycles: Total dose of Gonadotrophins (boxplot)
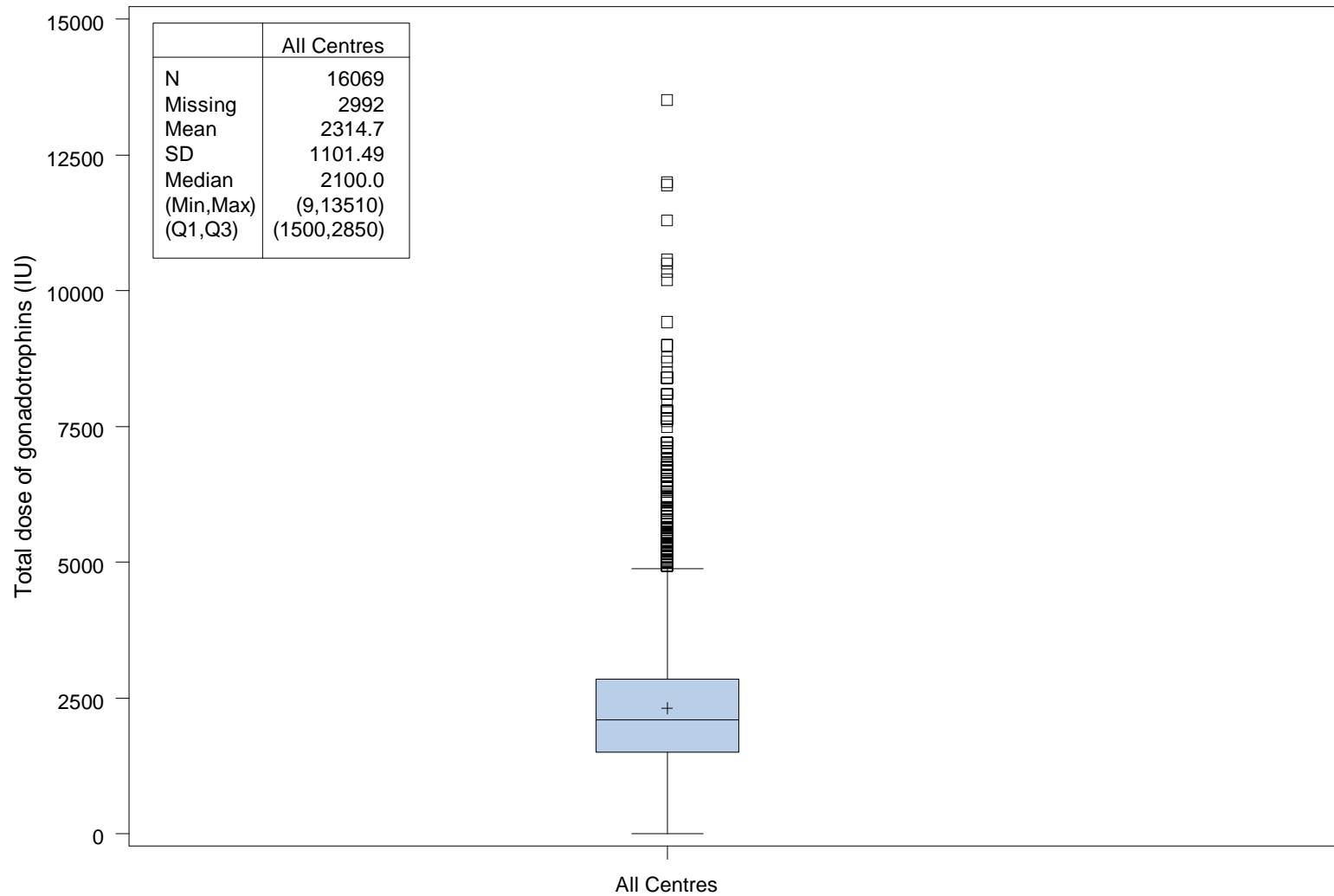
	All Centres
N	16069
Missing	2992
Mean	2314.7
SD	1101.49
Median	2100.0
(Min,Max)	(9,13510)
(Q1,Q3)	(1500,2850)

Box plot shows median and interquartile range. Whiskers are drawn at (Q3+1.5*IQR, Q1-1.5*IQR).
Q1, Q3 = 1st and 3rd quartile, IQR = Q3 - Q1. +-sign indicates mean value.

Table 2.10 Own fresh cycles: Methods of fertilization

	Statistic	All Centres (N=16840, Missing=206)
Method of fertilization		
IVF	n/N (%)	4128/16840 (24.51%)
ICSI	n/N (%)	11771/16840 (69.90%)
Mixed (IVF + ICSI)	n/N (%)	941/16840 (5.59%)

1. Cycles with at least 1 oocyte retrieved are included.
2. Sperm of partner or donor are both included.

Table 2.11 Own fresh cycles: ICSI method sperm from partner

All Centres (N=10669, Missing=467)

Sperm	Fresh		Thawed		Total	
	N	**%**	**N**	**%**	**N**	**%**
Ejaculated	9401	93.91	610	6.09	10011	93.83
Surgical retrieved	235	35.71	423	64.29	658	6.17
Total	9636	90.32	1033	9.68	10669	100.00

Percentages are row percentages, except in the column 'Total'.

Table 2.12 Own fresh cycles: Transfers by age and rank categories

| Age (yrs) | | | <36 | | | | | [36-40[| | | | | [40-43[| | | >=43 | Total |
Rank	1	2	3-6	>=7	Total	1	2	3-6	>=7	Total	1	2	3-6	>=7	Total	Total	Total
All Centres (N=16278, Missing=1068)																	
Aspirations	4129	2409	2958	839	10335	1043	713	1223	592	3571	612	427	700	372	2111	261	16278
Transfers	3786	2243	2743	683	9455	940	646	1105	485	3176	529	382	622	286	1819	222	14672
Embryos transferred																	
1	3717	1326	671	258	5972	409	224	273	113	1019	152	100	170	54	476	61	7528
2	68	912	2050	333	3363	519	400	551	234	1704	223	149	185	92	649	63	5779
3	1	5	22	75	103	11	20	276	124	431	135	117	209	97	558	59	1151
>3	0	0	0	17	17	1	1	4	14	20	19	16	58	43	136	39	212
Unknown	0	0	0	0	0	0	1	1	0	2	0	0	0	0	0	0	2

Table 2.13 Own fresh cycles: Transfers by social security

	All Centres (N=19061, Missing=0)		
	With social security	Without social security	Total
Initiated cycles	16211	2850	19061
Aspirations	14833	2513	17346
Transfers	13158	2185	15343
Embryos transferred			
1	7099	638	7737
2	5117	989	6106
3	839	408	1247
>3	101	149	250
Unknown	2	1	3

Figure 2.14 Own fresh cycles: Embryos transferred women < 36 years old

All Centres (N=9455, Missing=295)

Labo rank No. of embryos	rank 1	rank 2	rank 3-6	rank >=7
1	3717 (98%)	1326 (59%)	671 (24%)	258 (38%)
2	68 (2%)	912 (41%)	2050 (75%)	333 (49%)
3	1 (0%)	5 (0%)	22 (1%)	75 (11%)
>3	0 (0%)	0 (0%)	0 (0%)	17 (2%)
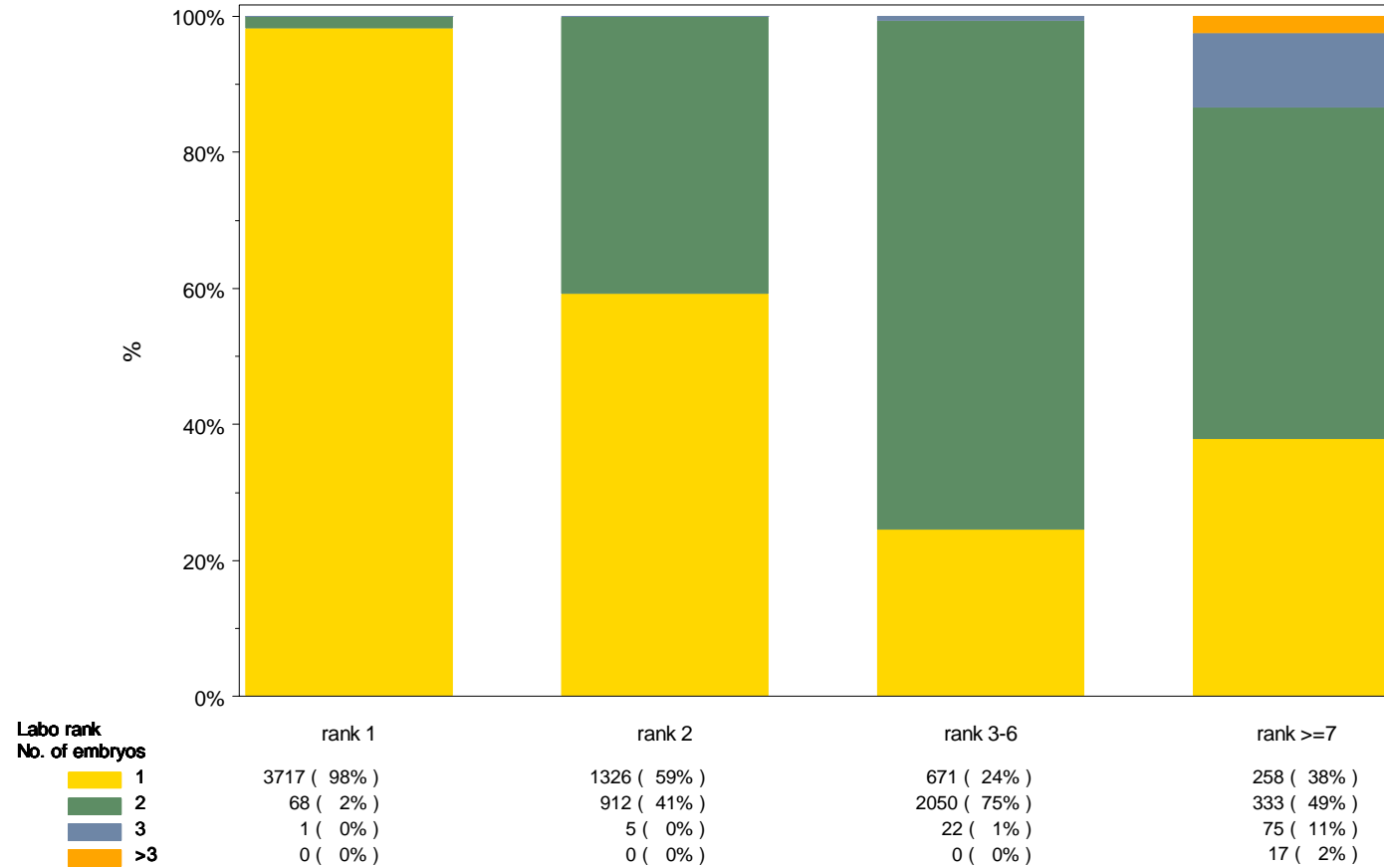
Figure 2.15 Own fresh cycles: Embryos transferred women 36-40 years old

All Centres (N=3174, Missing=209)

Labo rank No. of embryos		rank 1	rank 2	rank 3-6	rank >=7
1		409 (44%)	224 (35%)	273 (25%)	113 (23%)
2		519 (55%)	400 (62%)	551 (50%)	234 (48%)
3		11 (1%)	20 (3%)	276 (25%)	124 (26%)
>3		1 (0%)	1 (0%)	4 (0%)	14 (3%)
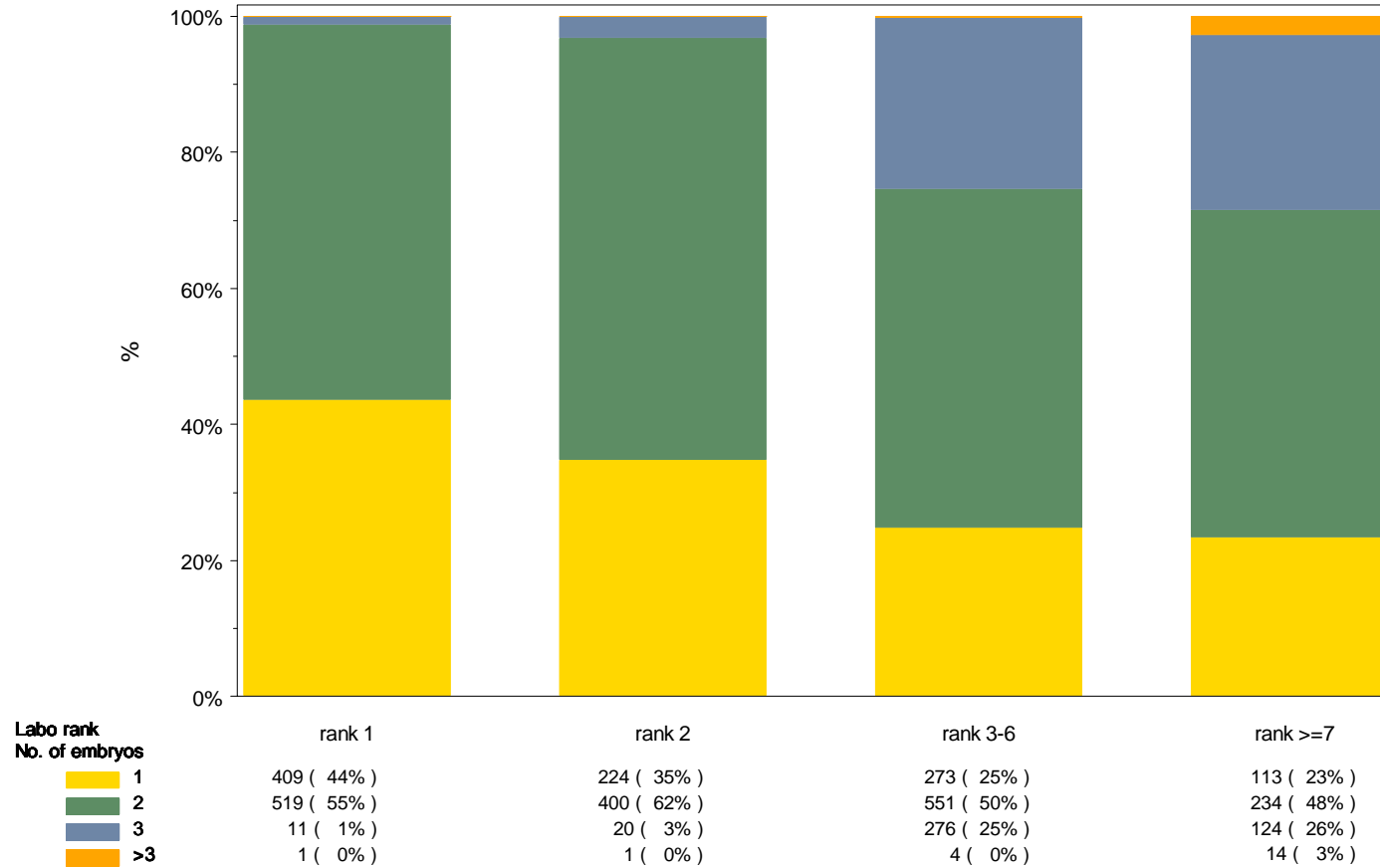
Figure 2.16 Own fresh cycles: Embryos transferred women 40-43 years old

All Centres (N=1819, Missing=94)

Labo rank No. of embryos		rank 1	rank 2	rank 3-6	rank >=7
🟨	1	152 (29%)	100 (26%)	170 (27%)	54 (19%)
🟩	2	223 (42%)	149 (39%)	185 (30%)	92 (32%)
🔵	3	135 (26%)	117 (31%)	209 (34%)	97 (34%)
🟧	>3	19 (4%)	16 (4%)	58 (9%)	43 (15%)
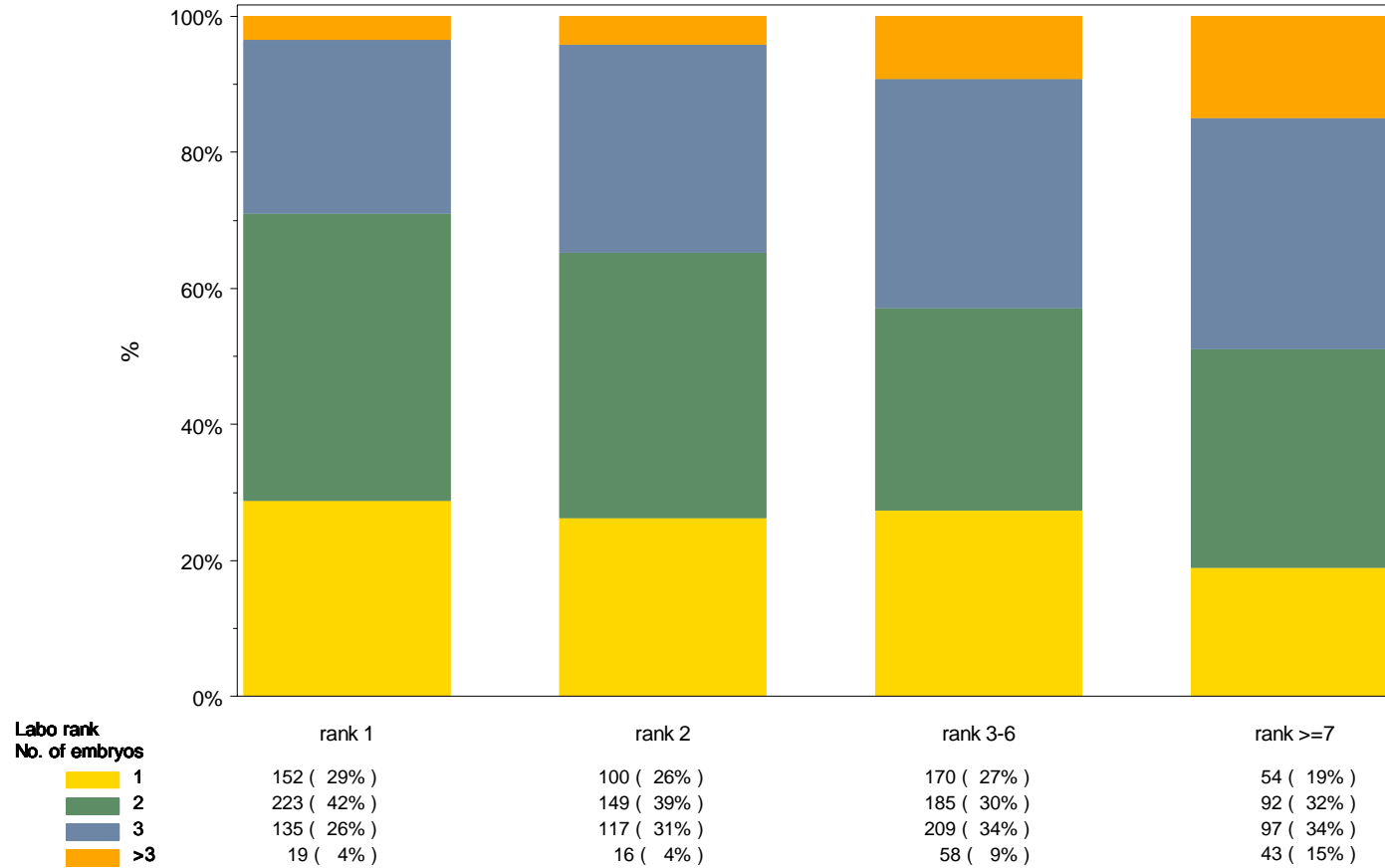
Table 2.17 Own fresh cycles: Laboratory data

	All Centres (N=19061, Missing=0)				
	Oocytes retrieved	**Oocytes inseminated (IVF, ICSI or mixed)**	**2 PN oocytes**	**Transferred embryos**	**Cryopreserved embryos**
n	164354	141496	95690	24784	30448
%	100.0%	86.1%	58.2%	15.1%	18.5%
per initiated cycle	8.6	7.4	5.0	1.3	1.6

Figure 2.18 Own fresh cycles: Summary pick-up cycles

Cycle Type	Initiated	Aspiration	oocytes retrieved >=1	oocytes inseminated >=1	2 pn >=1	transfer embryo >=1	cryopreservation >=1 embryo
No. of Cycles (%)							
All Centres	19061 (100%)	17346 (91%)	17046 (89%)	16840 (88%)	16060 (84%)	15343 (80%)	7226 (38%)
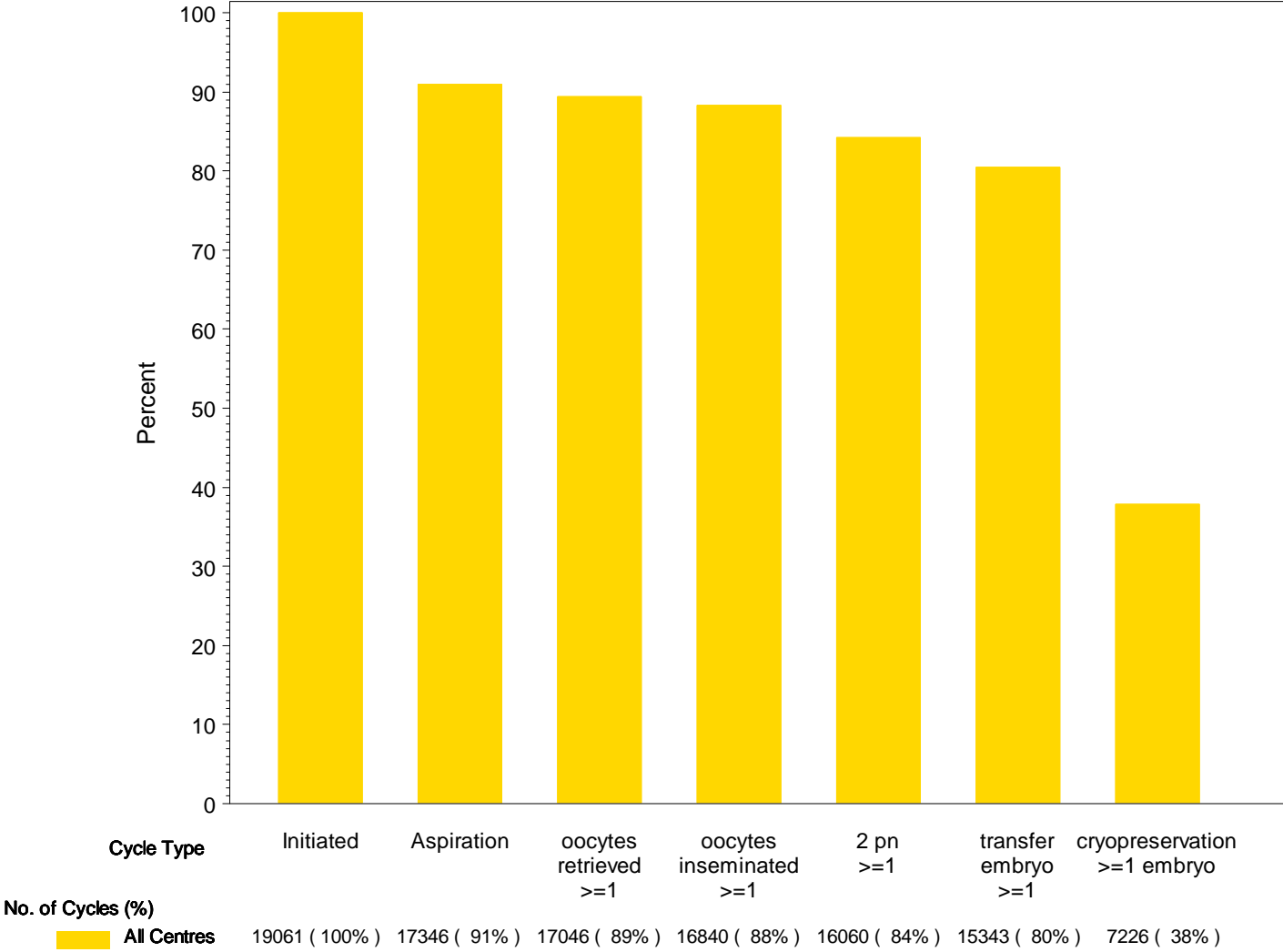
Figure 2.19 Own fresh cycles: Distribution of embryo transfers

All Centres (N=15340, Missing=3)
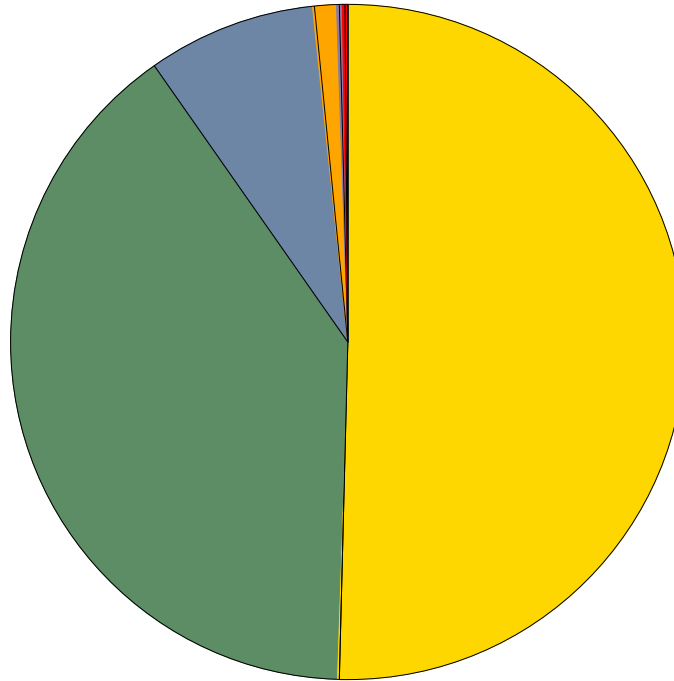
Number of embryos transferred

■	1 embryo :	n (%) = 7737 (50.44%)
■	2 embryos :	n (%) = 6106 (39.80%)
■	3 embryos :	n (%) = 1247 (8.13%)
■	4 embryos :	n (%) = 185 (1.21%)
■	5 embryos :	n (%) = 39 (0.25%)
■	6 embryos :	n (%) = 24 (0.16%)
■	8 embryos :	n (%) = 1 (0.01%)

Table 2.20 Own fresh cycles: Cause of no transfer

	Statistic	All Centres
No Transfer	N	1950
No oocyte	n/N (%)	248/1950 (12.72%)
No sperm	n/N (%)	57/1950 (2.92%)
No transferable embryo available	n/N (%)	1221/1950 (62.62%)
OHSS risk	n/N (%)	107/1950 (5.49%)
Other reason	n/N (%)	344/1950 (17.64%)
Unknown	n/N (%)	80/1950 (4.10%)

Some patients can have more than one cause identified per cycle.

Figure 2.21 Own fresh cycles: Day of embryos transfer

All Centres (N=15318, Missing=25)
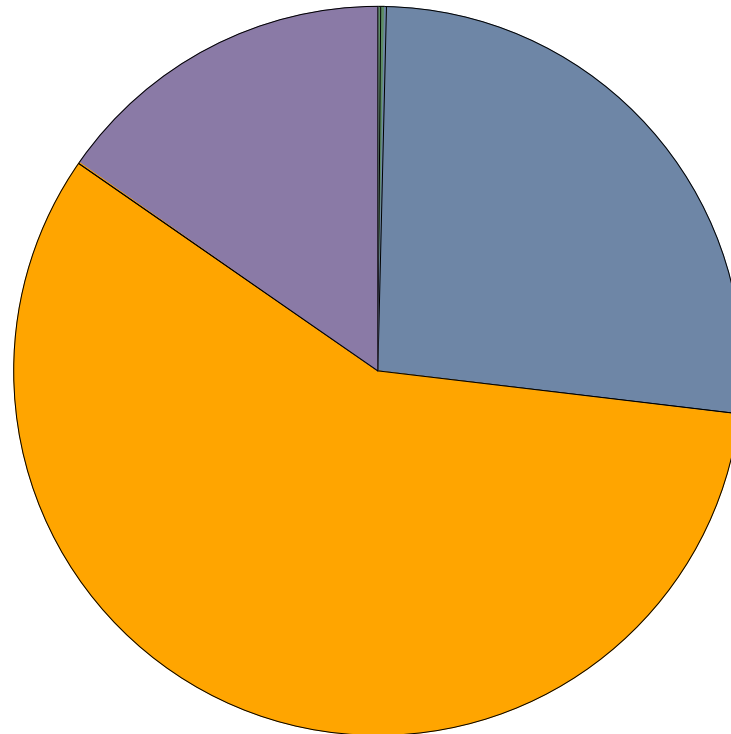
Day of Embryo Transfer

Day 0:	n (%) =	18 (0.12%)
Day 1:	n (%) =	34 (0.22%)
Day 2:	n (%) =	4071 (26.58%)
Day 3:	n (%) =	8842 (57.72%)
Day 4-5-6-7:	n (%) =	2353 (15.36%)

Table 2.22 Own fresh cycles: Cycles with cryopreservation

	All Centres (N=17020, Missing=26)
Number of cycles with cryopreservation	7226/17020 (42%)
Number of embryos cryopreserved	30448
Number of embryos per cryopreservation procedure	
Median	3.0
(Q1,Q3)	(2.0; 5.0)
Stage of the cryopreserved embryos	
2 PN	3623/30448 (12%)
Cleaved	22660/30448 (74%)
Blastocyts	4165/30448 (14%)
Percent freezing of non transferred embryos	30448/139570 (22%)

 Based on all cycles with at least one oocyte retrieved.
Q1,Q3 = 1st and 3rd quartile.

Table 2.23 Own fresh cycles: Number of HCG+ pregnancies according to age and rank

Rank	1	2	3-6	>=7	Total
< 36 (yrs)					
All Centres (N=10335, Missing=435)					
Aspirations	4129	2409	2958	839	10335
Transfers	3786	2243	2743	683	9455
HCG + per aspiration cycle	1493/4119 (36.2%) (36.2% - 36.4%)	915/2399 (38.1%) (38.0% - 38.4%)	1051/2950 (35.6%) (35.5% - 35.8%)	277/837 (33.1%) (33.0% - 33.3%)	3736/10305 (36.3%) (36.1% - 36.4%)
HCG + per embryo transfer	1493/3776 (39.5%) (39.4% - 39.7%)	915/2233 (41.0%) (40.8% - 41.2%)	1051/2735 (38.4%) (38.3% - 38.6%)	277/681 (40.7%) (40.6% - 40.8%)	3736/9425 (39.6%) (39.5% - 39.8%)

NA=no cycles with data available.
In the calculation of the ratios, only cycles with available data are considered. In the line underneath, the range expresses the minimum
and maximum possible rates when accounting for missing data by considering missing HCG results as negative and positive, respectively.

Table 2.23 Own fresh cycles: Number of HCG+ pregnancies according to age and rank

Rank	1	2	3-6	>=7	Total
[36-40[(yrs)					
All Centres (N=3571, Missing=330)					
Aspirations	1043	713	1223	592	3571
Transfers	940	646	1105	485	3176
HCG + per aspiration cycle	333/1038 (32.1%) (31.9% - 32.4%)	198/711 (27.8%) (27.8% - 28.1%)	331/1219 (27.2%) (27.1% - 27.4%)	193/590 (32.7%) (32.6% - 32.9%)	1055/3558 (29.7%) (29.5% - 29.9%)
HCG + per embryo transfer	333/935 (35.6%) (35.4% - 36.0%)	198/644 (30.7%) (30.7% - 31.0%)	331/1101 (30.1%) (30.0% - 30.3%)	193/483 (40.0%) (39.8% - 40.2%)	1055/3163 (33.4%) (33.2% - 33.6%)

 NA=no cycles with data available.
In the calculation of the ratios, only cycles with available data are considered. In the line underneath, the range expresses the minimum
and maximum possible rates when accounting for missing data by considering missing HCG results as negative and positive, respectively.

Table 2.23 Own fresh cycles: Number of HCG+ pregnancies according to age and rank

Rank	1	2	3-6	>=7	Total
[40-43[(yrs)					
All Centres (N=2111, Missing=199)					
Aspirations	612	427	700	372	2111
Transfers	529	382	622	286	1819
HCG + per aspiration cycle	140/610 (23.0%) (22.9% - 23.2%)	100/422 (23.7%) (23.4% - 24.6%)	139/699 (19.9%) (19.9% - 20.0%)	96/370 (25.9%) (25.8% - 26.3%)	475/2101 (22.6%) (22.5% - 23.0%)
HCG + per embryo transfer	140/527 (26.6%) (26.5% - 26.8%)	100/377 (26.5%) (26.2% - 27.5%)	139/621 (22.4%) (22.3% - 22.5%)	96/284 (33.8%) (33.6% - 34.3%)	475/1809 (26.3%) (26.1% - 26.7%)

NA=no cycles with data available.
In the calculation of the ratios, only cycles with available data are considered. In the line underneath, the range expresses the minimum
and maximum possible rates when accounting for missing data by considering missing HCG results as negative and positive, respectively.

Table 2.23 Own fresh cycles: Number of HCG+ pregnancies according to age and rank

Rank	1	2	3-6	>=7	Total
>=43 (yrs)					
All Centres (N=261, Missing=101)					
Aspirations	48	35	40	138	261
Transfers	42	30	36	114	222
HCG + per aspiration cycle	2/45 (4.4%) (4.2% - 10.4%)	3/34 (8.8%) (8.6% - 11.4%)	2/37 (5.4%) (5.0% - 12.5%)	24/136 (17.6%) (17.4% - 18.8%)	31/252 (12.3%) (11.9% - 15.3%)
HCG + per embryo transfer	2/39 (5.1%) (4.8% - 11.9%)	3/29 (10.3%) (10.0% - 13.3%)	2/33 (6.1%) (5.6% - 13.9%)	24/112 (21.4%) (21.1% - 22.8%)	31/213 (14.6%) (14.0% - 18.0%)

NA=no cycles with data available.
In the calculation of the ratios, only cycles with available data are considered. In the line underneath, the range expresses the minimum
and maximum possible rates when accounting for missing data by considering missing HCG results as negative and positive, respectively.

Table 2.24 Own fresh cycles: Number of clinical pregnancies according to age and rank

Rank	1	2	3-6	>=7	Total
< 36 (yrs)					
All Centres (N=10335, Missing=435)					
Aspirations	4129	2409	2958	839	10335
Transfers	3786	2243	2743	683	9455
Clinical Pregnancy per aspiration cycle	1300/4129 (31.5%) (31.5% - 31.5%)	780/2409 (32.4%) (32.4% - 32.4%)	909/2958 (30.7%) (30.7% - 30.7%)	204/839 (24.3%) (24.3% - 24.3%)	3193/10335 (30.9%) (30.9% - 30.9%)
Clinical Pregnancy per embryo transfer	1300/3786 (34.3%) (34.3% - 34.3%)	780/2243 (34.8%) (34.8% - 34.8%)	909/2743 (33.1%) (33.1% - 33.1%)	204/683 (29.9%) (29.9% - 29.9%)	3193/9455 (33.8%) (33.8% - 33.8%)

 NA=no cycles with data available.
In the calculation of the ratios, only cycles with available data are considered. In the line underneath, the range expresses the minimum
and maximum possible rates when accounting for missing data by considering missing results as negative and positive, respectively.

Table 2.24 Own fresh cycles: Number of clinical pregnancies according to age and rank

Rank	1	2	3-6	>=7	Total
[36-40[(yrs)					
All Centres (N=3571, Missing=330)					
Aspirations	1043	713	1223	592	3571
Transfers	940	646	1105	485	3176
Clinical Pregnancy per aspiration cycle	286/1043 (27.4%) (27.4% - 27.4%)	160/713 (22.4%) (22.4% - 22.4%)	274/1223 (22.4%) (22.4% - 22.4%)	142/592 (24.0%) (24.0% - 24.0%)	862/3571 (24.1%) (24.1% - 24.1%)
Clinical Pregnancy per embryo transfer	286/940 (30.4%) (30.4% - 30.4%)	160/646 (24.8%) (24.8% - 24.8%)	274/1105 (24.8%) (24.8% - 24.8%)	142/485 (29.3%) (29.3% - 29.3%)	862/3176 (27.1%) (27.1% - 27.1%)

NA=no cycles with data available.
In the calculation of the ratios, only cycles with available data are considered. In the line underneath, the range expresses the minimum and maximum possible rates when accounting for missing data by considering missing results as negative and positive, respectively.

Table 2.24 Own fresh cycles: Number of clinical pregnancies according to age and rank

Rank	1	2	3-6	>=7	Total
[40-43[(yrs)					
All Centres (N=2111, Missing=199)					
Aspirations	612	427	700	372	2111
Transfers	529	382	622	286	1819
Clinical Pregnancy per aspiration cycle	122/612 (19.9%) (19.9% - 19.9%)	87/427 (20.4%) (20.4% - 20.4%)	110/700 (15.7%) (15.7% - 15.7%)	64/372 (17.2%) (17.2% - 17.2%)	383/2111 (18.1%) (18.1% - 18.1%)
Clinical Pregnancy per embryo transfer	122/529 (23.1%) (23.1% - 23.1%)	87/382 (22.8%) (22.8% - 22.8%)	110/622 (17.7%) (17.7% - 17.7%)	64/286 (22.4%) (22.4% - 22.4%)	383/1819 (21.1%) (21.1% - 21.1%)

 NA=no cycles with data available.
In the calculation of the ratios, only cycles with available data are considered. In the line underneath, the range expresses the minimum
and maximum possible rates when accounting for missing data by considering missing results as negative and positive, respectively.

Table 2.24 Own fresh cycles: Number of clinical pregnancies according to age and rank

Rank	1	2	3-6	>=7	Total
>=43 (yrs)					
All Centres (N=261, Missing=101)					
Aspirations	48	35	40	138	261
Transfers	42	30	36	114	222
Clinical Pregnancy per aspiration cycle	1/48 (2.1%) (2.1% - 2.1%)	3/35 (8.6%) (8.6% - 8.6%)	2/40 (5.0%) (5.0% - 5.0%)	14/138 (10.1%) (10.1% - 10.1%)	20/261 (7.7%) (7.7% - 7.7%)
Clinical Pregnancy per embryo transfer	1/42 (2.4%) (2.4% - 2.4%)	3/30 (10.0%) (10.0% - 10.0%)	2/36 (5.6%) (5.6% - 5.6%)	14/114 (12.3%) (12.3% - 12.3%)	20/222 (9.0%) (9.0% - 9.0%)

NA=no cycles with data available.
In the calculation of the ratios, only cycles with available data are considered. In the line underneath, the range expresses the minimum and maximum possible rates when accounting for missing data by considering missing results as negative and positive, respectively.

Table 2.25 Own fresh cycles: Number of clinical pregnancies including FHB according to age and rank

Rank	1	2	3-6	>=7	Total
< 36 (yrs)					
All Centres (N=10335, Missing=435)					
Aspirations	4129	2409	2958	839	10335
Transfers	3786	2243	2743	683	9455
FHB: 1/2/3/4	1186/16/1/0	628/85/2/0	644/192/4/0	138/47/1/0	2596/340/8/0
Clinical Pregnancy + FHB per aspiration cycle	1203/4129 (29.1%) (29.1% - 29.1%)	715/2409 (29.7%) (29.7% - 29.7%)	840/2958 (28.4%) (28.4% - 28.4%)	186/839 (22.2%) (22.2% - 22.2%)	2944/10335 (28.5%) (28.5% - 28.5%)
Clinical Pregnancy + FHB per embryo transfer	1203/3786 (31.8%) (31.8% - 31.8%)	715/2243 (31.9%) (31.9% - 31.9%)	840/2743 (30.6%) (30.6% - 30.6%)	186/683 (27.2%) (27.2% - 27.2%)	2944/9455 (31.1%) (31.1% - 31.1%)

NA=no cycles with data available.
In the calculation of the ratios, only cycles with available data are considered. In the line underneath, the range expresses the minimum and maximum possible rates when accounting for missing data by considering missing results as negative and positive, respectively.

Table 2.25 Own fresh cycles: Number of clinical pregnancies including FHB according to age and rank

Rank	1	2	3-6	>=7	Total
[36-40[(yrs)					
All Centres (N=3571, Missing=330)					
Aspirations	1043	713	1223	592	3571
Transfers	940	646	1105	485	3176
FHB: 1/2/3/4	215/36/1/0	117/21/2/0	202/40/2/1	98/19/4/0	632/116/9/1
Clinical Pregnancy + FHB per aspiration cycle	252/1043 (24.2%) (24.2% - 24.2%)	140/713 (19.6%) (19.6% - 19.6%)	245/1223 (20.0%) (20.0% - 20.0%)	121/592 (20.4%) (20.4% - 20.4%)	758/3571 (21.2%) (21.2% - 21.2%)
Clinical Pregnancy + FHB per embryo transfer	252/940 (26.8%) (26.8% - 26.8%)	140/646 (21.7%) (21.7% - 21.7%)	245/1105 (22.2%) (22.2% - 22.2%)	121/485 (24.9%) (24.9% - 24.9%)	758/3176 (23.9%) (23.9% - 23.9%)

NA=no cycles with data available.
In the calculation of the ratios, only cycles with available data are considered. In the line underneath, the range expresses the minimum and maximum possible rates when accounting for missing data by considering missing results as negative and positive, respectively.

Table 2.25 Own fresh cycles: Number of clinical pregnancies including FHB according to age and rank

Rank	1	2	3-6	>=7	Total
[40-43[(yrs)					
All Centres (N=2111, Missing=199)					
Aspirations	612	427	700	372	2111
Transfers	529	382	622	286	1819
FHB: 1/2/3/4	98/7/2/0	59/13/1/0	82/7/1/0	44/10/0/0	283/37/4/0
Clinical Pregnancy + FHB per aspiration cycle	107/612 (17.5%) (17.5% - 17.5%)	73/427 (17.1%) (17.1% - 17.1%)	90/700 (12.9%) (12.9% - 12.9%)	54/372 (14.5%) (14.5% - 14.5%)	324/2111 (15.3%) (15.3% - 15.3%)
Clinical Pregnancy + FHB per embryo transfer	107/529 (20.2%) (20.2% - 20.2%)	73/382 (19.1%) (19.1% - 19.1%)	90/622 (14.5%) (14.5% - 14.5%)	54/286 (18.9%) (18.9% - 18.9%)	324/1819 (17.8%) (17.8% - 17.8%)

NA=no cycles with data available.
In the calculation of the ratios, only cycles with available data are considered. In the line underneath, the range expresses the minimum
and maximum possible rates when accounting for missing data by considering missing results as negative and positive, respectively.

Table 2.25 Own fresh cycles: Number of clinical pregnancies including FHB according to age and rank

Rank	1	2	3-6	>=7	Total
>=43 (yrs)					
All Centres (N=261, Missing=101)					
Aspirations	48	35	40	138	261
Transfers	42	30	36	114	222
FHB: 1/2/3/4	1/0/0/0	2/0/0/0	0/0/0/0	11/1/0/0	14/1/0/0
Clinical Pregnancy + FHB per aspiration cycle	1/48 (2.1%) (2.1% - 2.1%)	2/35 (5.7%) (5.7% - 5.7%)	0/40 (0.0% - 0.0%)	12/138 (8.7%) (8.7% - 8.7%)	15/261 (5.7%) (5.7% - 5.7%)
Clinical Pregnancy + FHB per embryo transfer	1/42 (2.4%) (2.4% - 2.4%)	2/30 (6.7%) (6.7% - 6.7%)	0/36 (0.0% - 0.0%)	12/114 (10.5%) (10.5% - 10.5%)	15/222 (6.8%) (6.8% - 6.8%)

NA=no cycles with data available.
In the calculation of the ratios, only cycles with available data are considered. In the line underneath, the range expresses the minimum and maximum possible rates when accounting for missing data by considering missing results as negative and positive, respectively.

Table 2.26 Own fresh cycles: Number of deliveries according to age and rank

Rank	1	2	3-6	>=7	Total
< 36 (yrs)					
All Centres (N=10335, Missing=435)					
Aspirations	4129	2409	2958	839	10335
Transfers	3786	2243	2743	683	9455
Number per delivery: 1/2/3	956/12/0	514/70/0	543/143/3	87/23/0	2100/248/3
Delivery rate per aspiration cycle	968/4036 (24.0%) (23.4% - 25.7%)	584/2352 (24.8%) (24.2% - 26.6%)	689/2906 (23.7%) (23.3% - 25.1%)	110/733 (15.0%) (13.1% - 25.7%)	2351/10027 (23.4%) (22.7% - 25.7%)
Delivery rate per embryo transfer	968/3693 (26.2%) (25.6% - 28.0%)	584/2186 (26.7%) (26.0% - 28.6%)	689/2691 (25.6%) (25.1% - 27.0%)	110/577 (19.1%) (16.1% - 31.6%)	2351/9147 (25.7%) (24.9% - 28.1%)

NA=no cycles with data available.
In the calculation of the ratios, only cycles with available data are considered. In the line underneath, the range expresses the minimum
and maximum possible rates when accounting for missing data by considering missing delivery as negative and positive, respectively.

Table 2.26 Own fresh cycles: Number of deliveries according to age and rank

Rank	1	2	3-6	>=7	Total
[36-40[(yrs)					
All Centres (N=3571, Missing=330)					
Aspirations	1043	713	1223	592	3571
Transfers	940	646	1105	485	3176
Number per delivery: 1/2/3	170/25/1	96/16/1	161/30/1	73/12/1	500/83/4
Delivery rate per aspiration cycle	196/1029 (19.0%) (18.8% - 20.1%)	113/702 (16.1%) (15.8% - 17.4%)	192/1210 (15.9%) (15.7% - 16.8%)	86/542 (15.9%) (14.5% - 23.0%)	587/3483 (16.9%) (16.4% - 18.9%)
Delivery rate per embryo transfer	196/926 (21.2%) (20.9% - 22.3%)	113/635 (17.8%) (17.5% - 19.2%)	192/1092 (17.6%) (17.4% - 18.6%)	86/435 (19.8%) (17.7% - 28.0%)	587/3088 (19.0%) (18.5% - 21.3%)

NA=no cycles with data available.
In the calculation of the ratios, only cycles with available data are considered. In the line underneath, the range expresses the minimum
and maximum possible rates when accounting for missing data by considering missing delivery as negative and positive, respectively.

Table 2.26 Own fresh cycles: Number of deliveries according to age and rank

Rank	1	2	3-6	>=7	Total
[40-43[(yrs)					
All Centres (N=2111, Missing=199)					
Aspirations	612	427	700	372	2111
Transfers	529	382	622	286	1819
Number per delivery: 1/2/3	51/4/0	37/7/0	52/5/0	28/6/0	168/22/0
Delivery rate per aspiration cycle	55/603 (9.1%) (9.0% - 10.5%)	44/423 (10.4%) (10.3% - 11.2%)	57/695 (8.2%) (8.1% - 8.9%)	34/341 (10.0%) (9.1% - 17.5%)	190/2062 (9.2%) (9.0% - 11.3%)
Delivery rate per embryo transfer	55/520 (10.6%) (10.4% - 12.1%)	44/378 (11.6%) (11.5% - 12.6%)	57/617 (9.2%) (9.2% - 10.0%)	34/255 (13.3%) (11.9% - 22.7%)	190/1770 (10.7%) (10.4% - 13.1%)

NA=no cycles with data available.
In the calculation of the ratios, only cycles with available data are considered. In the line underneath, the range expresses the minimum
and maximum possible rates when accounting for missing data by considering missing delivery as negative and positive, respectively.

Table 2.26 Own fresh cycles: Number of deliveries according to age and rank

Rank	1	2	3-6	>=7	Total
>=43 (yrs)					
All Centres (N=261, Missing=101)					
Aspirations	48	35	40	138	261
Transfers	42	30	36	114	222
Number per delivery: 1/2/3	1/0/0	0/0/0	0/0/0	5/1/0	6/1/0
Delivery rate per aspiration cycle	1/48 (2.1%) (2.1% - 2.1%)	0/34 (0.0% - 2.9%)	0/40 (0.0% - 0.0%)	6/129 (4.7%) (4.3% - 10.9%)	7/251 (2.8%) (2.7% - 6.5%)
Delivery rate per embryo transfer	1/42 (2.4%) (2.4% - 2.4%)	0/29 (0.0% - 3.3%)	0/36 (0.0% - 0.0%)	6/105 (5.7%) (5.3% - 13.2%)	7/212 (3.3%) (3.2% - 7.7%)

NA=no cycles with data available.

In the calculation of the ratios, only cycles with available data are considered. In the line underneath, the range expresses the minimum and maximum possible rates when accounting for missing data by considering missing delivery as negative and positive, respectively.

Figure 2.27 Own fresh cycles: Implantation rate (No. of uterine sacs) per transferred embryo according to age

	<36	[36-40[	[40-43[	>=43	Total
All Centres	3673/13565 (27%)	1098/6228 (18%)	460/4277 (11%)	30/707 (4%)	5263/24784 (21%)
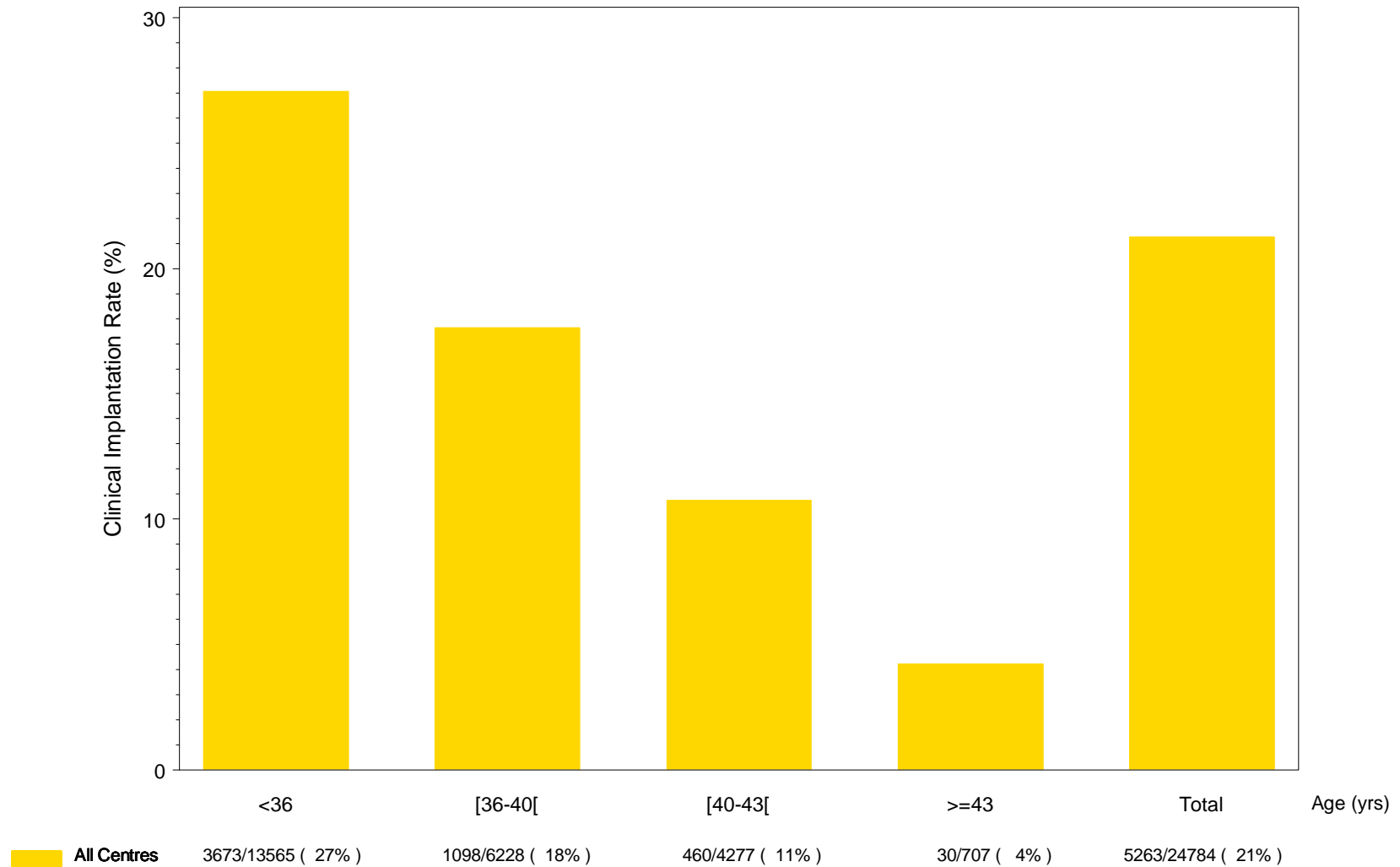
n/N (%) where n = Total number of uterine sacs; N = Total number of embryos transferred; %= n*100/N; NA = No cycles with data available.

Figure 2.28 Own fresh cycles: Clinical implantation rate (No. of FHB) per transferred embryo according to age

	<36	[36-40[	[40-43[	>=43	Total
All Centres	3371/13565 (25%)	953/6228 (15%)	384/4277 (9%)	22/707 (3%)	4732/24784 (19%)
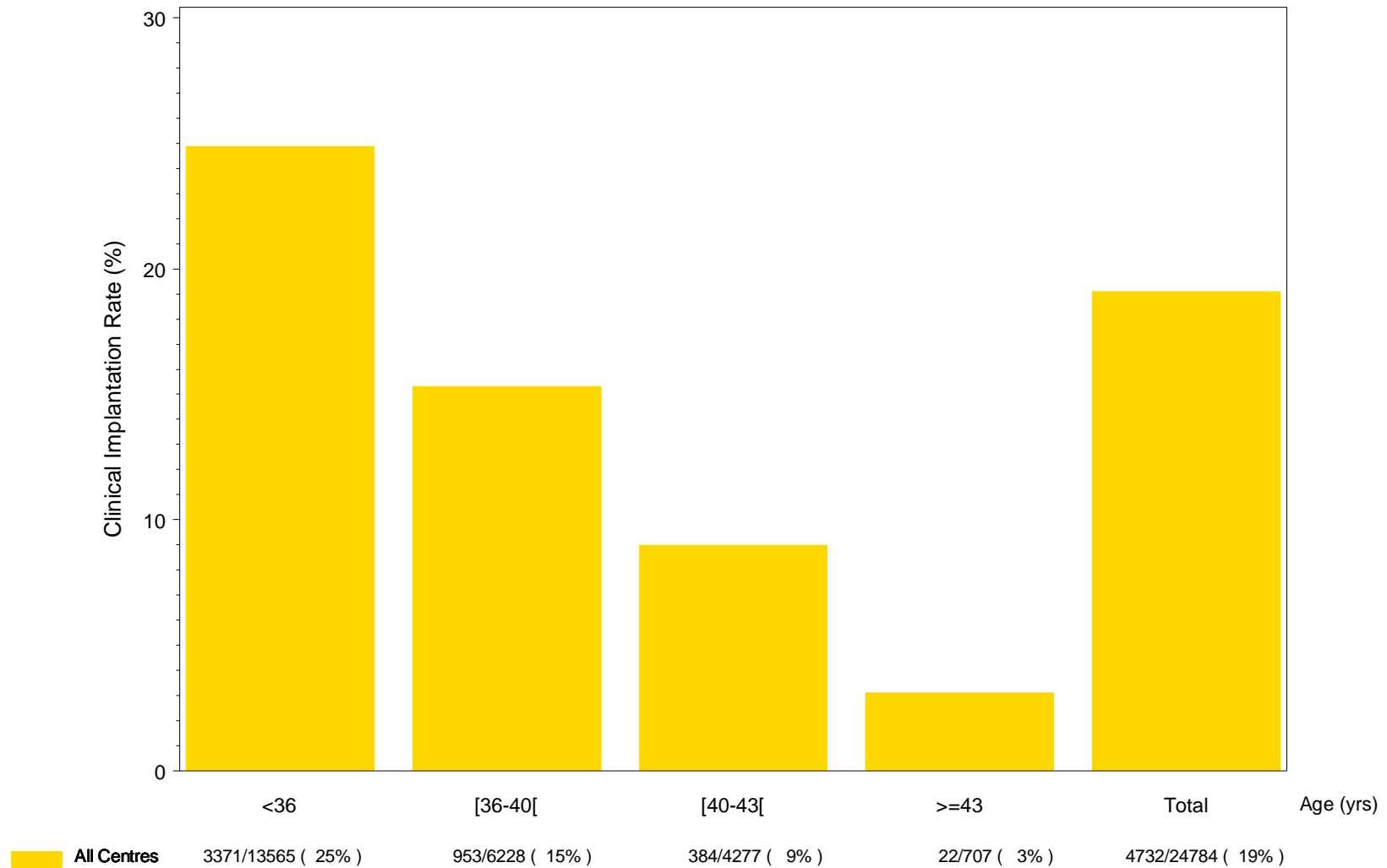
n/N (%) where n = Total number of FHB; N = Total number of embryos transferred; %= n*100/N; NA = No cycles with data available.

Figure 2.29 Own fresh cycles: Birth rate per transferred embryo according to age
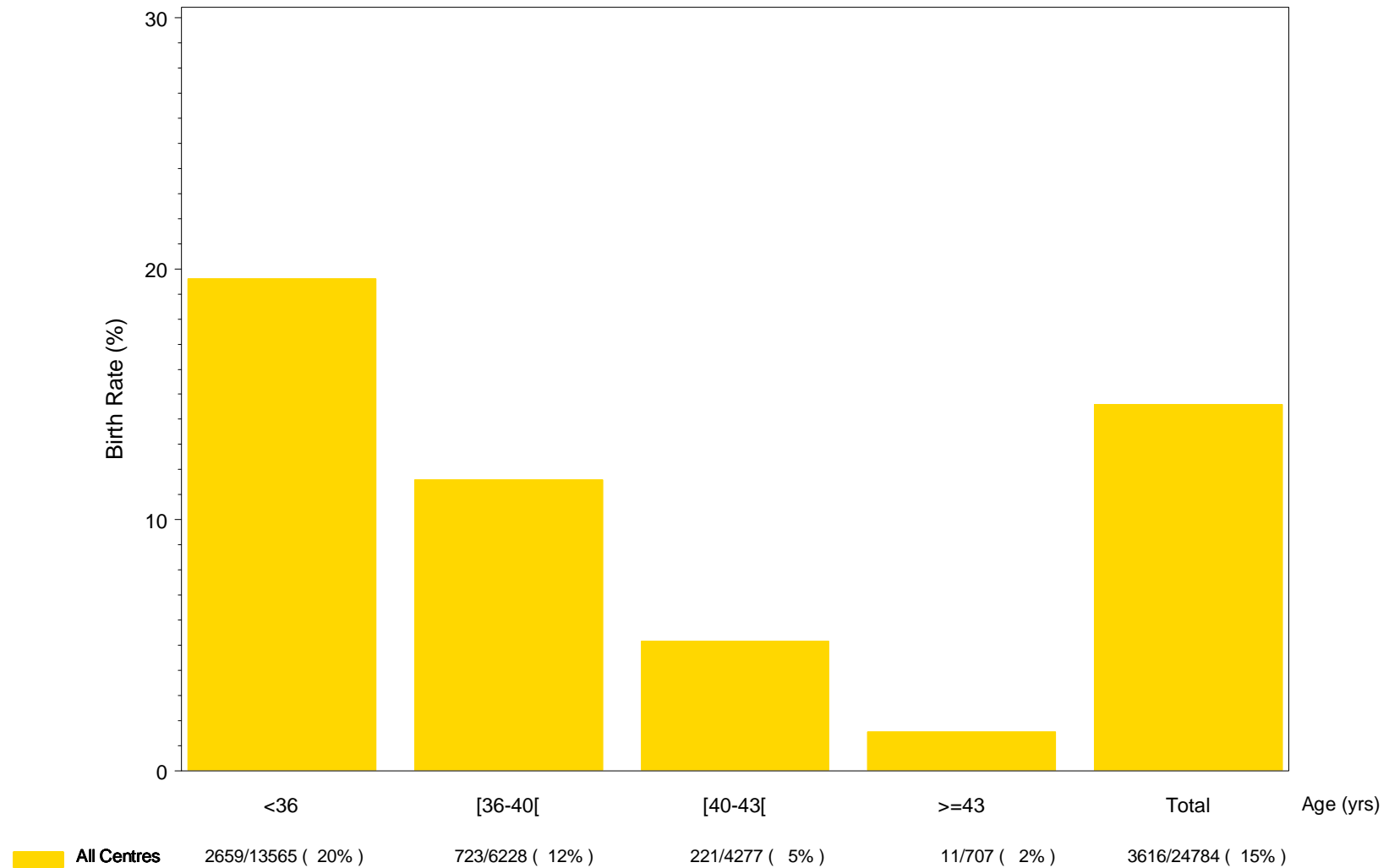
	<36	[36-40[	[40-43[	>=43	Total
All Centres	2659/13565 (20%)	723/6228 (12%)	221/4277 (5%)	11/707 (2%)	3616/24784 (15%)

n/N (%) where n = Total number of babies; N = Total number of embryos transferred; %= n*100/N; NA = No cycles with data available.

Figure 2.30 Own fresh cycles: Implantation rate (No. of uterine sacs) per transferred embryo according to rank
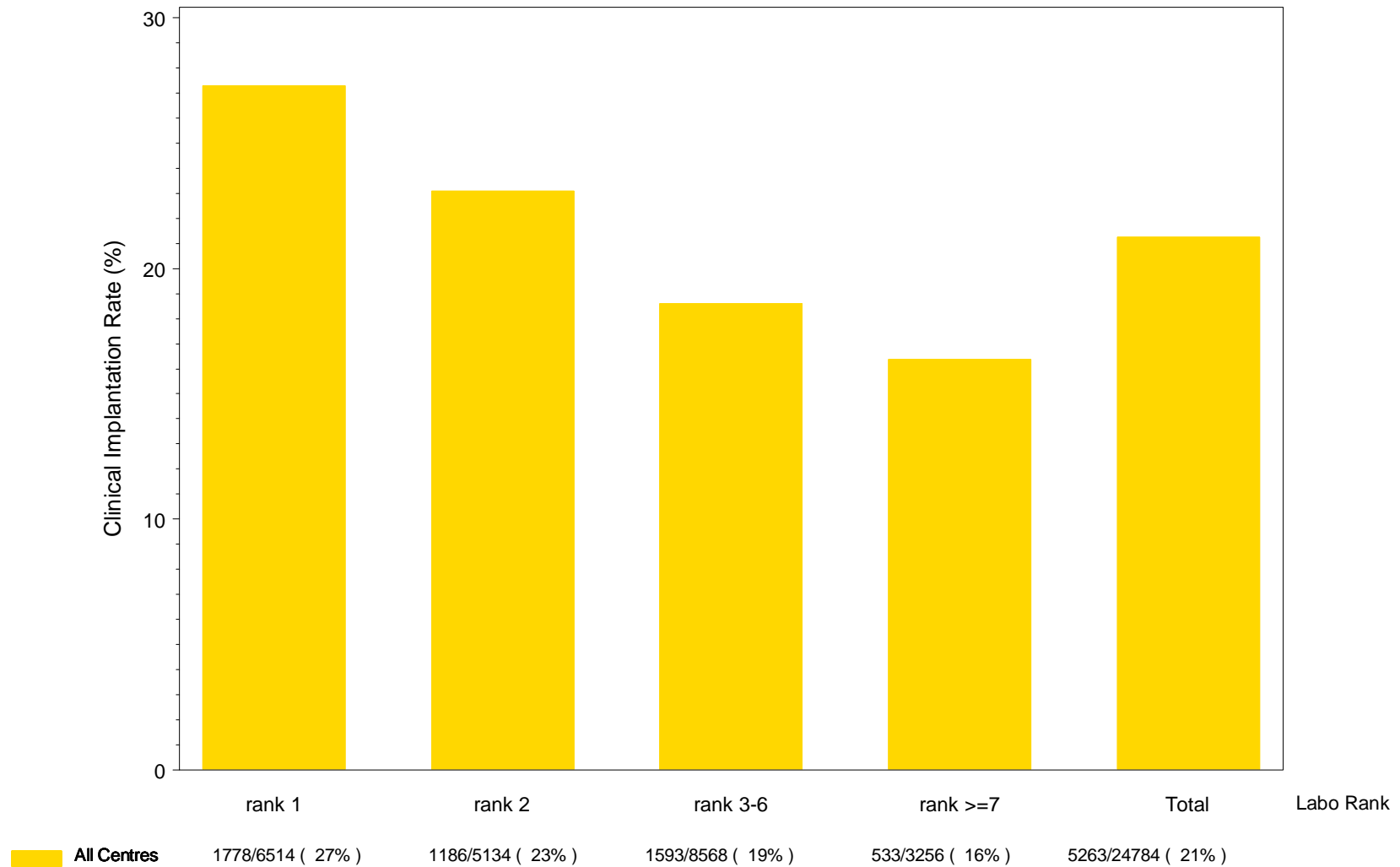
n/N (%) where n = Total number of uterine sacs; N = Total number of embryos transferred; %= n*100/N; NA = No cycles with data available.

Figure 2.31 Own fresh cycles: Clinical implantation rate (No. of FHB) per transferred embryo according to rank

	rank 1	rank 2	rank 3-6	rank >=7	Total
All Centres	1630/6514 (25%)	1059/5134 (21%)	1431/8568 (17%)	462/3256 (14%)	4732/24784 (19%)
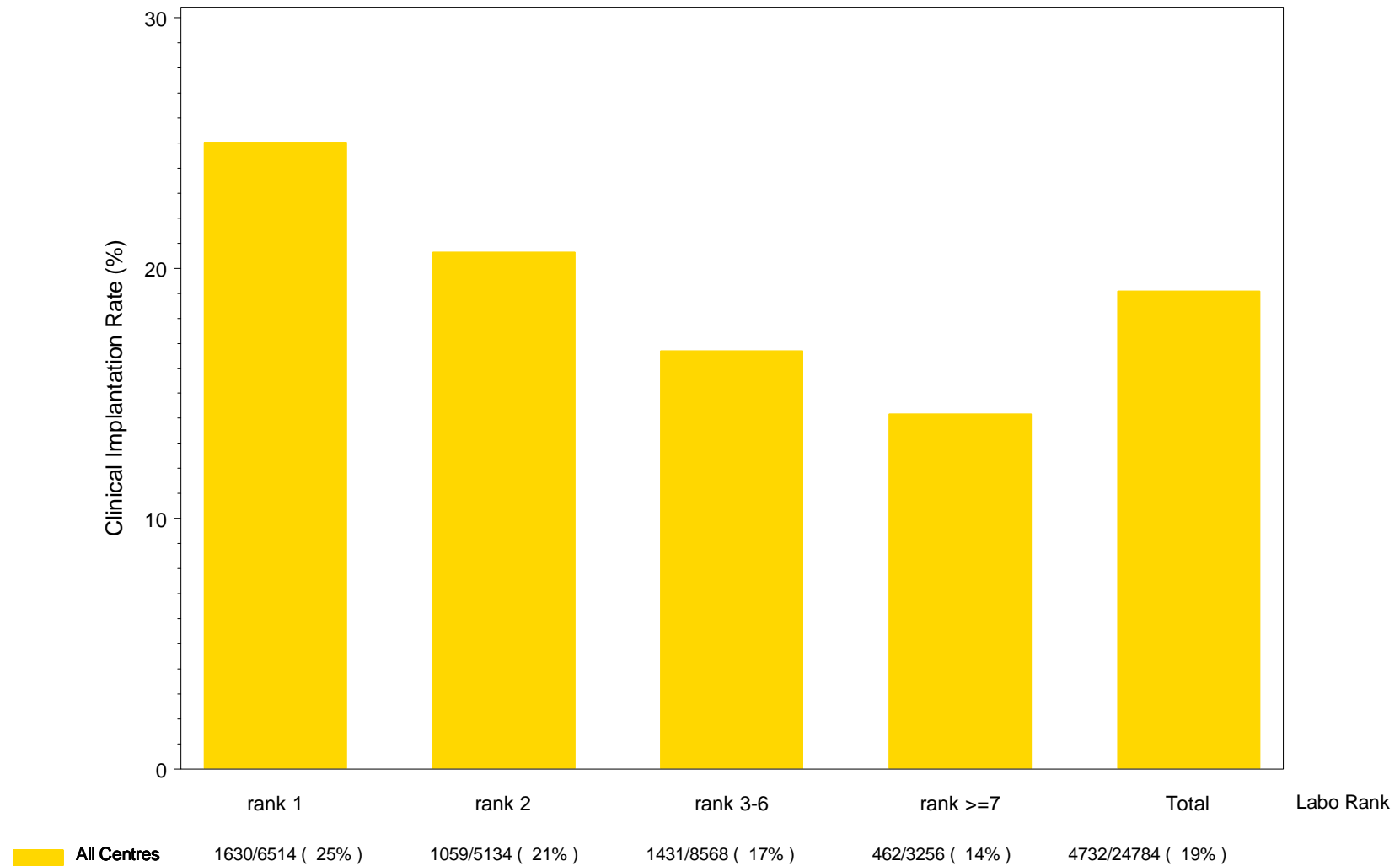
n/N (%) where n = Total number of FHB; N = Total number of embryos transferred; %= n*100/N; NA = No cycles with data available.

Figure 2.32 Own fresh cycles: Birth rate per transferred embryo according to rank
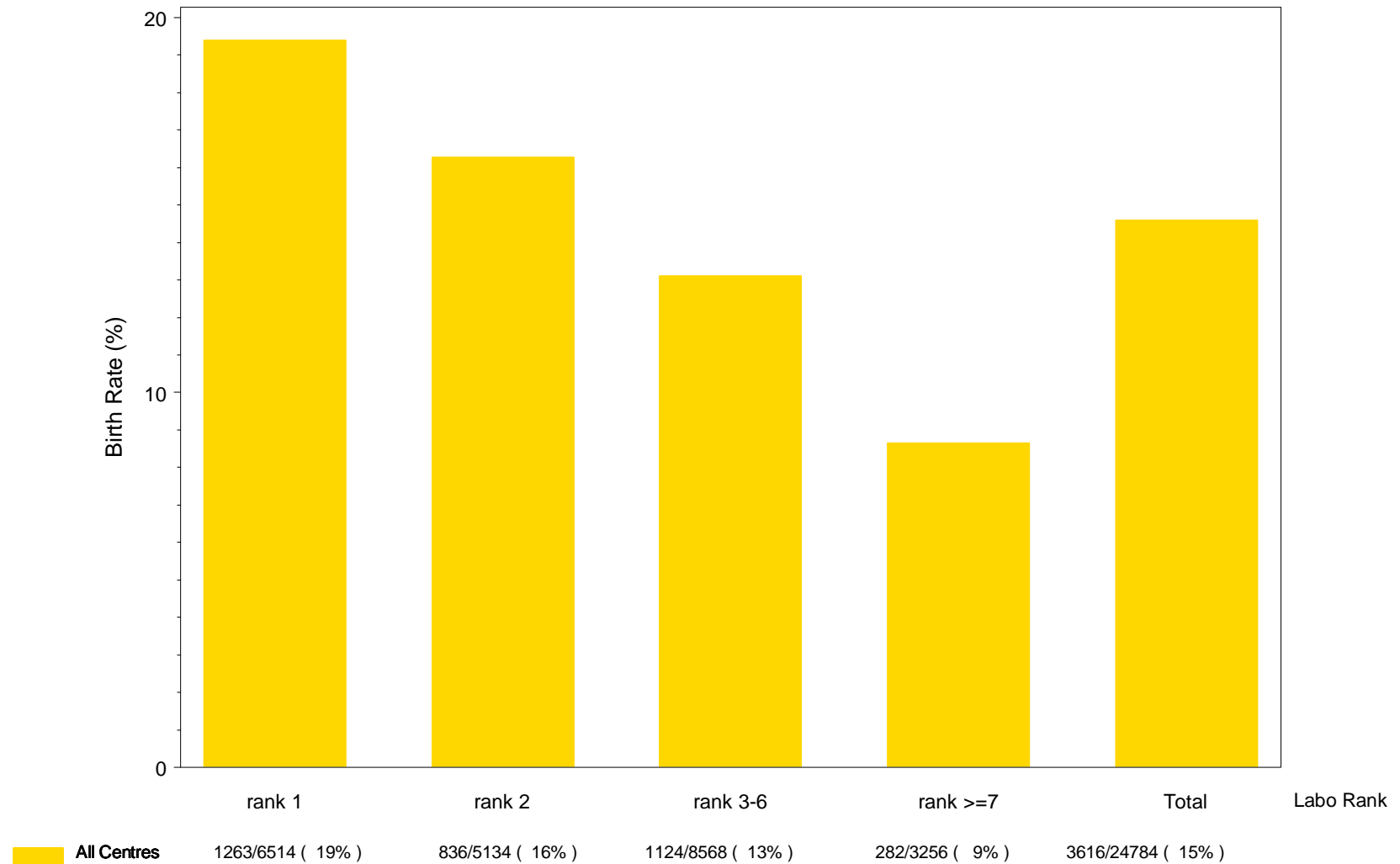
n/N (%) where n = Total number of babies; N = Total number of embryos transferred; %= n*100/N; NA = No cycles with data available.

Figure 2.33 Own fresh cycles: Number of deliveries

All Centres (N=3231, Missing=0)

Triplets
7
0.22%

Twins
372
11.51%

Singleton
2852
88.27%
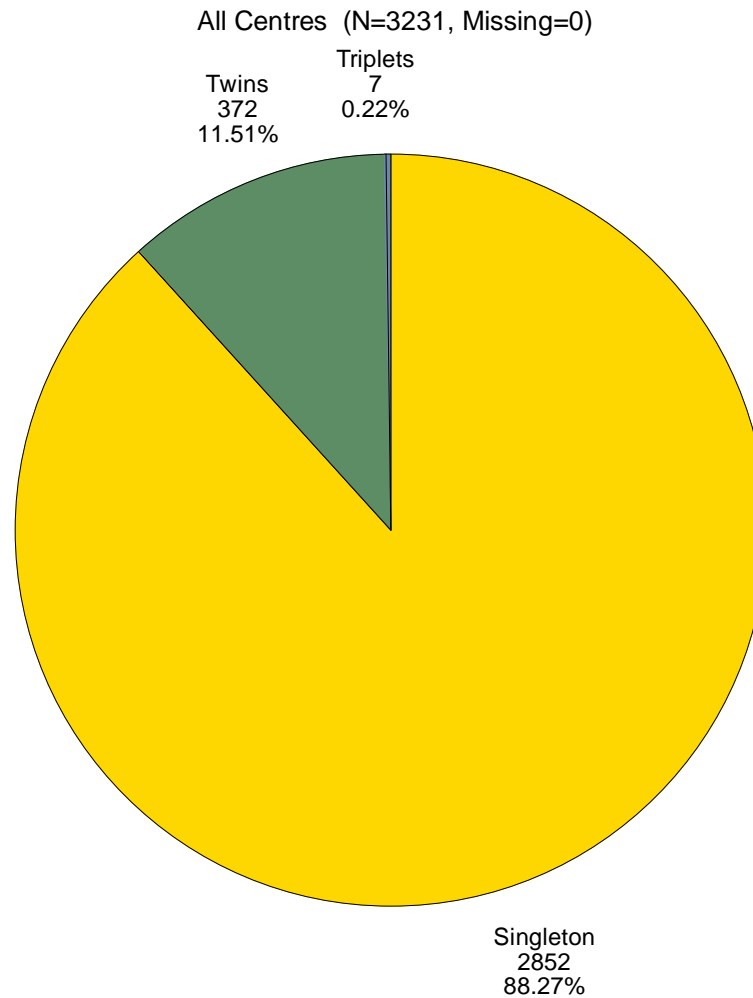
Deliveries of twins or triplets are only counted once.

Figure 2.34 Own fresh cycles: Type of deliveries

All Centres (N=3216, Missing=15)

Unknown
243
7.56%

Caesarean
909
28.26%

Vaginal
2064
64.18%
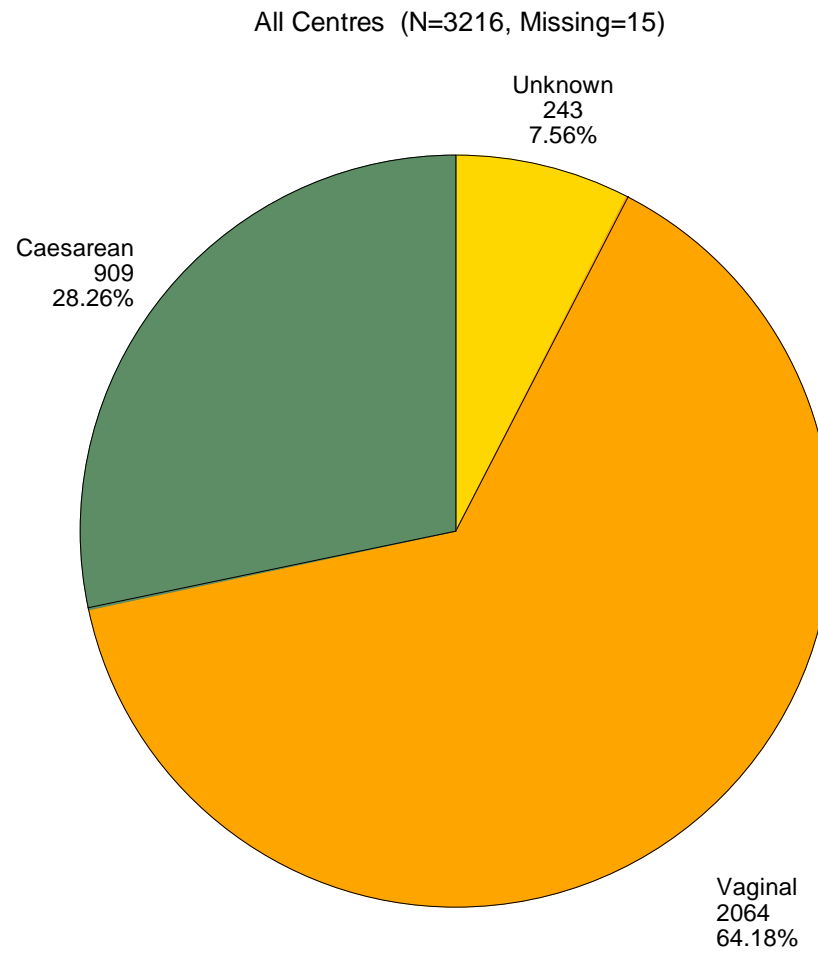
Deliveries of twins or triplets are only counted once.

Table 2.35 Own fresh cycles: Sex of babies

	All Centres (N=3593, Missing=24)
Sex of baby	
Male	1738/3593 (48.37%)
Female	1732/3593 (48.20%)
Unknown	123/3593 (3.42%)

Table 2.36 Own fresh cycles: Birth weight

	Statistic	All Centres (N=3403, Missing=214)
Birth weight (g)		
Singletons	N	2677
	Mean	3251.8
	Std	560.86
	Median	3270.0
	IQR	(2970.0; 3600.0)
Twins	N	709
	Mean	2368.6
	Std	577.20
	Median	2430.0
	IQR	(2010.0; 2750.0)
Triplets	N	17
	Mean	1802.9
	Std	595.23
	Median	1715.0
	IQR	(1330.0; 2000.0)

Table 2.37 Own fresh cycles: Gestational age at delivery

	Statistic	All Centres (N=3193, Missing=38)
Gestational age at delivery (weeks)		
Singletons	N	2819
	Mean	39.0
	Std	2.10
	Median	39.4
	IQR	(38.3; 40.3)
Twins	N	367
	Mean	35.8
	Std	2.87
	Median	36.6
	IQR	(34.9; 37.7)
Triplets	N	7
	Mean	34.1
	Std	2.40
	Median	33.1
	IQR	(32.4; 37.6)

Twin or triplet birth is counted as one birth event.

Figure 2.38 Own fresh cycles: Birth weight (boxplot)
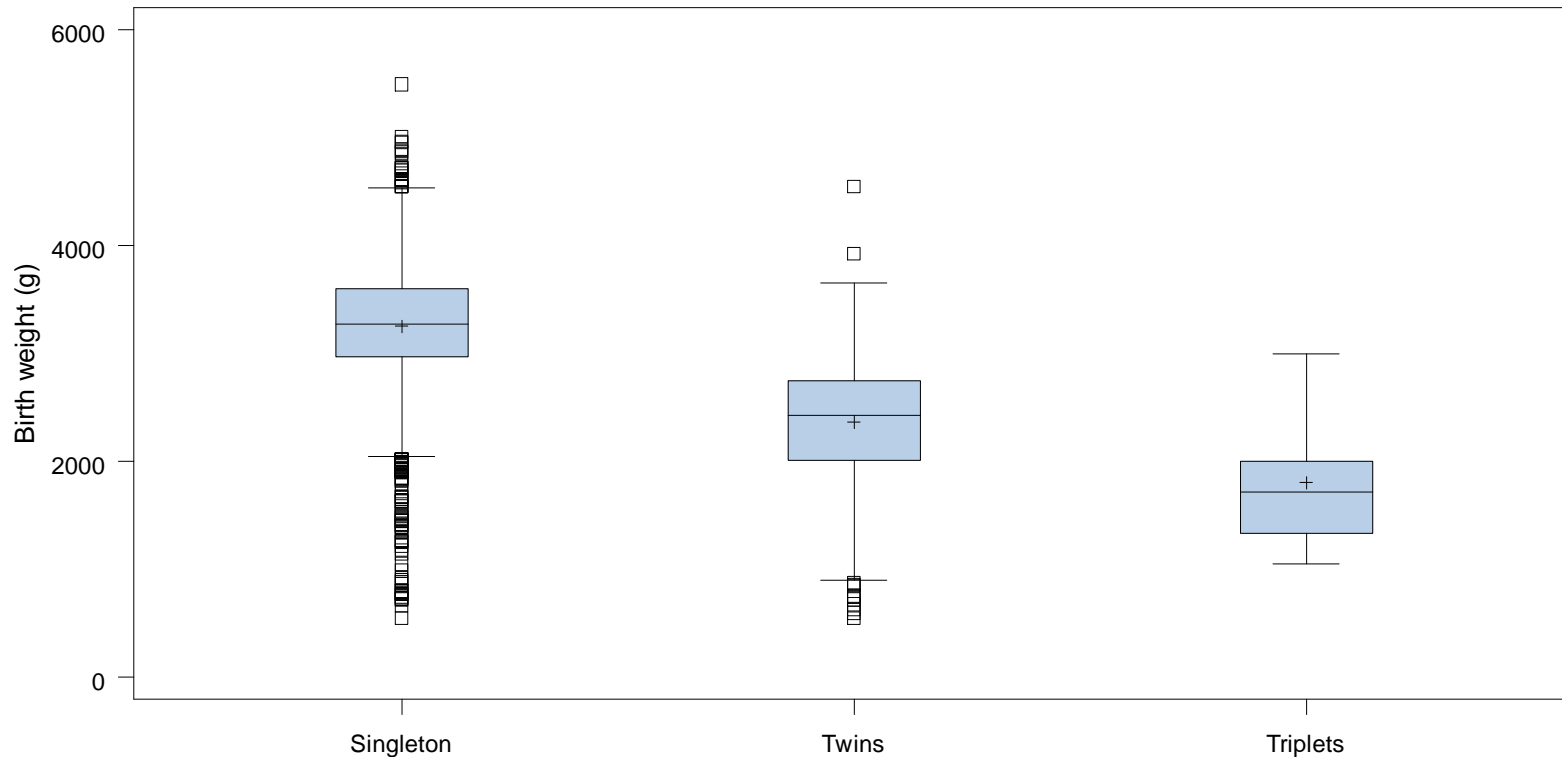
	Singleton	Twins	Triplets
	All Centres		
N	2677	709	17
Missing	175	35	4
Mean	3251.8	2368.6	1802.9
SD	560.86	577.20	595.23
Median	3270.0	2430.0	1715.0
(Min,Max)	(550,5500)	(550,4550)	(1045,2995)
(Q1,Q3)	(2970,3600)	(2010,2750)	(1330,2000)

Box plot shows median and interquartile range. Whiskers are drawn at (Q3+1.5*IQR, Q1-1.5*IQR).
Q1, Q3 = 1st and 3rd quartile, IQR = Q3 - Q1. +-sign indicates mean value.

Figure 2.39 Own fresh cycles: Gestational age at delivery (boxplot)
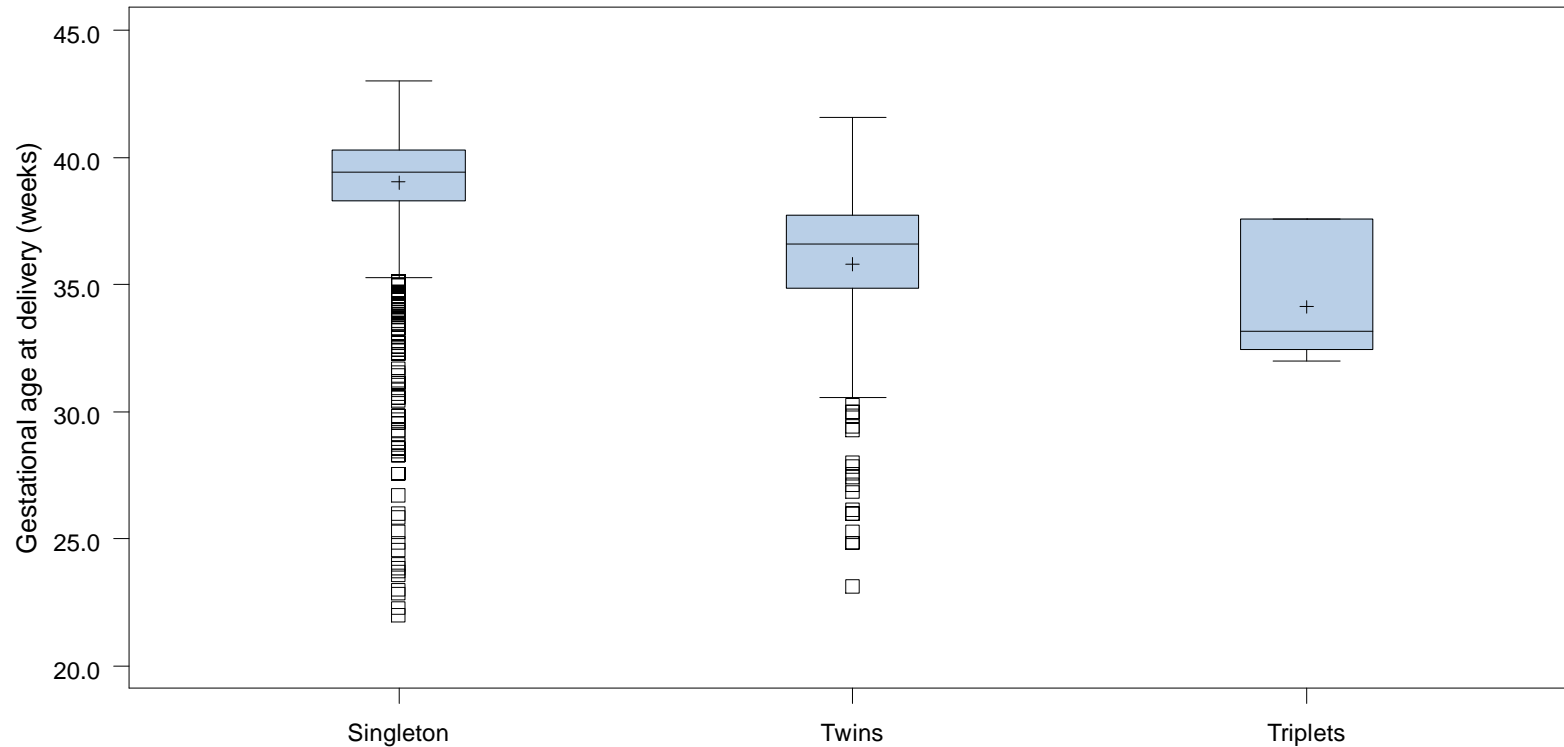
	Singleton	Twins	Triplets
		All Centres	
N	2819	367	7
Missing	33	5	0
Mean	39.0	35.8	34.1
SD	2.10	2.87	2.40
Median	39.4	36.6	33.1
(Min,Max)	(22,43)	(23,42)	(32,38)
(Q1,Q3)	(38,40)	(35,38)	(32,38)

Box plot shows median and interquartile range. Whiskers are drawn at (Q3+1.5*IQR, Q1-1.5*IQR).
Q1, Q3 = 1st and 3rd quartile, IQR = Q3 - Q1. +-sign indicates mean value.
Twin or triplet birth is counted as one birth event.

Table 2.40 Own fresh cycles: Prevalence of preterm birth according to type of delivery

Gestational age at delivery (weeks)	Type of delivery			
	Single birth event	Twin birth event	Triplet birth event	Total birth events
All Centres (N=3193, Missing=38)				
< 32	42 (1.5%)	34 (9.3%)	NA	76 (2.4%)
[32-37[	207 (7.3%)	172 (46.9%)	5 (71.4%)	384 (12.0%)
>=37	2570 (91.2%)	161 (43.9%)	2 (28.6%)	2733 (85.6%)
Total	2819 (100.0%)	367 (100.0%)	7 (100.0%)	3193 (100.0%)

 Twin or triplet birth is counted as one birth event.
NA: no data available

Table 2.41 Own fresh cycles: Prevalence of low birth weight according to type of delivery

Birth weight (g)	Type of delivery			
	Singletons	Twins	Triplets	Total
All Centres (N=3403, Missing=214)				
< 1500	35 (1.3%)	53 (7.5%)	6 (35.3%)	94 (2.8%)
[1500-2500[	158 (5.9%)	332 (46.8%)	8 (47.1%)	498 (14.6%)
>= 2500	2484 (92.8%)	324 (45.7%)	3 (17.6%)	2811 (82.6%)
Total	2677 (100.0%)	709 (100.0%)	17 (100.0%)	3403 (100.0%)

NA: no data available

Figure 2.42 Own fresh cycles: Evolution of number of embryos transferred
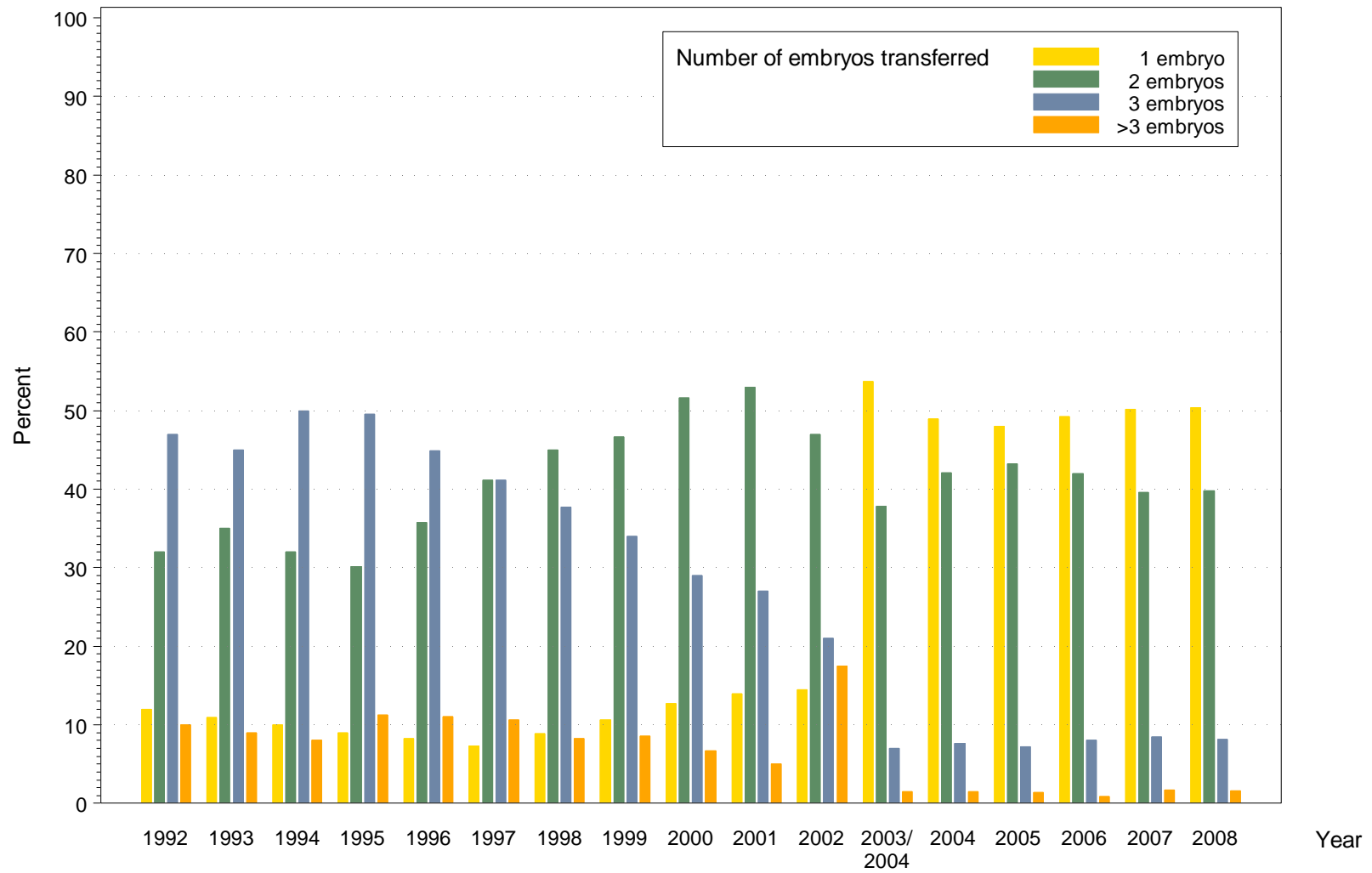
Figure 2.43 Own fresh cycles: Evolution of number of single and multiple deliveries
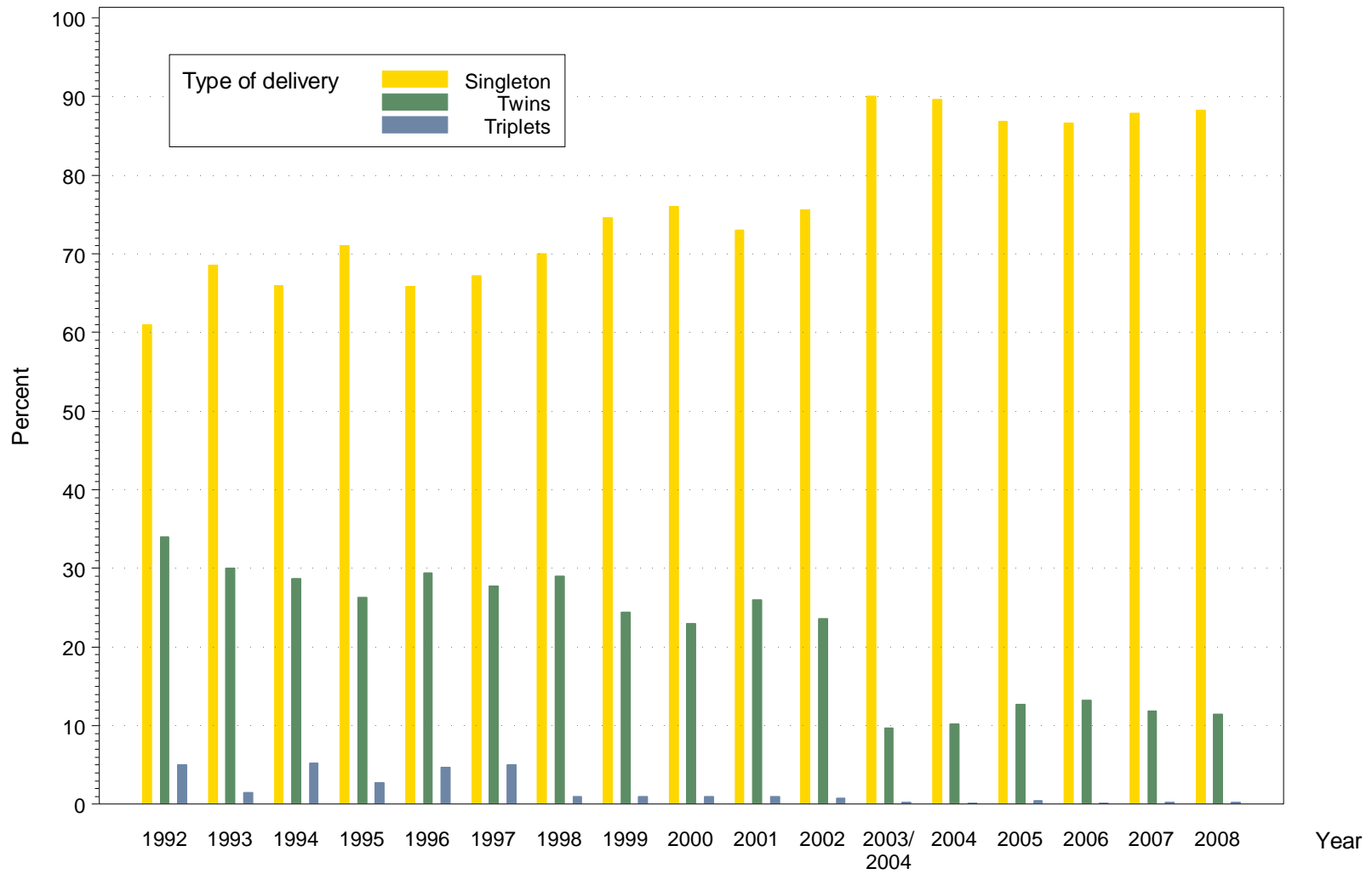
Section 3: Own cryo cycles

Table 3.1 Own cryo cycles: Overview of cryo cycles

Cryocycle	All Centres	
Initiated	8576	(100.0%)
Cancelled	327	(3.8%)
Thawed	8249	(96.2%)
Embryo Transfer	6352	(74.1%)

Table 3.2 Own cryo cycles: Number of embryos transferred

	All Centres
Number of cycles with transfer	6352
Number of embryos transferred	
1	3065/6348 (48.28%)
2	3187/6348 (50.20%)
3	80/6348 (1.26%)
>3	16/6348 (0.25%)
Total number of embryos transferred	9745

Based on all cycles with at least one embryo transferred.

Table 3.3 Own cryo cycles: Pituitary inhibition

	Statistic	All Centres (N=8514, Missing=62)
Pituitary inhibition		
Yes	n/N (%)	470/8514 (5.52%)
No	n/N (%)	8044/8514 (94.48%)

Table 3.4 Own cryo cycles: Stimulation protocol

	Statistic	**All Centres** **(N=8514, Missing=62)**
Stimulation protocol		
Clomiphene	n/N (%)	945/8514 (11.10%)
Gonadotrophins	n/N (%)	297/8514 (3.49%)
Clomiphene + Gonadotrophins	n/N (%)	5/8514 (0.06%)
LHRH pump	n/N (%)	1/8514 (0.01%)
Substitution	n/N (%)	2137/8514 (25.10%)
None	n/N (%)	4585/8514 (53.85%)
Other	n/N (%)	544/8514 (6.39%)

Table 3.5 Own cryo cycles: Number of HCG+ pregnancies according to age

Age (yrs.)	< 36	[36-40[	[40-43[	>=43	All ages
All Centres (N=8576, Missing=0)					
Initiated cycles	6322	1590	532	132	8576
Thawed cycles	6099	1527	505	118	8249
Transfers	4712	1156	391	93	6352
HCG + per initiated cycle	1366/6299 (21.7%) (21.6% - 22.0%)	307/1585 (19.4%) (19.3% - 19.6%)	71/532 (13.3%) (13.3% - 13.3%)	20/129 (15.5%) (15.2% - 17.4%)	1764/8545 (20.6%) (20.6% - 20.9%)
HCG + per thawing cycle	1366/6076 (22.5%) (22.4% - 22.8%)	307/1522 (20.2%) (20.1% - 20.4%)	71/505 (14.1%) (14.1% - 14.1%)	20/115 (17.4%) (16.9% - 19.5%)	1764/8218 (21.5%) (21.4% - 21.8%)
HCG + per embryo transfer	1366/4695 (29.1%) (29.0% - 29.4%)	307/1152 (26.6%) (26.6% - 26.9%)	71/391 (18.2%) (18.2% - 18.2%)	20/90 (22.2%) (21.5% - 24.7%)	1764/6328 (27.9%) (27.8% - 28.1%)

NA=no cycles with data available.
In the calculation of the ratios, only cycles with available data are considered. In the line underneath, the range expresses the minimum
and maximum possible rates when accounting for missing data by considering missing HCG results as negative and positive, respectively.

Table 3.6 Own cryo cycles: Number of clinical pregnancies according to age

Age (yrs.)	< 36	[36-40[	[40-43[	>=43	All ages
All Centres (N=8576, Missing=0)					
Initiated cycles	6322	1590	532	132	8576
Thawed cycles	6099	1527	505	118	8249
Transfers	4712	1156	391	93	6352
Clinical Pregnancy per initiated cycle	1160/6322 (18.3%) (18.3% - 18.3%)	259/1590 (16.3%) (16.3% - 16.3%)	62/532 (11.7%) (11.7% - 11.7%)	15/132 (11.4%) (11.4% - 11.4%)	1496/8576 (17.4%) (17.4% - 17.4%)
Clinical Pregnancy per thawing cycle	1160/6099 (19.0%) (19.0% - 19.0%)	259/1527 (17.0%) (17.0% - 17.0%)	62/505 (12.3%) (12.3% - 12.3%)	15/118 (12.7%) (12.7% - 12.7%)	1496/8249 (18.1%) (18.1% - 18.1%)
Clinical Pregnancy per embryo transfer	1160/4712 (24.6%) (24.6% - 24.6%)	259/1156 (22.4%) (22.4% - 22.4%)	62/391 (15.9%) (15.9% - 15.9%)	15/93 (16.1%) (16.1% - 16.1%)	1496/6352 (23.6%) (23.6% - 23.6%)

NA=no cycles with data available.
In the calculation of the ratios, only cycles with available data are considered. In the line underneath, the range expresses the minimum
and maximum possible rates when accounting for missing data by considering missing results as negative and positive, respectively.

Table 3.7 Own cryo cycles: Number of clinical pregnancies including FHB according to age

Age (yrs.)	< 36	[36-40[	[40-43[	>=43	All ages
All Centres (N=8576, Missing=0)					
Initiated cycles	6322	1590	532	132	8576
Thawed cycles	6099	1527	505	118	8249
Transfers	4712	1156	391	93	6352
FHB: 1/2/3	867/149/5	210/22/0	48/5/0	12/1/0	1137/177/5
Clinical Pregnancy + FHB per initiated cycle	1021/6322 (16.1%) (16.1% - 16.1%)	232/1590 (14.6%) (14.6% - 14.6%)	53/532 (10.0%) (10.0% - 10.0%)	13/132 (9.8%) (9.8% - 9.8%)	1319/8576 (15.4%) (15.4% - 15.4%)
Clinical Pregnancy + FHB per thawing cycle	1021/6099 (16.7%) (16.7% - 16.7%)	232/1527 (15.2%) (15.2% - 15.2%)	53/505 (10.5%) (10.5% - 10.5%)	13/118 (11.0%) (11.0% - 11.0%)	1319/8249 (16.0%) (16.0% - 16.0%)
Clinical Pregnancy + FHB per embryo transfer	1021/4712 (21.7%) (21.7% - 21.7%)	232/1156 (20.1%) (20.1% - 20.1%)	53/391 (13.6%) (13.6% - 13.6%)	13/93 (14.0%) (14.0% - 14.0%)	1319/6352 (20.8%) (20.8% - 20.8%)

NA=no cycles with data available.
In the calculation of the ratios, only cycles with available data are considered. In the line underneath, the range expresses the minimum
and maximum possible rates when accounting for missing data by considering missing results as negative and positive, respectively.

Table 3.8 Own cryo cycles: Number of deliveries according to age

Age (yrs.)	< 36	[36-40[	[40-43[	>=43	All ages
All Centres (N=8576, Missing=0)					
Initiated cycles	6322	1590	532	132	8576
Thawed cycles	6099	1527	505	118	8249
Transfers	4712	1156	391	93	6352
Number per delivery: 1/2/3	693/121/4	164/14/0	34/3/0	8/0/0	899/138/4
Delivery rate per initiated cycle	818/6248 (13.1%) (12.9% - 14.1%)	178/1567 (11.4%) (11.2% - 12.6%)	37/525 (7.0%) (7.0% - 8.3%)	8/129 (6.2%) (6.1% - 8.3%)	1041/8469 (12.3%) (12.1% - 13.4%)
Delivery rate per thawing cycle	818/6025 (13.6%) (13.4% - 14.6%)	178/1504 (11.8%) (11.7% - 13.2%)	37/498 (7.4%) (7.3% - 8.7%)	8/115 (7.0%) (6.8% - 9.3%)	1041/8142 (12.8%) (12.6% - 13.9%)
Delivery rate per embryo transfer	818/4644 (17.6%) (17.4% - 18.8%)	178/1134 (15.7%) (15.4% - 17.3%)	37/384 (9.6%) (9.5% - 11.3%)	8/90 (8.9%) (8.6% - 11.8%)	1041/6252 (16.7%) (16.4% - 18.0%)

 NA=no cycles with data available.
In the calculation of the ratios, only cycles with available data are considered. In the line underneath, the range expresses the minimum
and maximum possible rates when accounting for missing data by considering missing delivery as negative and positive, respectively.

Figure 3.9 Own cryo cycles: Implantation rate (No. of uterine sacs) per transferred embryo according to age
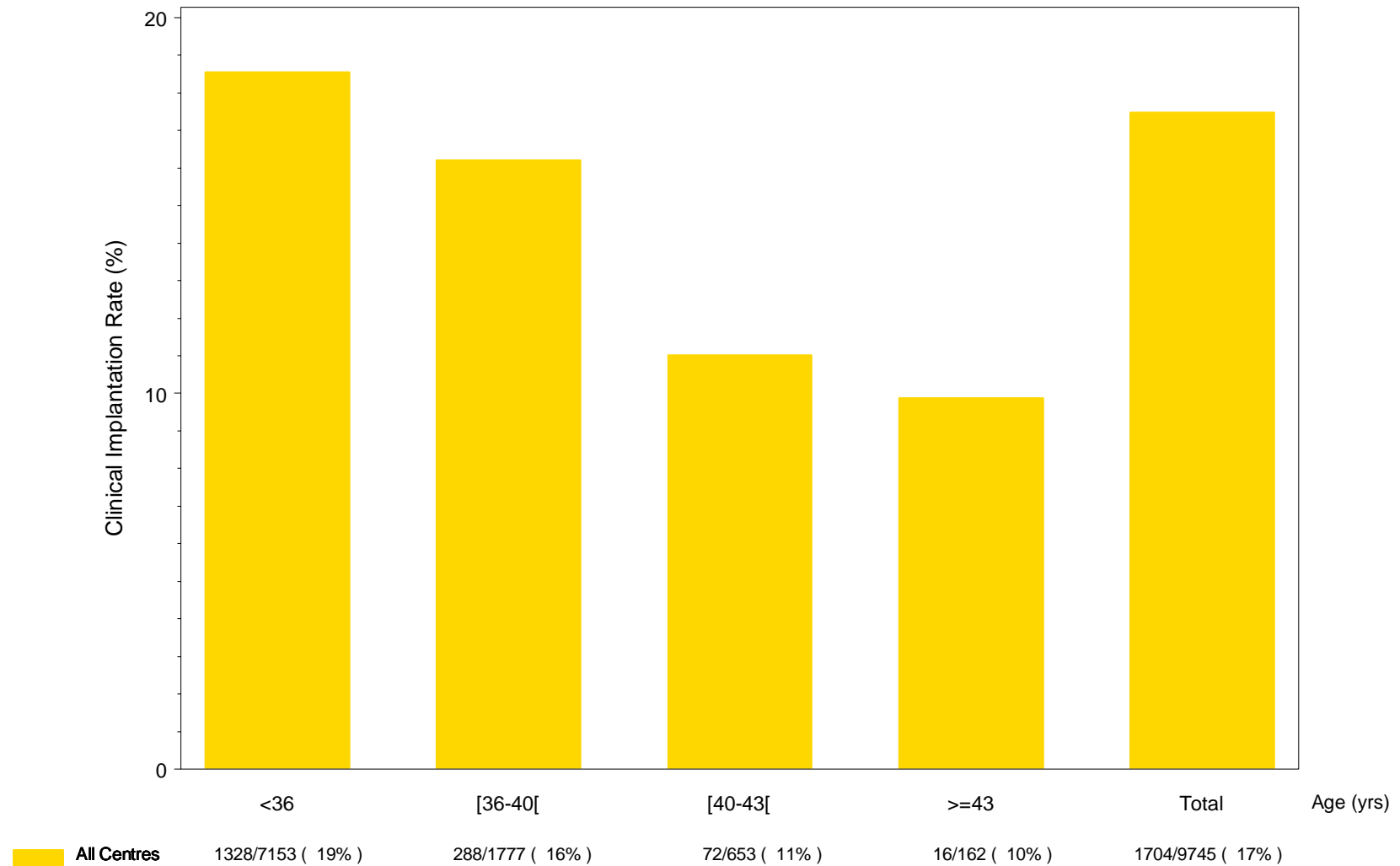
	<36	[36-40[	[40-43[	>=43	Total	Age (yrs)
All Centres	1328/7153 (19%)	288/1777 (16%)	72/653 (11%)	16/162 (10%)	1704/9745 (17%)	

n/N (%) where n = Total number of uterine sacs; N = Total number of embryos transferred; %= n*100/N; NA = No cycles with data available.

Figure 3.10 Own cryo cycles: Clinical implantation rate (No. of FHB) per transferred embryo according to age
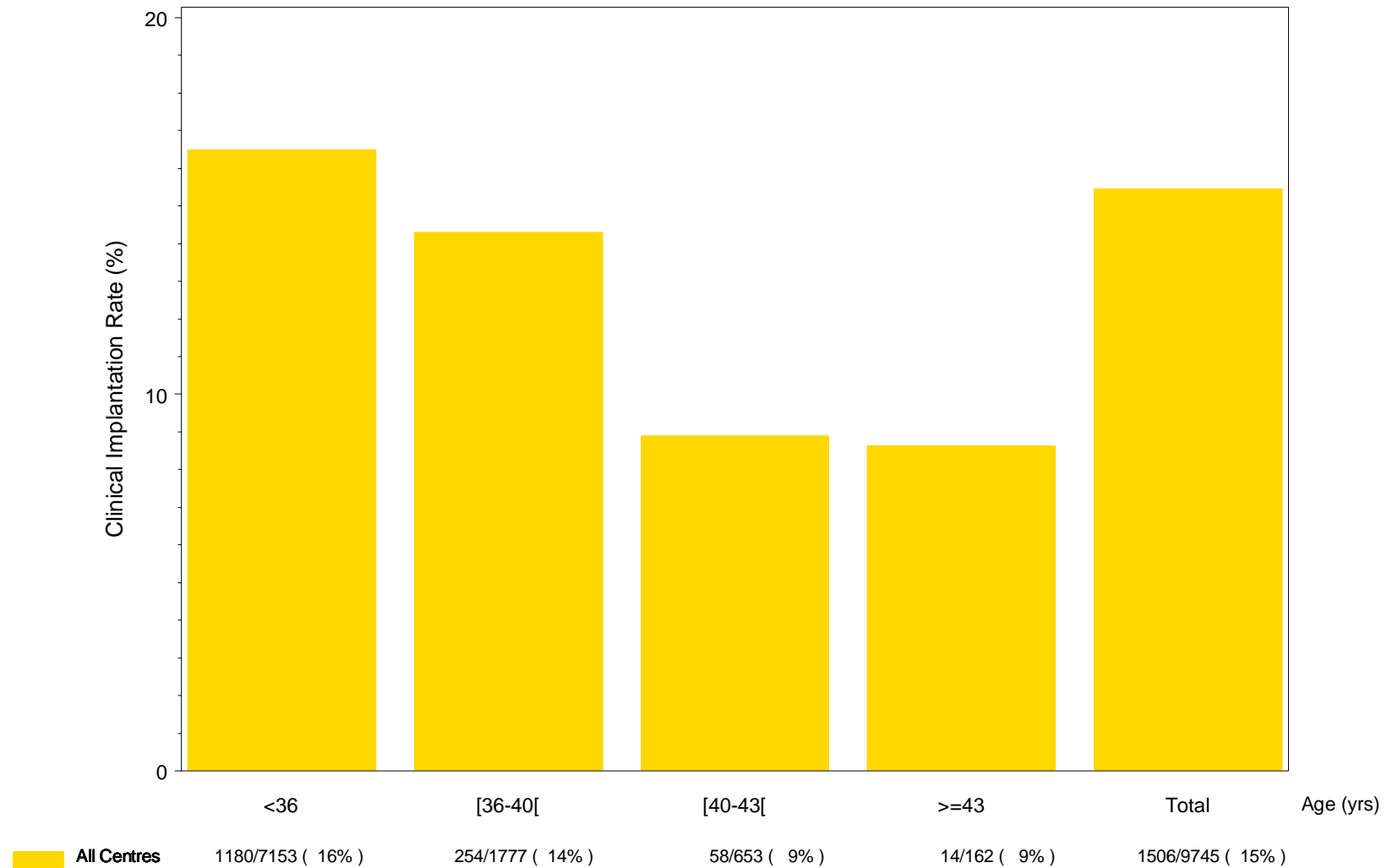
	<36	[36-40[	[40-43[	>=43	Total	Age (yrs)
All Centres	1180/7153 (16%)	254/1777 (14%)	58/653 (9%)	14/162 (9%)	1506/9745 (15%)	

n/N (%) where n = Total number of FHB; N = Total number of embryos transferred; %= n*100/N; NA = No cycles with data available.

Figure 3.11 Own cryo cycles: Birth rate per transferred embryo according to age
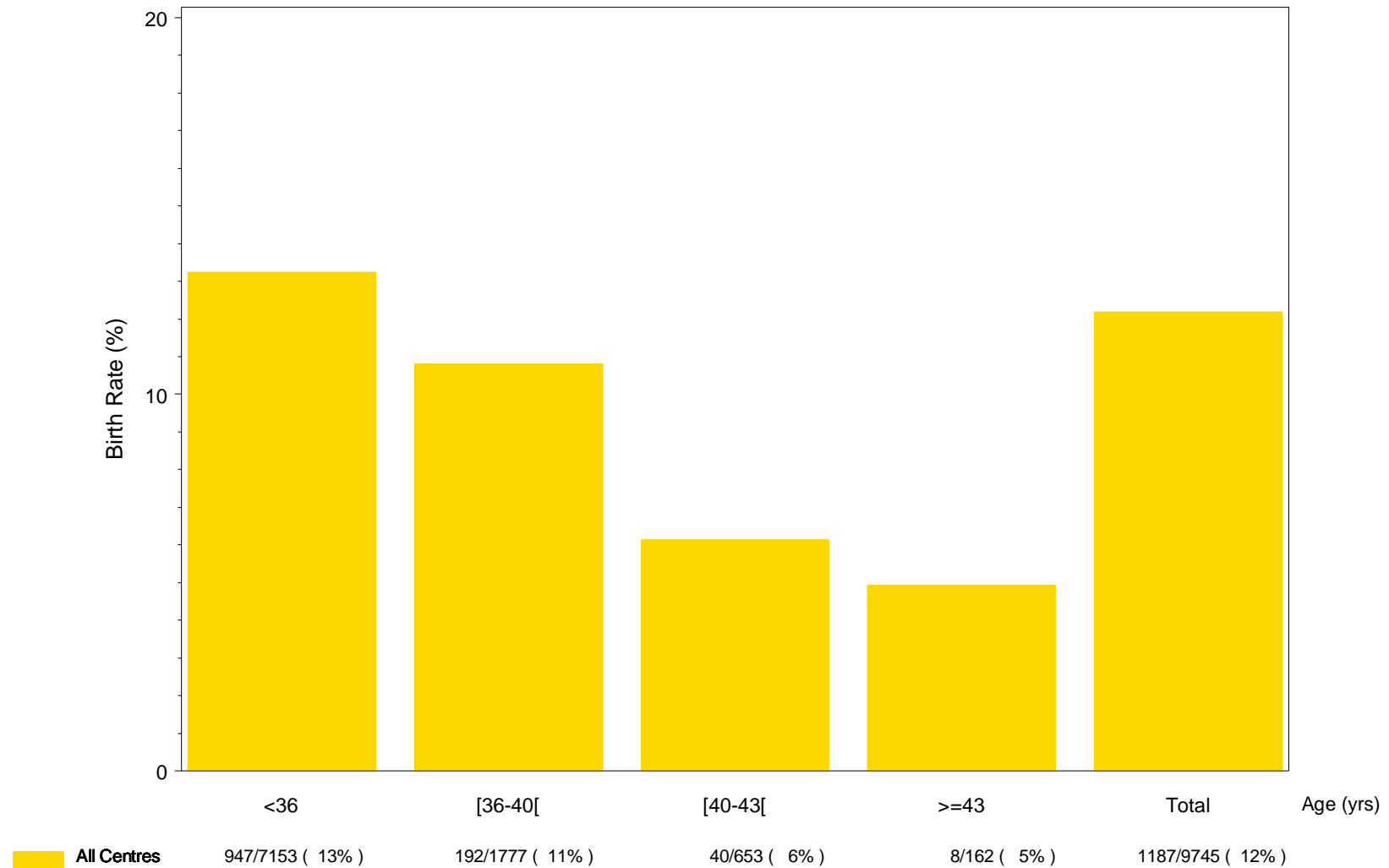
n/N (%) where n = Total number of babies; N = Total number of embryos transferred; %= n*100/N; NA = No cycles with data available.

	<36	[36-40[	[40-43[	>=43	Total	Age (yrs)
All Centres	947/7153 (13%)	192/1777 (11%)	40/653 (6%)	8/162 (5%)	1187/9745 (12%)	

Figure 3.12 Own cryo cycles: Number of deliveries

All Centres (N=1041, Missing=0)

Triplets
4
0.38%

Twins
138
13.26%

Singleton
899
86.36%
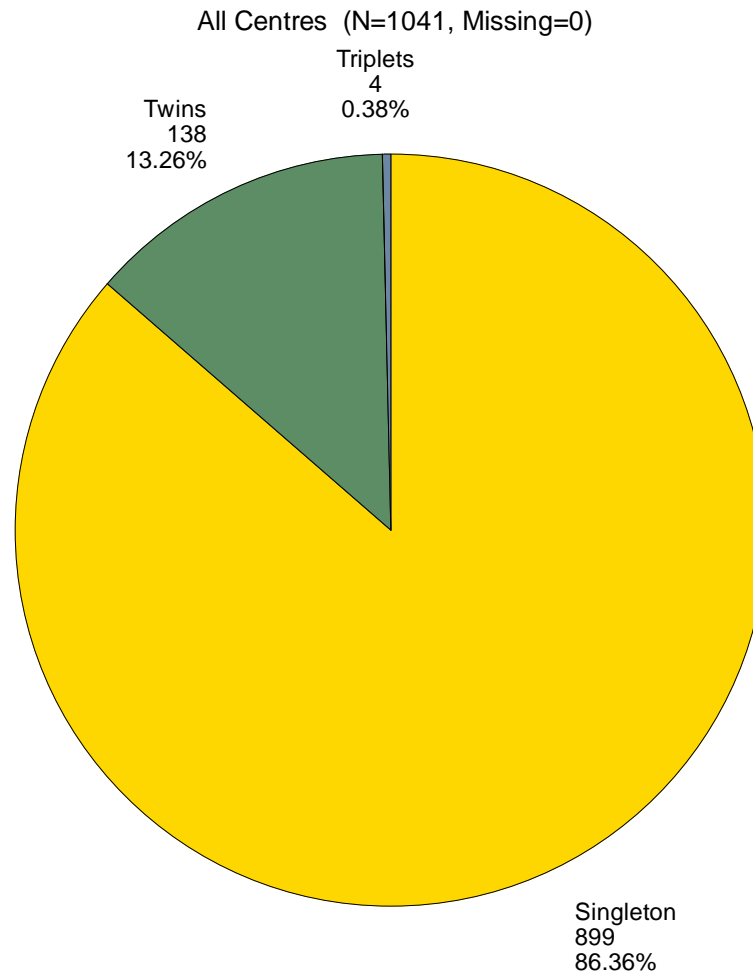
Deliveries of twins or triplets are only counted once.

Figure 3.13 Own cryo cycles: Type of deliveries

All Centres (N=1040, Missing=1)

Unknown
84
8.08%

Caesarean
285
27.40%

Vaginal
671
64.52%
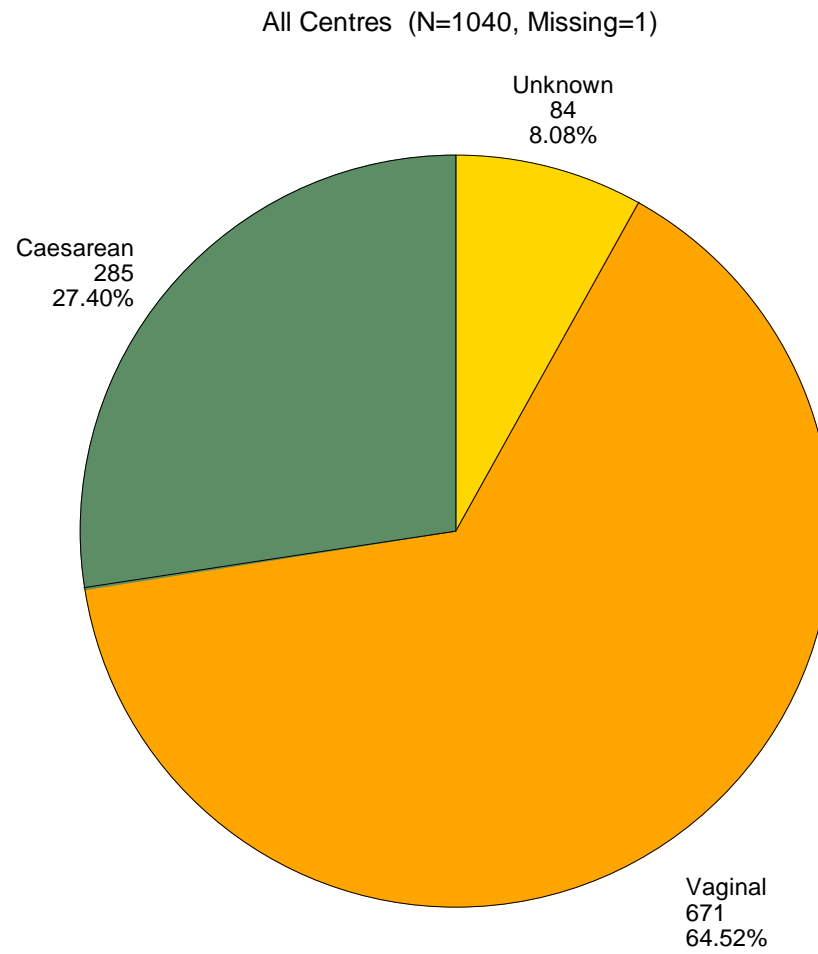
Deliveries of twins or triplets are only counted once.

Table 3.14 Own cryo cycles: Sex of babies

	All Centres (N=1184, Missing=3)
Sex of baby	
Male	575/1184 (48.56%)
Female	574/1184 (48.48%)
Unknown	35/1184 (2.96%)

Table 3.15 Own cryo cycles: Birth weight

	Statistic	All Centres (N=1113, Missing=74)
Birth weight (g)		
Singletons	N	840
	Mean	3364.2
	Std	577.79
	Median	3390.0
	IQR	(3100.0; 3700.0)
Twins	N	262
	Mean	2553.4
	Std	514.52
	Median	2560.0
	IQR	(2225.0; 2850.0)
Triplets	N	11
	Mean	1891.8
	Std	535.77
	Median	2040.0
	IQR	(1200.0; 2290.0)

Table 3.16 Own cryo cycles: Gestational age at delivery

	Statistic	All Centres (N=1034, Missing=7)
Gestational age at delivery (weeks)		
Singletons	N	892
	Mean	39.1
	Std	2.47
	Median	39.4
	IQR	(38.4; 40.4)
Twins	N	138
	Mean	36.2
	Std	2.29
	Median	36.9
	IQR	(35.0; 37.9)
Triplets	N	4
	Mean	33.5
	Std	2.87
	Median	33.7
	IQR	(31.6; 35.3)

Twin or triplet birth is counted as one birth event.

Figure 3.17 Own cryo cycles: Birth weight (boxplot)
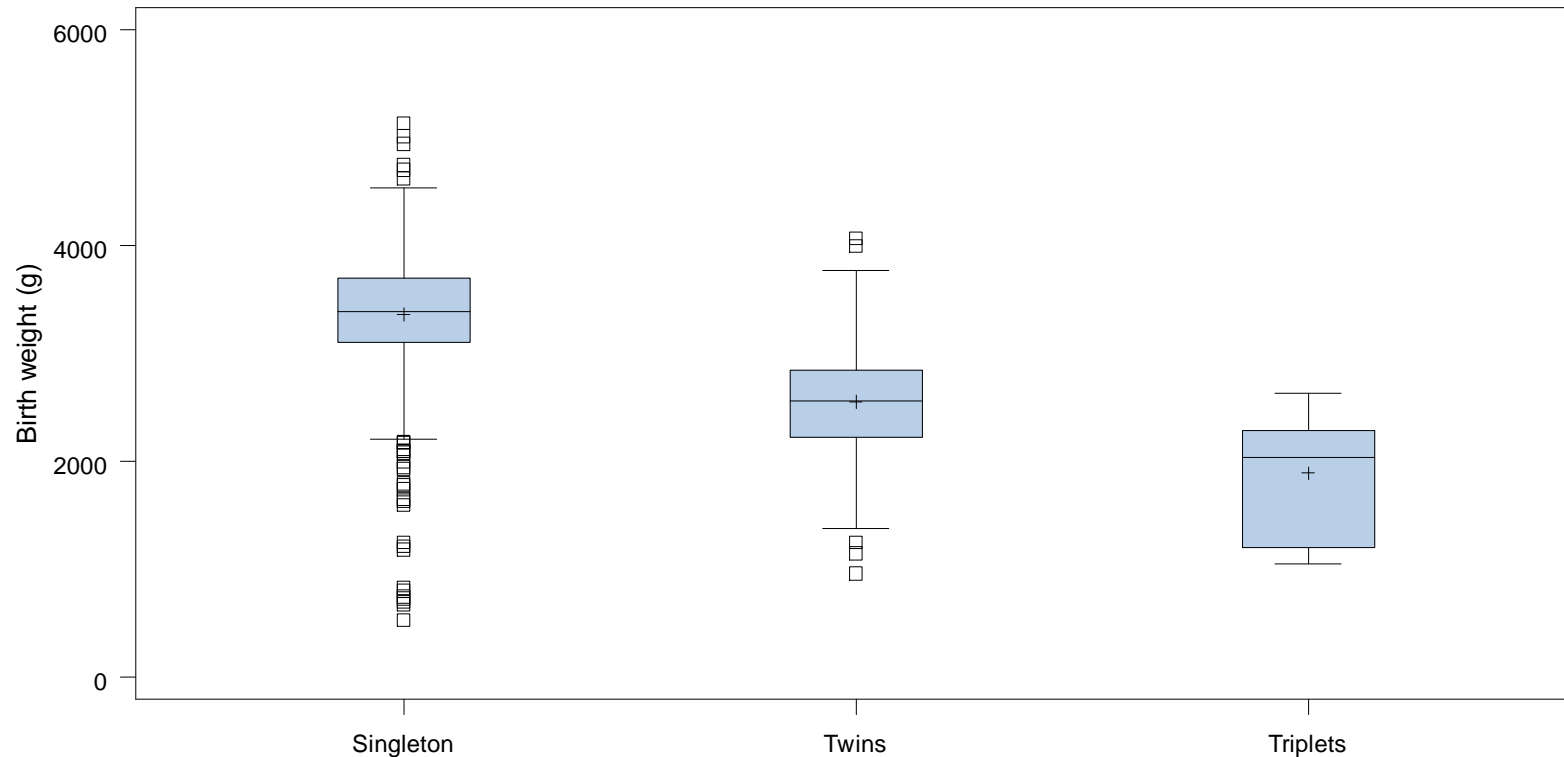
	Singleton	Twins	Triplets
All Centres			
N	840	262	11
Missing	59	14	1
Mean	3364.2	2553.4	1891.8
SD	577.79	514.52	535.77
Median	3390.0	2560.0	2040.0
(Min,Max)	(532,5140)	(960,4070)	(1050,2630)
(Q1,Q3)	(3100,3700)	(2225,2850)	(1200,2290)

Box plot shows median and interquartile range. Whiskers are drawn at (Q3+1.5*IQR, Q1-1.5*IQR).
Q1, Q3 = 1st and 3rd quartile, IQR = Q3 - Q1. +-sign indicates mean value.

Figure 3.18 Own cryo cycles: Gestational age at delivery (boxplot)
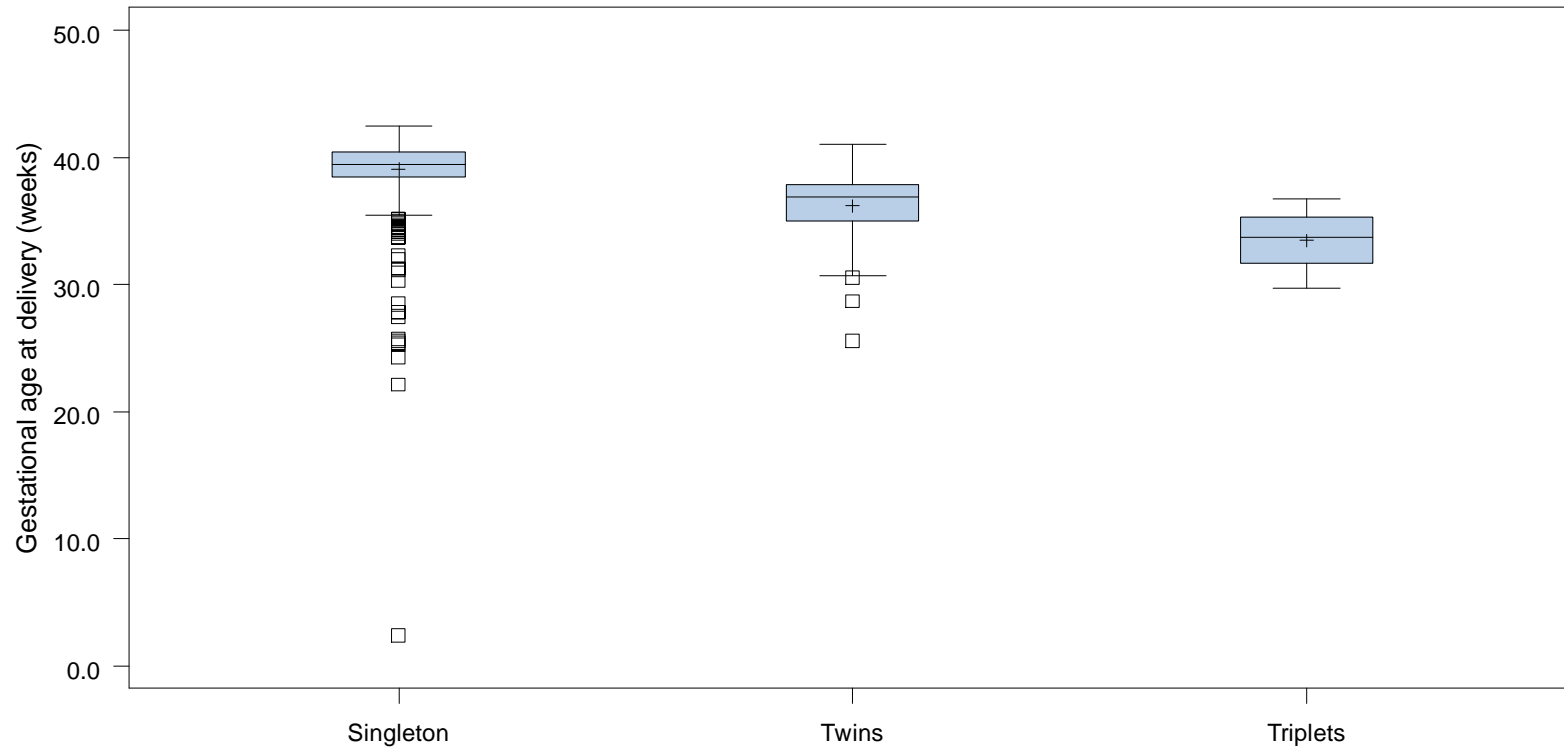
	Singleton	Twins	Triplets
	All Centres		
N	892	138	4
Missing	7	0	0
Mean	39.1	36.2	33.5
SD	2.47	2.29	2.87
Median	39.4	36.9	33.7
(Min,Max)	(2,42)	(26,41)	(30,37)
(Q1,Q3)	(38,40)	(35,38)	(32,35)

Box plot shows median and interquartile range. Whiskers are drawn at (Q3+1.5*IQR, Q1-1.5*IQR).
Q1, Q3 = 1st and 3rd quartile, IQR = Q3 - Q1. +-sign indicates mean value.
Twin or triplet birth is counted as one birth event.

Table 3.19 Own cryo cycles: Prevalence of preterm birth according to type of delivery

Gestational age at delivery (weeks)	Type of delivery			
	Single birth event	Twin birth event	Triplet birth event	Total birth events
All Centres (N=1034, Missing=7)				
< 32	15 (1.7%)	5 (3.6%)	1 (25.0%)	21 (2.0%)
[32-37[	60 (6.7%)	65 (47.1%)	3 (75.0%)	128 (12.4%)
>=37	817 (91.6%)	68 (49.3%)	NA	885 (85.6%)
Total	892 (100.0%)	138 (100.0%)	4 (100.0%)	1034 (100.0%)

 Twin or triplet birth is counted as one birth event.
NA: no data available

Table 3.20 Own cryo cycles: Prevalence of low birth weight according to type of delivery

Birth weight (g)	Singletons		Twins		Triplets		Total	
All Centres (N=1113, Missing=74)								
< 1500	10	(1.2%)	6	(2.3%)	3	(27.3%)	19	(1.7%)
[1500-2500[	36	(4.3%)	111	(42.4%)	7	(63.6%)	154	(13.8%)
>= 2500	794	(94.5%)	145	(55.3%)	1	(9.1%)	940	(84.5%)
Total	840	(100.0%)	262	(100.0%)	11	(100.0%)	1113	(100.0%)

NA: no available data

Section 4: Fresh recipient cycles

Table 4.1 Fresh recipient cycles: Overview of cycles

Cycle	All Centres	
Initiated	820	(100.0%)
Cancelled	89	(10.9%)
At least one oocyte received	731	(89.1%)
Embryo Transfer	645	(78.7%)

Figure 4.2 Fresh recipient cycles: Female age and laborank

All Centres (N=650, Missing=170)

No. of Cycles	<36	[36-40[	[40-43[	>=43
rank 1	74	32	37	14
rank 2	47	27	18	7
rank 3-6	88	42	39	13
rank >=7	40	40	50	82
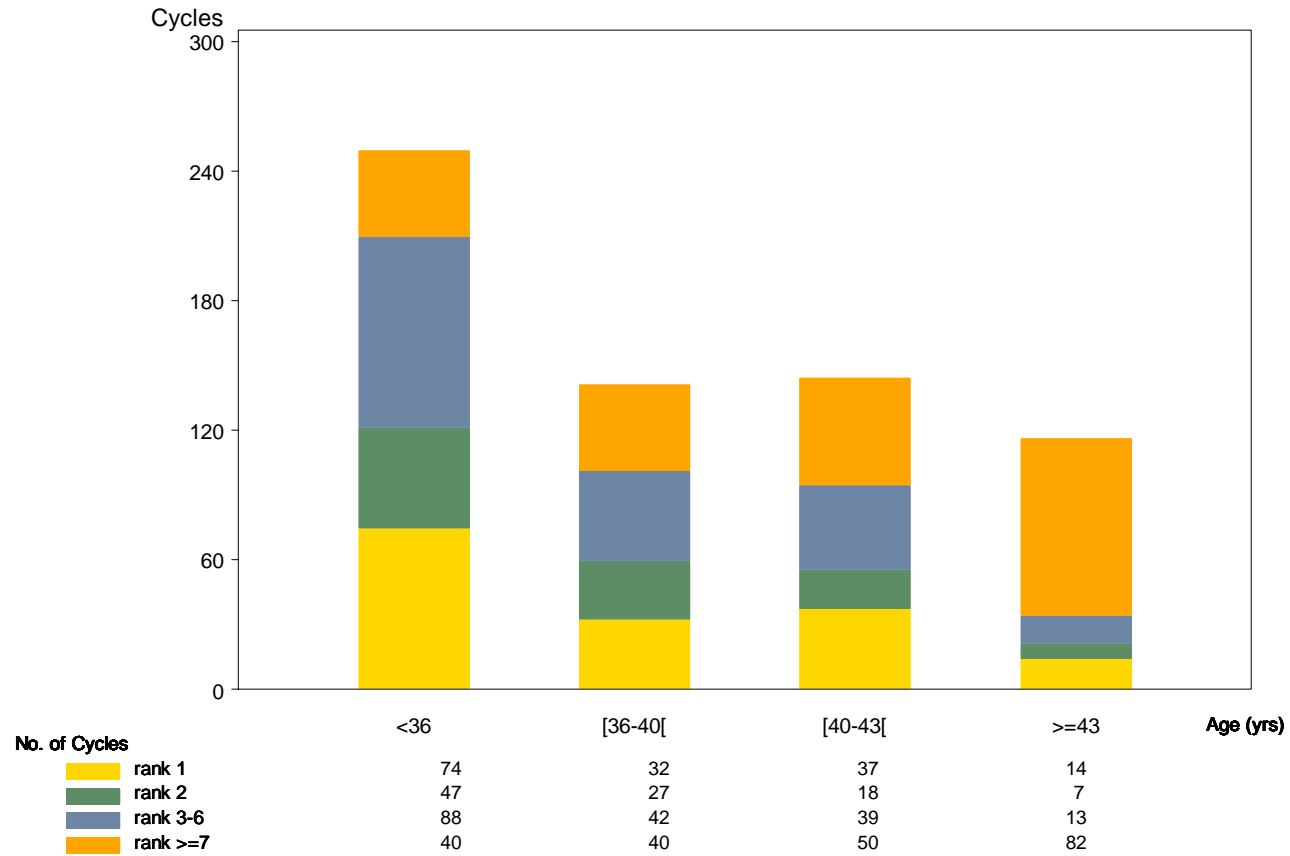
Figure 4.3 Fresh recipient cycles: Female age distribution

	All Centres
N	820
Missing	0
Mean	37.2
SD	5.39
Median	38.0
(Min,Max)	(21,47)
(Q1,Q3)	(33,42)

Age (yrs.)

Percentile
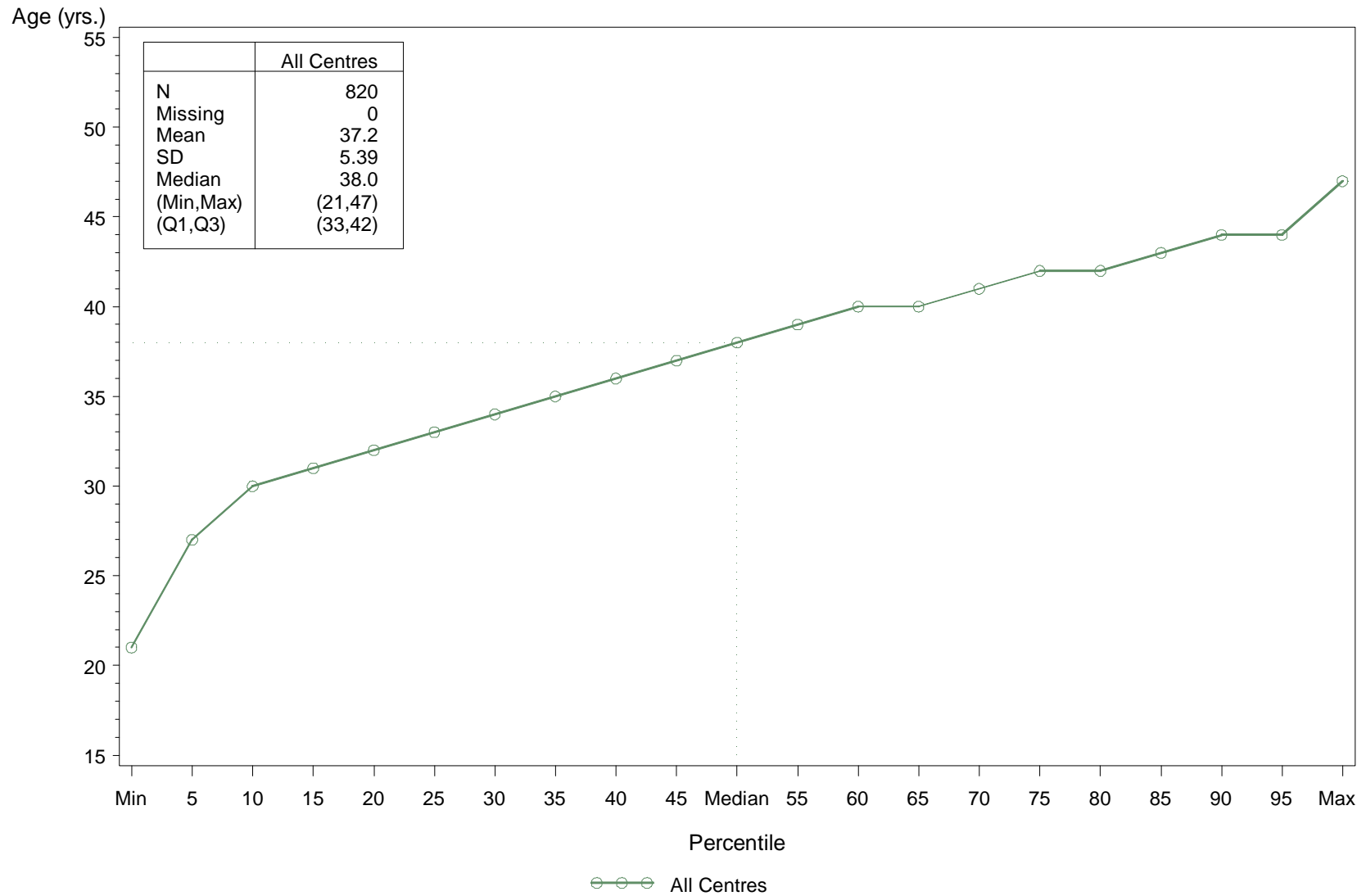
All Centres

Figure 4.4 Fresh recipient cycles: Pituitary inhibition

All Centres (N=820, Missing=0)
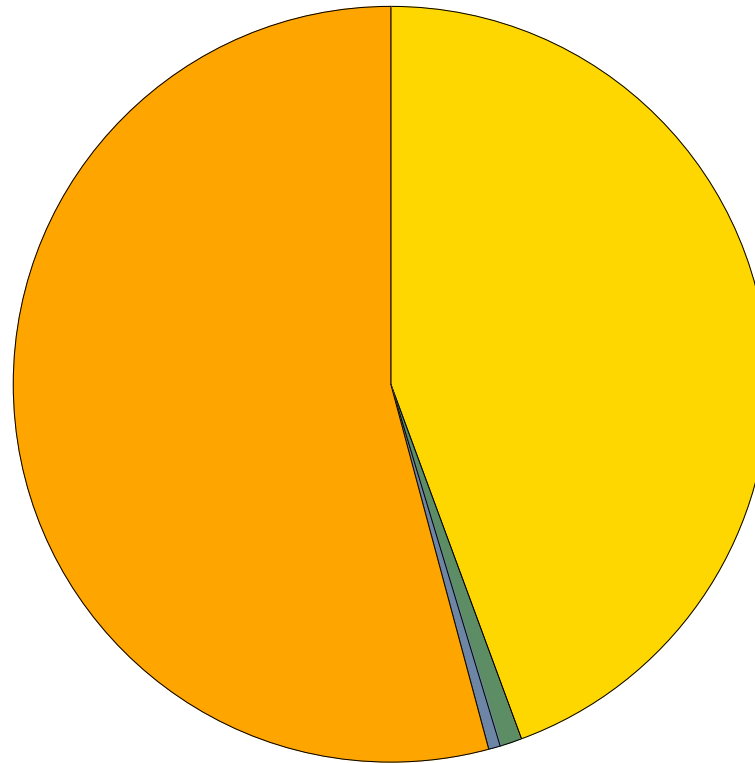
Pituitary Inhibition

Agonist - long : n (%) =   364 (44.39%)
Agonist - short : n (%) =   8 (0.98%)
Antagonist : n (%) =   4 (0.49%)
None : n (%) =   444 (54.15%)

Table 4.5 Fresh recipient cycles: Stimulation protocol

	Statistic	All Centres (N=820, Missing=0)
Stimulation protocol		
Gonadotrophins	n/N (%)	2/820 (0.24%)
Substitution	n/N (%)	706/820 (86.10%)
None	n/N (%)	27/820 (3.29%)
Other	n/N (%)	85/820 (10.37%)

Table 4.6 Fresh recipient cycles: Number of HCG+ pregnancies according to age

Age (yrs.)	< 36	[36-40[	[40-43[	>=43	All ages
All Centres (N=820, Missing=0)					
Initiated cycles	300	186	185	149	820
At least one oocyte received	274	168	159	130	731
Transfers	236	153	135	121	645
HCG + per initiated cycle	79/299 (26.4%) (26.3% - 26.7%)	54/184 (29.3%) (29.0% - 30.1%)	40/181 (22.1%) (21.6% - 23.8%)	51/147 (34.7%) (34.2% - 35.6%)	224/811 (27.6%) (27.3% - 28.4%)
HCG + per cycles with at least one oocyte received	79/273 (28.9%) (28.8% - 29.2%)	54/166 (32.5%) (32.1% - 33.3%)	40/155 (25.8%) (25.2% - 27.7%)	51/128 (39.8%) (39.2% - 40.8%)	224/722 (31.0%) (30.6% - 31.9%)
HCG + per embryo transfer	79/236 (33.5%) (33.5% - 33.5%)	54/151 (35.8%) (35.3% - 36.6%)	40/132 (30.3%) (29.6% - 31.9%)	51/120 (42.5%) (42.1% - 43.0%)	224/639 (35.1%) (34.7% - 35.7%)

NA=no cycles with data available.
In the calculation of the ratios, only cycles with available data are considered. In the line underneath, the range expresses the minimum
and maximum possible rates when accounting for missing data by considering missing HCG results as negative and positive, respectively.

Table 4.7 Fresh recipient cycles: Number of clinical pregnancies according to age

Age (yrs.)	< 36	[36-40[	[40-43[	>=43	All ages
All Centres (N=820, Missing=0)					
Initiated cycles	300	186	185	149	820
At least one oocyte received	274	168	159	130	731
Transfers	236	153	135	121	645
Clinical Pregnancy per initiated cycle	62/300 (20.7%) (20.7% - 20.7%)	45/186 (24.2%) (24.2% - 24.2%)	32/185 (17.3%) (17.3% - 17.3%)	40/149 (26.8%) (26.8% - 26.8%)	179/820 (21.8%) (21.8% - 21.8%)
Clinical Pregnancy per cycles with at least one oocyte received	62/274 (22.6%) (22.6% - 22.6%)	45/168 (26.8%) (26.8% - 26.8%)	32/159 (20.1%) (20.1% - 20.1%)	40/130 (30.8%) (30.8% - 30.8%)	179/731 (24.5%) (24.5% - 24.5%)
Clinical Pregnancy per embryo transfer	62/236 (26.3%) (26.3% - 26.3%)	45/153 (29.4%) (29.4% - 29.4%)	32/135 (23.7%) (23.7% - 23.7%)	40/121 (33.1%) (33.1% - 33.1%)	179/645 (27.8%) (27.8% - 27.8%)

NA=no cycles with data available.
In the calculation of the ratios, only cycles with available data are considered. In the line underneath, the range expresses the minimum and maximum possible rates when accounting for missing data by considering missing results as negative and positive, respectively.

Table 4.8 Fresh recipient cycles: Number of clinical pregnancies including FHB according to age

Age (yrs.)	< 36	[36-40[	[40-43[	>=43	All ages
All Centres (N=820, Missing=0)					
Initiated cycles	300	186	185	149	820
At least one oocyte received	274	168	159	130	731
Transfers	236	153	135	121	645
FHB: 1/2/3	43/11/0	34/6/1	20/7/1	23/13/1	120/37/3
Clinical Pregnancy + FHB per initiated cycle	54/300 (18.0%) (18.0% - 18.0%)	41/186 (22.0%) (22.0% - 22.0%)	28/185 (15.1%) (15.1% - 15.1%)	37/149 (24.8%) (24.8% - 24.8%)	160/820 (19.5%) (19.5% - 19.5%)
Clinical Pregnancy + FHB per cycles with at least one oocyte received	54/274 (19.7%) (19.7% - 19.7%)	41/168 (24.4%) (24.4% - 24.4%)	28/159 (17.6%) (17.6% - 17.6%)	37/130 (28.5%) (28.5% - 28.5%)	160/731 (21.9%) (21.9% - 21.9%)
Clinical Pregnancy + FHB per embryo transfer	54/236 (22.9%) (22.9% - 22.9%)	41/153 (26.8%) (26.8% - 26.8%)	28/135 (20.7%) (20.7% - 20.7%)	37/121 (30.6%) (30.6% - 30.6%)	160/645 (24.8%) (24.8% - 24.8%)

NA=no cycles with data available.
In the calculation of the ratios, only cycles with available data are considered. In the line underneath, the range expresses the minimum and maximum possible rates when accounting for missing data by considering missing results as negative and positive, respectively.

Table 4.9 Fresh recipient cycles: Number of deliveries according to age

Age (yrs.)	< 36	[36-40[	[40-43[	>=43	All ages
All Centres (N=820, Missing=0)					
Initiated cycles	300	186	185	149	820
At least one oocyte received	274	168	159	130	731
Transfers	236	153	135	121	645
Number per delivery: 1/2/3	29/9/0	26/3/0	16/5/0	17/6/0	88/23/0
Delivery rate per initiated cycle	38/294 (12.9%) (12.7% - 14.7%)	29/178 (16.3%) (15.6% - 19.9%)	21/177 (11.9%) (11.4% - 15.7%)	23/134 (17.2%) (15.4% - 25.5%)	111/783 (14.2%) (13.5% - 18.0%)
Delivery rate per cycles with at least one oocyte received	38/268 (14.2%) (13.9% - 16.1%)	29/160 (18.1%) (17.3% - 22.0%)	21/151 (13.9%) (13.2% - 18.2%)	23/115 (20.0%) (17.7% - 29.2%)	111/694 (16.0%) (15.2% - 20.2%)
Delivery rate per embryo transfer	38/231 (16.5%) (16.1% - 18.2%)	29/145 (20.0%) (19.0% - 24.2%)	21/128 (16.4%) (15.6% - 20.7%)	23/107 (21.5%) (19.0% - 30.6%)	111/611 (18.2%) (17.2% - 22.5%)

NA=no cycles with data available.
In the calculation of the ratios, only cycles with available data are considered. In the line underneath, the range expresses the minimum and maximum possible rates when accounting for missing data by considering missing delivery as negative and positive, respectively.

Figure 4.10 Fresh recipient cycles: Implantation rate (No. of uterine sacs) per transferred embryo according to age

	<36	[36-40[	[40-43[	>=43	Total	Age (yrs)
All Centres	74/385 (19%)	55/291 (19%)	41/277 (15%)	55/255 (22%)	225/1208 (19%)	
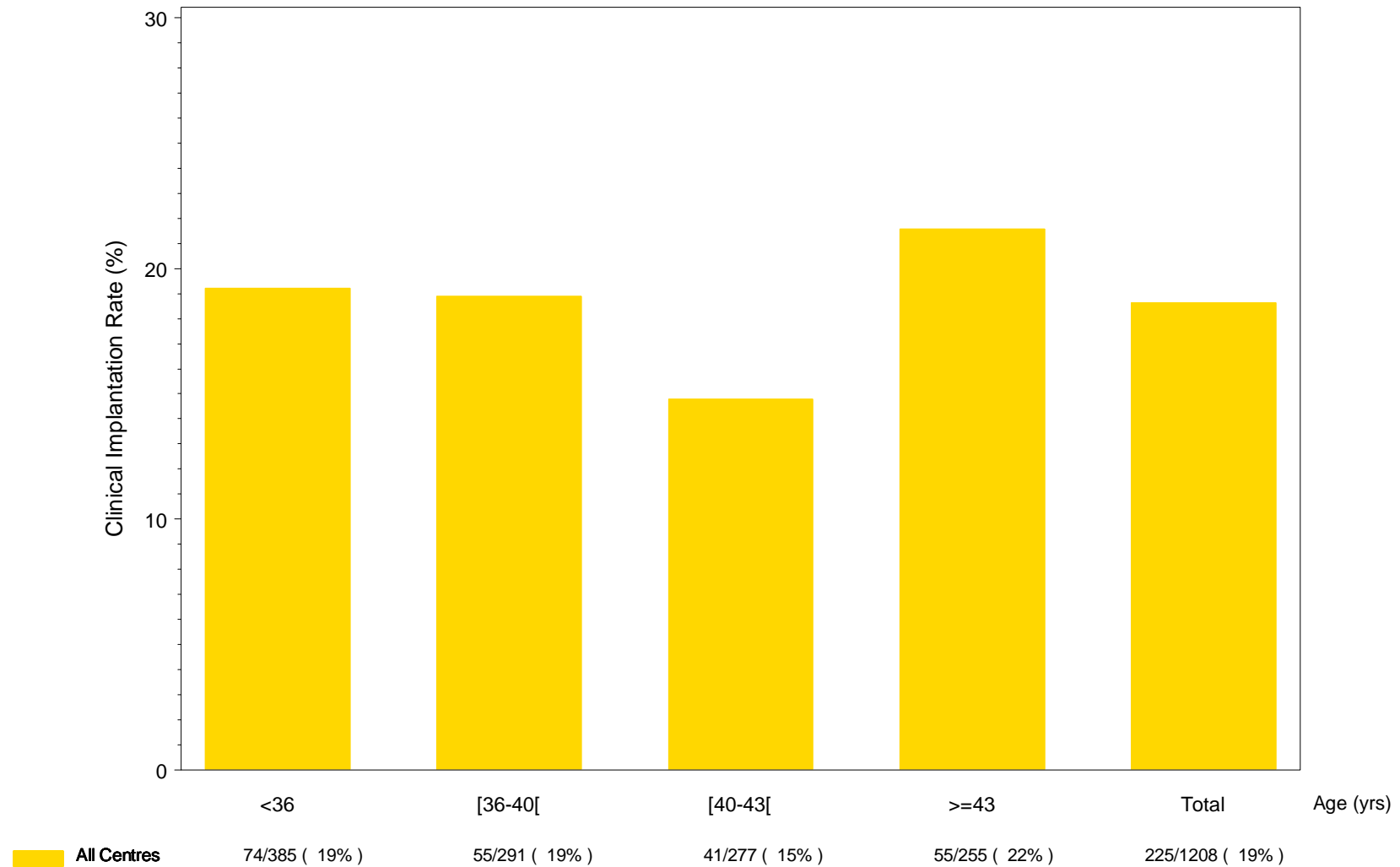
n/N (%) where n = Total number of uterine sacs; N = Total number of embryos transferred; %= n*100/N; NA = No cycles with data available.

Figure 4.11 Fresh recipient cycles: Clinical implantation rate (No. of FHB) per transferred embryo according to age

	<36	[36-40[	[40-43[	>=43	Total	Age (yrs)
All Centres	65/385 (17%)	49/291 (17%)	37/277 (13%)	52/255 (20%)	203/1208 (17%)	
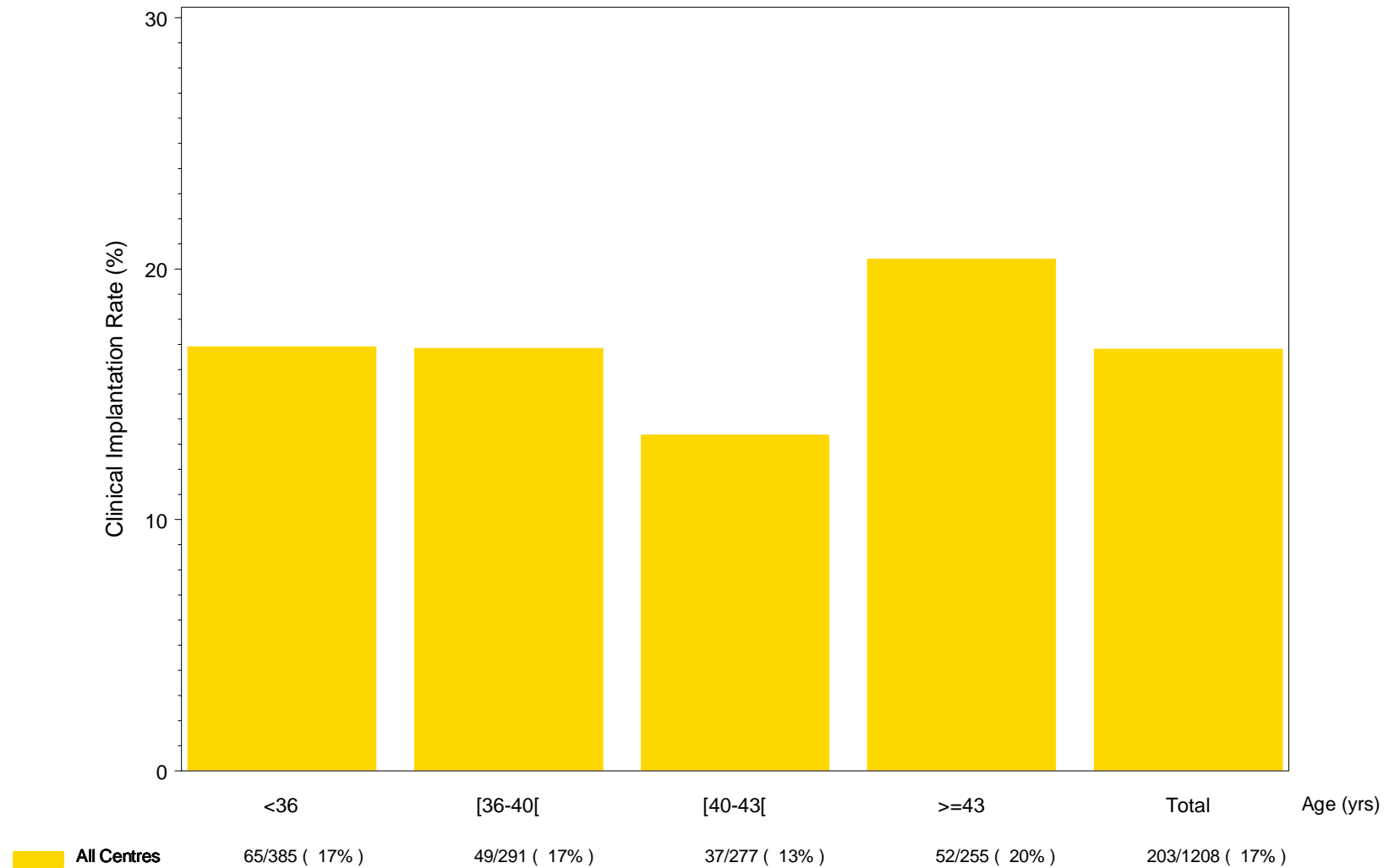
n/N (%) where n = Total number of FHB; N = Total number of embryos transferred; %= n*100/N; NA = No cycles with data available.

Figure 4.12 Fresh recipient cycles: Birth rate per transferred embryo according to age
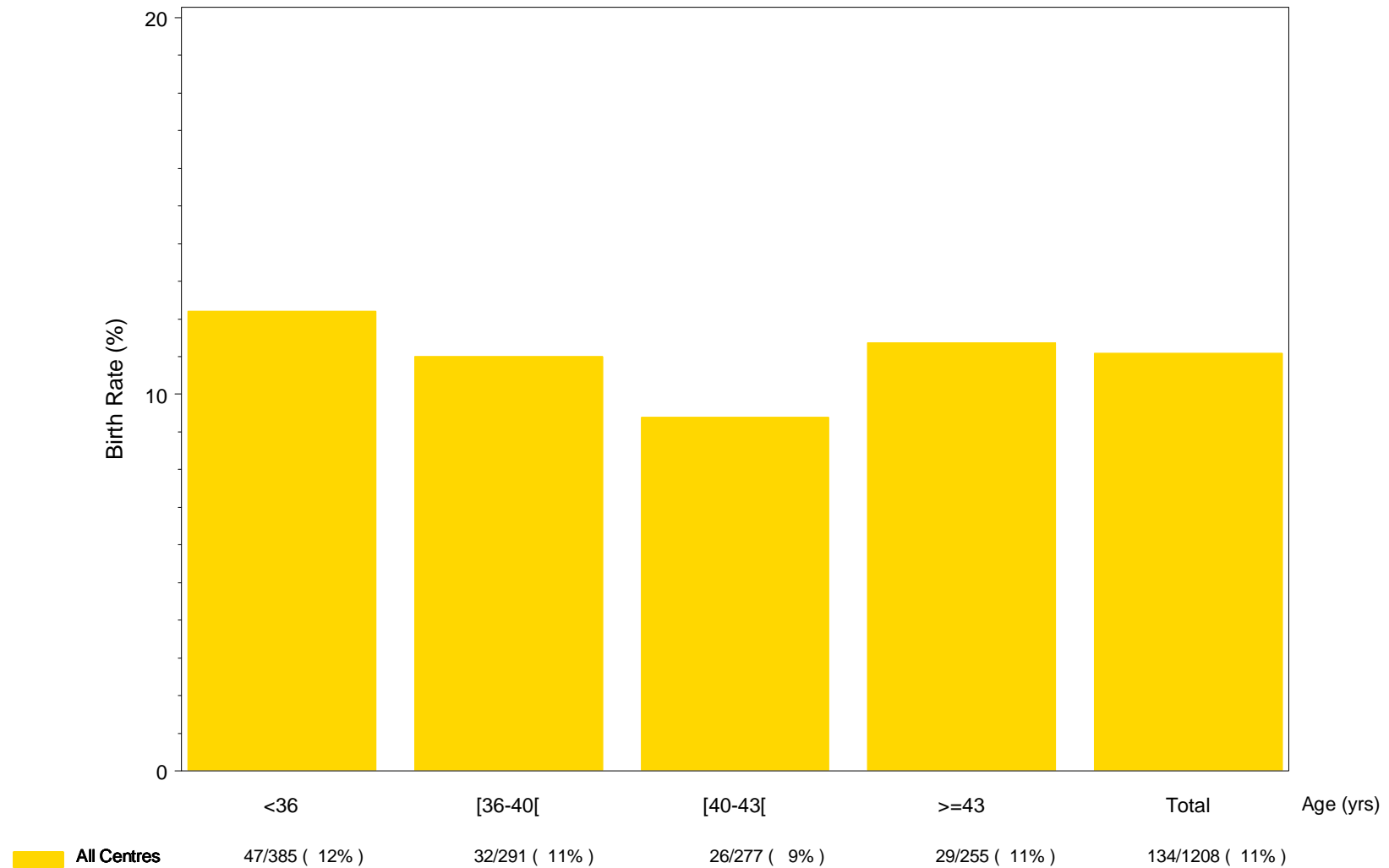
	<36	[36-40[	[40-43[	>=43	Total	Age (yrs)
All Centres	47/385 (12%)	32/291 (11%)	26/277 (9%)	29/255 (11%)	134/1208 (11%)	

n/N (%) where n = Total number of babies; N = Total number of embryos transferred; %= n*100/N; NA = No cycles with data available.

Figure 4.13 Fresh recipient cycles: Number of deliveries

All Centres (N=111, Missing=0)

Twins
23
20.72%

Singleton
88
79.28%

Deliveries of twins or triplets are only counted once.

Table 4.14 Fresh recipient cycles: Type of deliveries

All Centres (N=111, Missing=0)

Unknown
25
22.52%

Vaginal
27
24.32%

Caesarean
59
53.15%
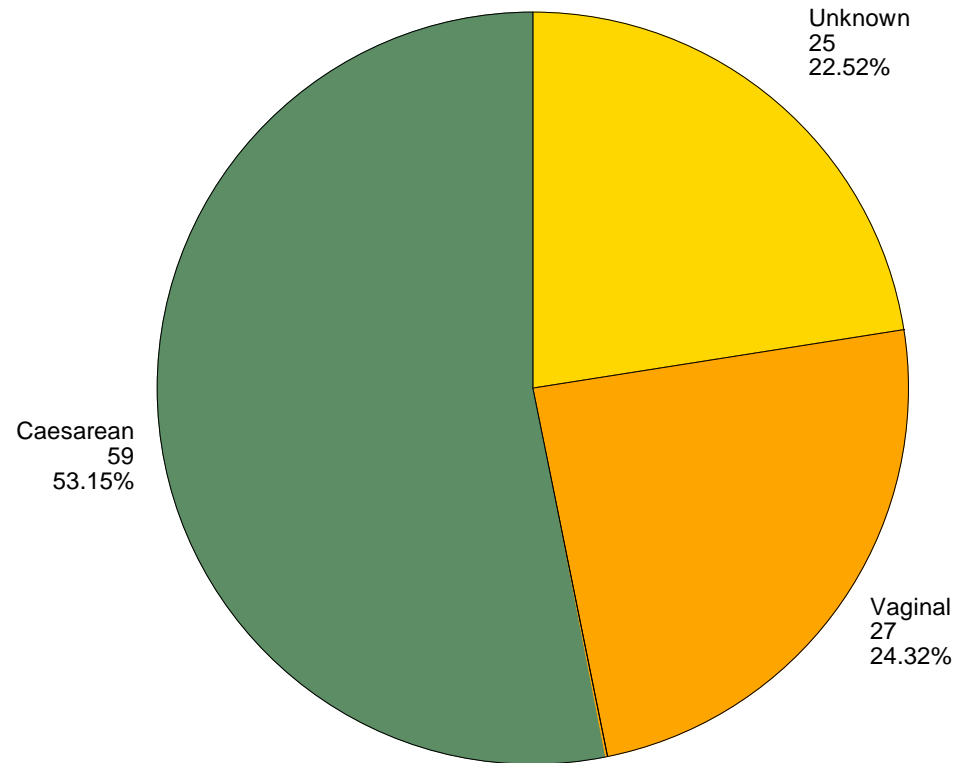
Deliveries of twins or triplets are only counted once.

Table 4.15 Fresh recipient cycles: Sex of babies

	All Centres (N=133, Missing=1)
Sex of baby	
Male	65/133 (48.87%)
Female	55/133 (41.35%)
Unknown	13/133 (9.77%)

Table 4.16 Fresh recipient cycles: Birth weight

	Statistic	All Centres (N=118, Missing=16)
Birth Weight (g)		
Singletons	N	73
	Mean	3278.0
	Std	708.87
	Median	3380.0
	IQR	(3040.0; 3720.0)
Twins	N	45
	Mean	2328.8
	Std	486.26
	Median	2430.0
	IQR	(2010.0; 2660.0)

Table 4.17 Fresh recipient cycles: Gestational age at delivery

	Statistic	All Centres (N=110, Missing=1)
Gestational age at delivery (weeks)		
Singletons	N	87
	Mean	38.2
	Std	2.72
	Median	38.7
	IQR	(37.3; 40.1)
Twins	N	23
	Mean	35.5
	Std	2.72
	Median	36.4
	IQR	(34.1; 37.7)

Twin or triplet birth is counted as one birth event.

Figure 4.18 Fresh recipient cycles: Birth weight (boxplot)
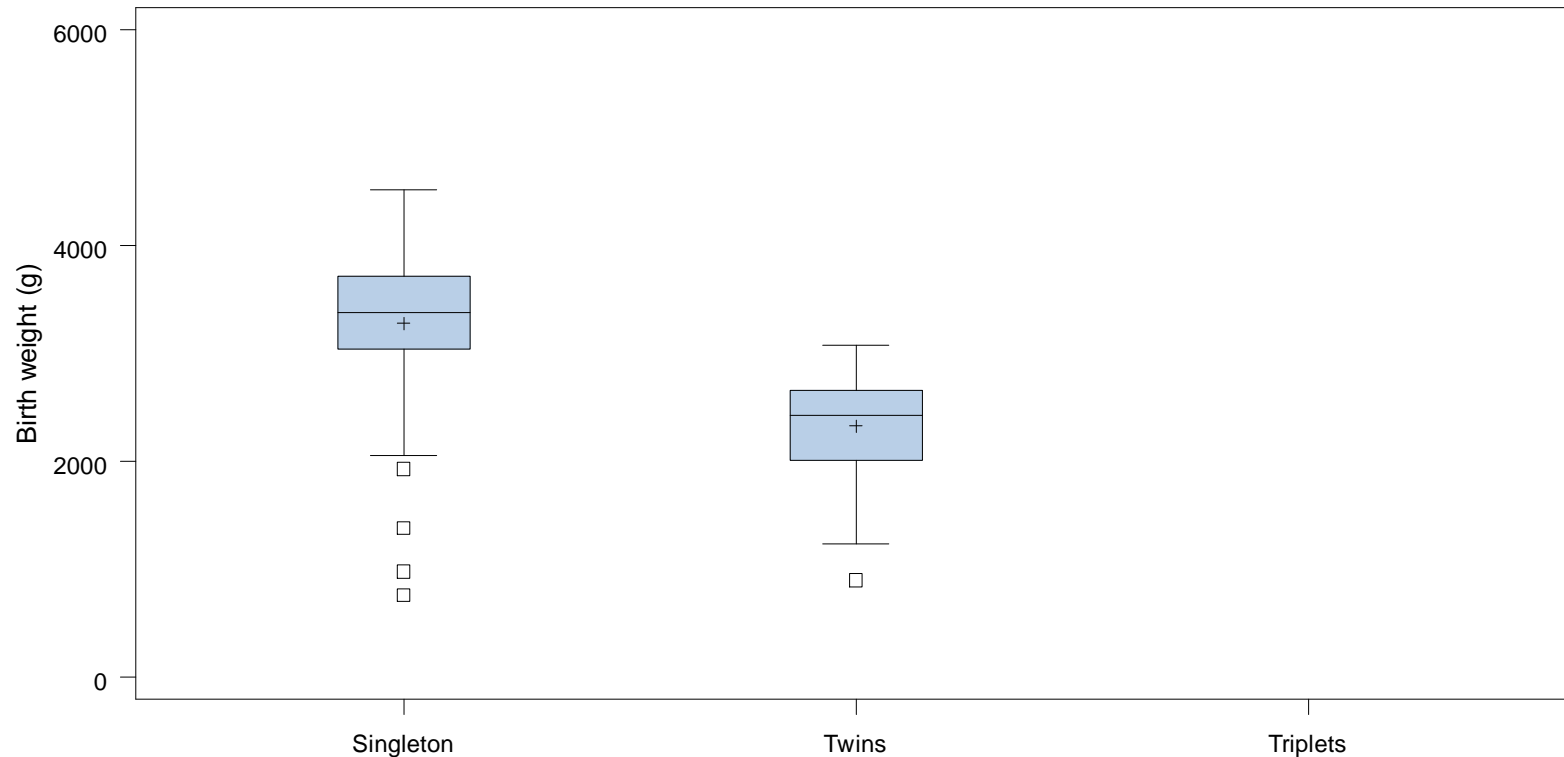
	Singleton	Twins	Triplets
	All Centres		
N	73	45	
Missing	15	1	
Mean	3278.0	2328.8	
SD	708.87	486.26	
Median	3380.0	2430.0	
(Min,Max)	(761,4520)	(900,3080)	
(Q1,Q3)	(3040,3720)	(2010,2660)	

Box plot shows median and interquartile range. Whiskers are drawn at (Q3+1.5*IQR, Q1-1.5*IQR).
Q1, Q3 = 1st and 3rd quartile, IQR = Q3 - Q1. +-sign indicates mean value.

Figure 4.19 Fresh recipient cycles: Gestational age at delivery (boxplot)
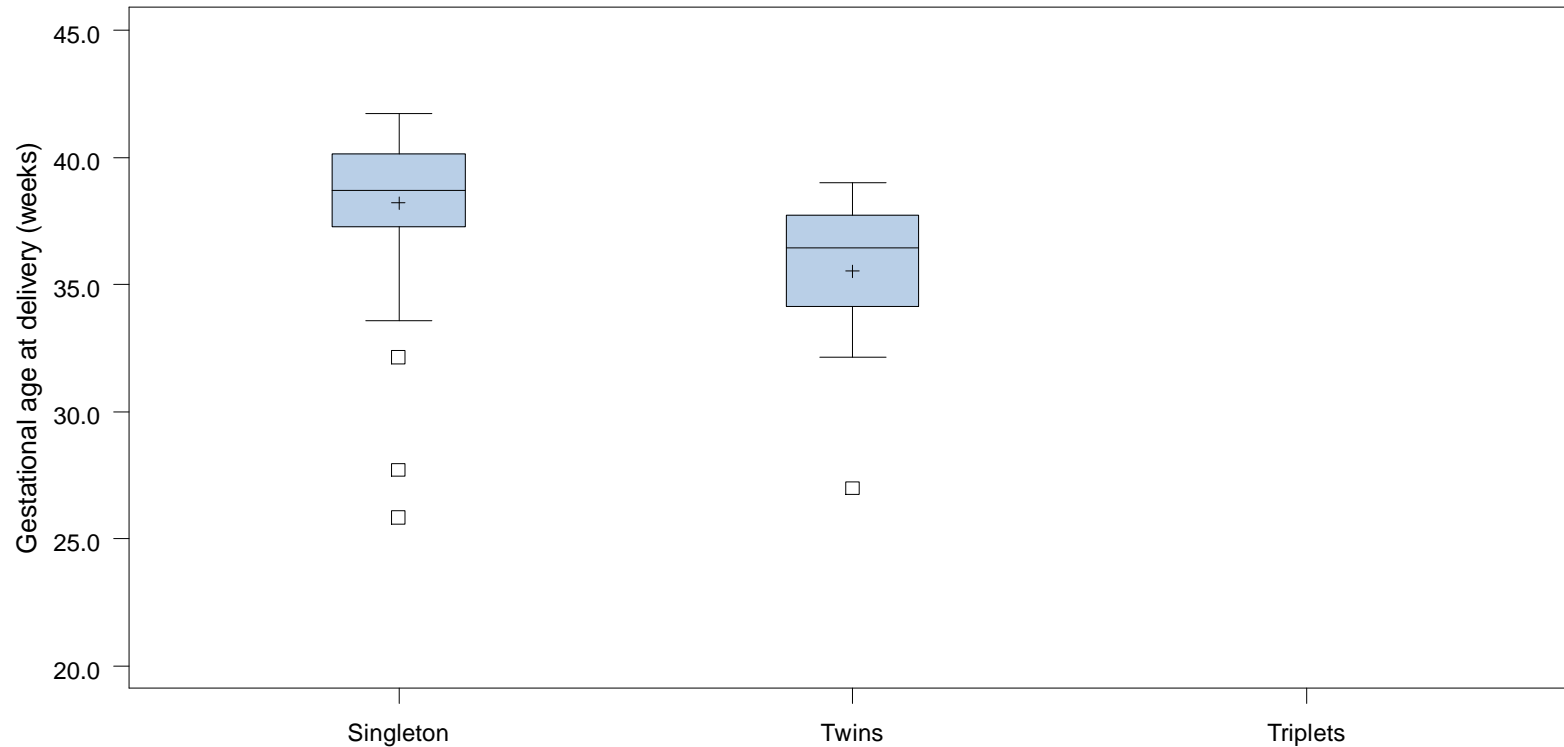
	Singleton	Twins	Triplets
		All Centres	
N	87	23	
Missing	1	0	
Mean	38.2	35.5	
SD	2.72	2.72	
Median	38.7	36.4	
(Min,Max)	(26,42)	(27,39)	
(Q1,Q3)	(37,40)	(34,38)	

Box plot shows median and interquartile range. Whiskers are drawn at (Q3+1.5*IQR, Q1-1.5*IQR).
Q1, Q3 = 1st and 3rd quartile, IQR = Q3 - Q1. +-sign indicates mean value.
Twin or triplet birth is counted as one birth event.

Table 4.20 Fresh recipient cycles: Prevalence of preterm birth according to type of delivery

Gestational age at delivery (weeks)	Single birth event		Twin birth event		Triplet birth event	Total birth events	
Type of delivery							
All Centres (N=110, Missing=1)							
< 32	2	(2.3%)	1	(4.3%)	NA	3	(2.7%)
[32-37[	16	(18.4%)	13	(56.5%)	NA	29	(26.4%)
>=37	69	(79.3%)	9	(39.1%)	NA	78	(70.9%)
Total	87	(100.0%)	23	(100.0%)	NA	110	(100.0%)

 Twin or triplet birth is counted as one birth event.
NA: no data available

Table 4.21 Fresh recipient cycles: Prevalence of low birth weight according to type of delivery

| Birth weight (g) | Type of delivery | | | |
	Singletons	Twins	Triplets	Total
All Centres (N=118, Missing=16)				
< 1500	3 (4.1%)	3 (6.7%)	NA	6 (5.1%)
[1500-2500[	5 (6.8%)	24 (53.3%)	NA	29 (24.6%)
>= 2500	65 (89.0%)	18 (40.0%)	NA	83 (70.3%)
Total	73 (100.0%)	45 (100.0%)	NA	118 (100.0%)

NA: no data available

Section 5: Cryo recipient cycles

Table 5.1 Cryo recipient cycles: Overview of cryo cycles

Cryo cycle	All Centres	
Initiated	294	(100.0%)
Cancelled	3	(1.0%)
Thawed	291	(99.0%)
Embryo Transfer	231	(78.6%)

Table 5.2 Cryo recipient cycles: Number of embryos transferred

	All Centres
Number of cycles with transfer	231
Number of embryos transferred	
1	91/229 (39.74%)
2	121/229 (52.84%)
3	14/229 (6.11%)
>3	3/229 (1.31%)
Total number of embryos transferred	387

Based on all cycles with at least one embryo transferred.

Table 5.3 Cryo recipient cycles: Pituitary inhibition

	Statistic	All Centres (N=294, Missing=0)
Pituitary inhibition		
Yes	n/N (%)	19/294 (6.46%)
No	n/N (%)	275/294 (93.54%)

Table 5.4 Cryo recipient cycles: Stimulation protocol

	Statistic	All Centres (N=294, Missing=0)
Stimulation protocol		
Clomiphene	n/N (%)	14/294 (4.76%)
Gonadotrophins	n/N (%)	2/294 (0.68%)
Substitution	n/N (%)	194/294 (65.99%)
None	n/N (%)	43/294 (14.63%)
Other	n/N (%)	41/294 (13.95%)

Table 5.5 Cryo recipient cycles: Number of HCG+ pregnancies according to age

Age (yrs.)	< 36	[36-40[	[40-43[	>=43	All ages
All Centres (N=294, Missing=0)					
Initiated cycles	129	67	48	50	294
Thawing cycles	129	66	46	50	291
Transfers	97	49	39	46	231
HCG + per initiated cycle	23/127 (18.1%) (17.8% - 19.4%)	13/64 (20.3%) (19.4% - 23.9%)	11/47 (23.4%) (22.9% - 25.0%)	13/49 (26.5%) (26.0% - 28.0%)	60/287 (20.9%) (20.4% - 22.8%)
HCG + per thawing cycles	23/127 (18.1%) (17.8% - 19.4%)	13/63 (20.6%) (19.7% - 24.2%)	11/45 (24.4%) (23.9% - 26.1%)	13/49 (26.5%) (26.0% - 28.0%)	60/284 (21.1%) (20.6% - 23.0%)
HCG + per embryo transfer	23/95 (24.2%) (23.7% - 25.8%)	13/46 (28.3%) (26.5% - 32.7%)	11/38 (28.9%) (28.2% - 30.8%)	13/45 (28.9%) (28.3% - 30.4%)	60/224 (26.8%) (26.0% - 29.0%)

NA=no cycles with data available.
In the calculation of the ratios, only cycles with available data are considered. In the line underneath, the range expresses the minimum
and maximum possible rates when accounting for missing data by considering missing HCG results as negative and positive, respectively.

Table 5.6 Cryo recipient cycles: Number of clinical pregnancies according to age

Age (yrs.)	< 36	[36-40[	[40-43[	>=43	All ages
All Centres (N=294, Missing=0)					
Initiated cycles	129	67	48	50	294
Thawing cycles	129	66	46	50	291
Transfers	97	49	39	46	231
Clinical Pregnancy per initiated cycle	20/129 (15.5%) (15.5% - 15.5%)	11/67 (16.4%) (16.4% - 16.4%)	10/48 (20.8%) (20.8% - 20.8%)	11/50 (22.0%) (22.0% - 22.0%)	52/294 (17.7%) (17.7% - 17.7%)
Clinical Pregnancy per thawing cycles	20/129 (15.5%) (15.5% - 15.5%)	11/66 (16.7%) (16.7% - 16.7%)	10/46 (21.7%) (21.7% - 21.7%)	11/50 (22.0%) (22.0% - 22.0%)	52/291 (17.9%) (17.9% - 17.9%)
Clinical Pregnancy per embryo transfer	20/97 (20.6%) (20.6% - 20.6%)	11/49 (22.4%) (22.4% - 22.4%)	10/39 (25.6%) (25.6% - 25.6%)	11/46 (23.9%) (23.9% - 23.9%)	52/231 (22.5%) (22.5% - 22.5%)

NA=no cycles with data available.
In the calculation of the ratios, only cycles with available data are considered. In the line underneath, the range expresses the minimum
and maximum possible rates when accounting for missing data by considering missing results as negative and positive, respectively.

Table 5.7 Cryo recipient cycles: Number of clinical pregnancies including FHB according to age

Age (yrs.)	< 36	[36-40[	[40-43[	>=43	All ages
All Centres (N=294, Missing=0)					
Initiated cycles	129	67	48	50	294
Thawing cycles	129	66	46	50	291
Transfers	97	49	39	46	231
FHB: 1/2/3	15/1	8/2	5/3	7/2	35/8
Clinical Pregnancy + FHB per initiated cycle	16/129 (12.4%) (12.4% - 12.4%)	10/67 (14.9%) (14.9% - 14.9%)	8/48 (16.7%) (16.7% - 16.7%)	9/50 (18.0%) (18.0% - 18.0%)	43/294 (14.6%) (14.6% - 14.6%)
Clinical Pregnancy + FHB per thawing cycles	16/129 (12.4%) (12.4% - 12.4%)	10/66 (15.2%) (15.2% - 15.2%)	8/46 (17.4%) (17.4% - 17.4%)	9/50 (18.0%) (18.0% - 18.0%)	43/291 (14.8%) (14.8% - 14.8%)
Clinical Pregnancy + FHB per embryo transfer	16/97 (16.5%) (16.5% - 16.5%)	10/49 (20.4%) (20.4% - 20.4%)	8/39 (20.5%) (20.5% - 20.5%)	9/46 (19.6%) (19.6% - 19.6%)	43/231 (18.6%) (18.6% - 18.6%)

NA=no cycles with data available.
In the calculation of the ratios, only cycles with available data are considered. In the line underneath, the range expresses the minimum
and maximum possible rates when accounting for missing data by considering missing results as negative and positive, respectively.
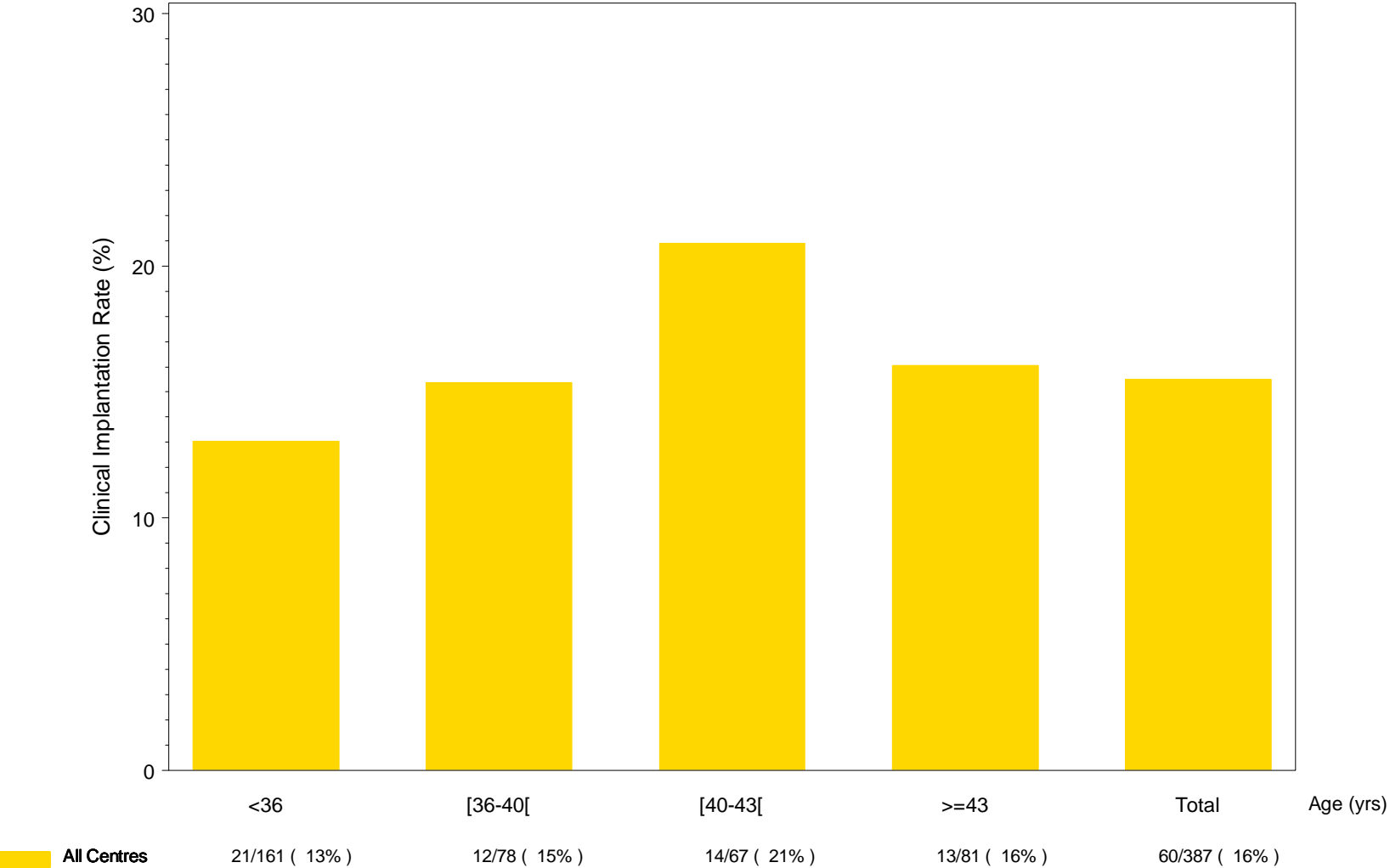
Table 5.8 Cryo recipient cycles: Number of deliveries according to age

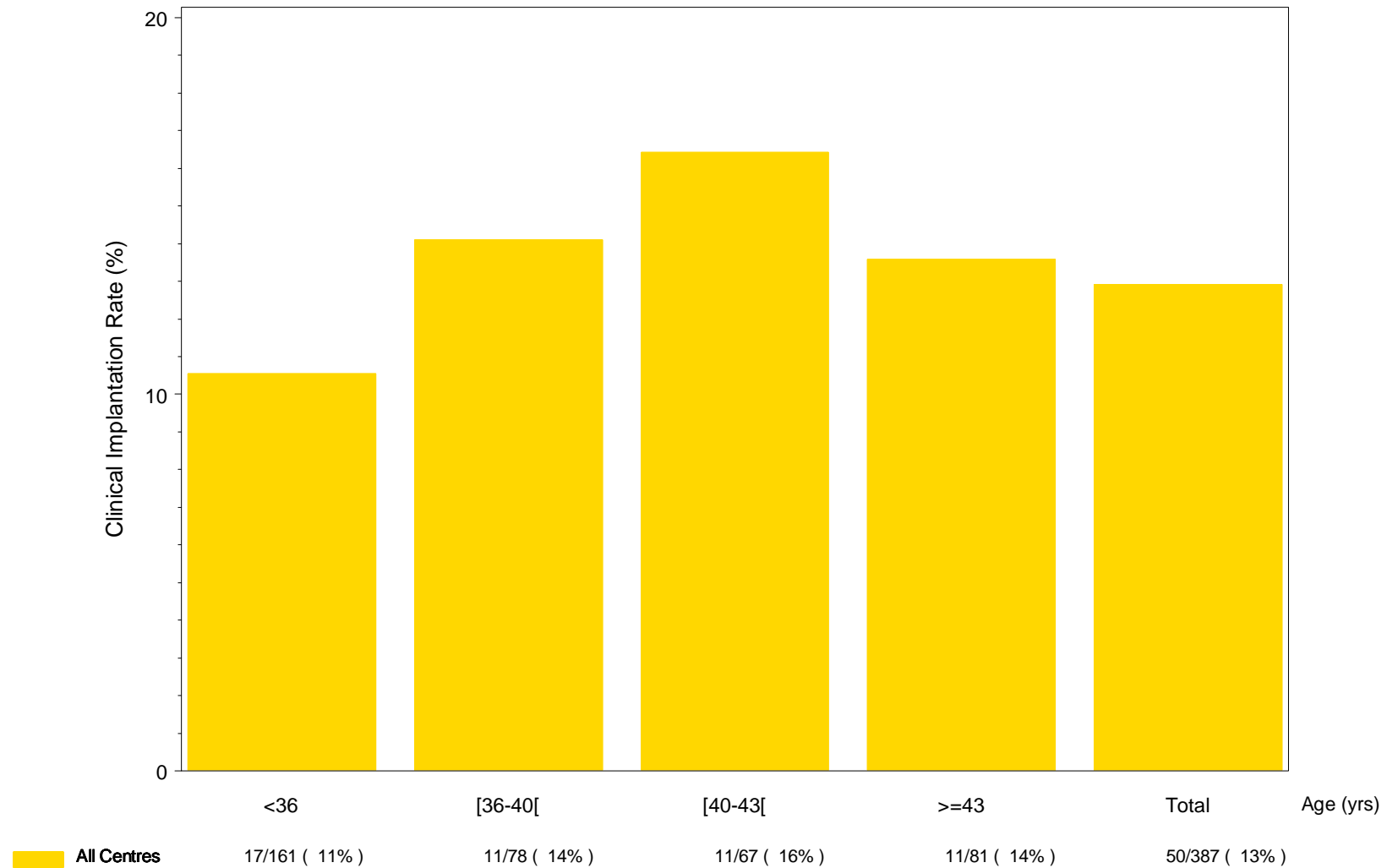| Age (yrs.)	< 36	[36-40[	[40-43[	>=43	All ages
All Centres (N=294, Missing=0)					
Initiated cycles	129	67	48	50	294
Thawing cycles	129	66	46	50	291
Transfers	97	49	39	46	231
Number per delivery: 1/2/3	11/1/0	7/0/0	2/1/0	5/2/0	25/4/0
Delivery rate per initiated cycle	12/127 (9.4%) (9.3% - 10.9%)	7/66 (10.6%) (10.4% - 11.9%)	3/48 (6.3%) (6.3% - 6.3%)	7/50 (14.0%) (14.0% - 14.0%)	29/291 (10.0%) (9.9% - 10.9%)
Delivery rate per thawing cycles	12/127 (9.4%) (9.3% - 10.9%)	7/65 (10.8%) (10.6% - 12.1%)	3/46 (6.5%) (6.5% - 6.5%)	7/50 (14.0%) (14.0% - 14.0%)	29/288 (10.1%) (10.0% - 11.0%)
Delivery rate per embryo transfer	12/95 (12.6%) (12.4% - 14.4%)	7/48 (14.6%) (14.3% - 16.3%)	3/39 (7.7%) (7.7% - 7.7%)	7/46 (15.2%) (15.2% - 15.2%)	29/228 (12.7%) (12.6% - 13.9%)

 NA=no cycles with data available.
In the calculation of the ratios, only cycles with available data are considered. In the line underneath, the range expresses the minimum
and maximum possible rates when accounting for missing data by considering missing delivery as negative and positive, respectively.

Figure 5.9 Cryo recipient cycles: Implantation rate (No. of uterine sacs) per transferred embryo according to age

|	<36	[36-40[	[40-43[	>=43	Total	Age (yrs)
All Centres	21/161 (13%)	12/78 (15%)	14/67 (21%)	13/81 (16%)	60/387 (16%)	

n/N (%) where n = Total number of uterine sacs; N = Total number of embryos transferred; %= n*100/N; NA = No cycles with data available.

Figure 5.10 Cryo recipient cycles: Clinical implantation rate (No. of FHB) per transferred embryo according to age

	<36	[36-40[	[40-43[	>=43	Total	Age (yrs)
All Centres	17/161 (11%)	11/78 (14%)	11/67 (16%)	11/81 (14%)	50/387 (13%)	

n/N (%) where n = Total number of FHB; N = Total number of embryos transferred; %= n*100/N; NA = No cycles with data available.

Figure 5.11 Cryo recipient cycles: Birth rate per transferred embryo according to age
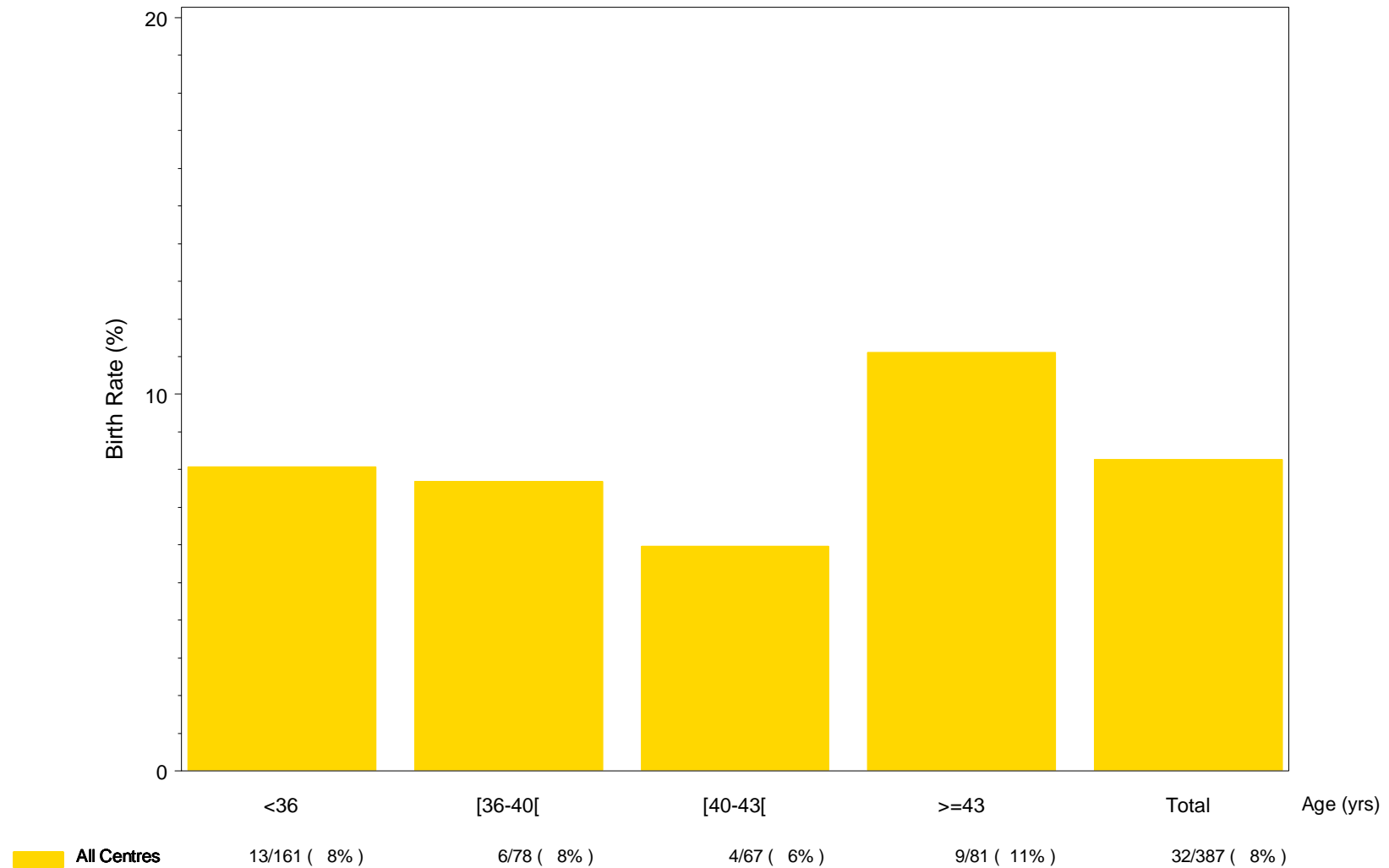
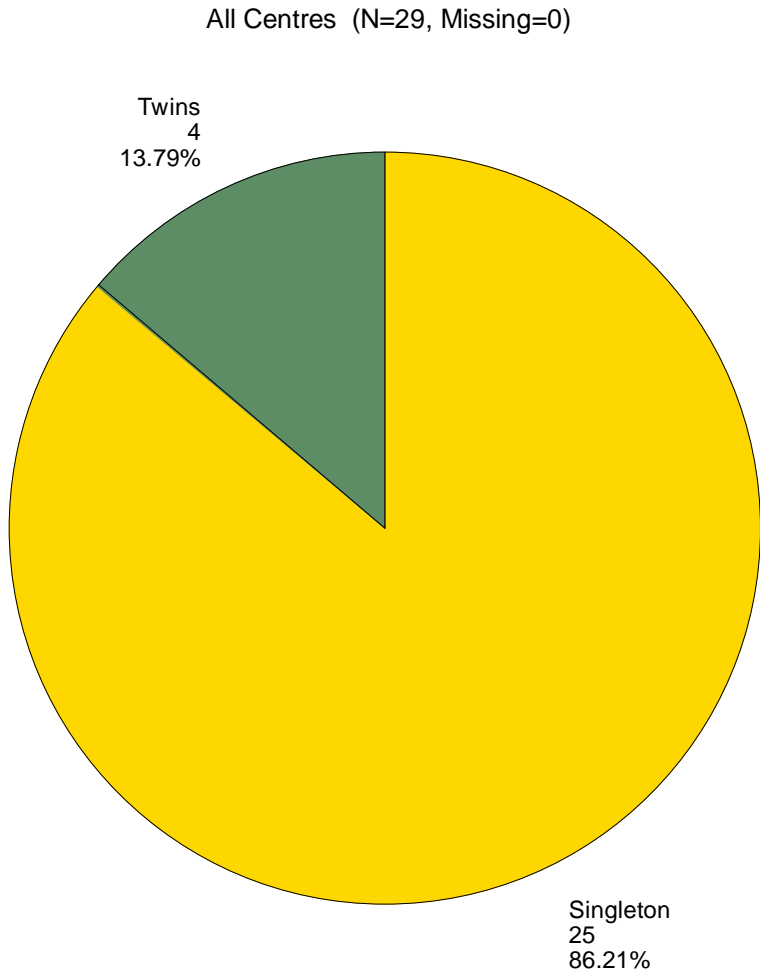|	<36	[36-40[	[40-43[	>=43	Total	Age (yrs)
All Centres	13/161 (8%)	6/78 (8%)	4/67 (6%)	9/81 (11%)	32/387 (8%)	

n/N (%) where n = Total number of babies; N = Total number of embryos transferred; %= n*100/N; NA = No cycles with data available.
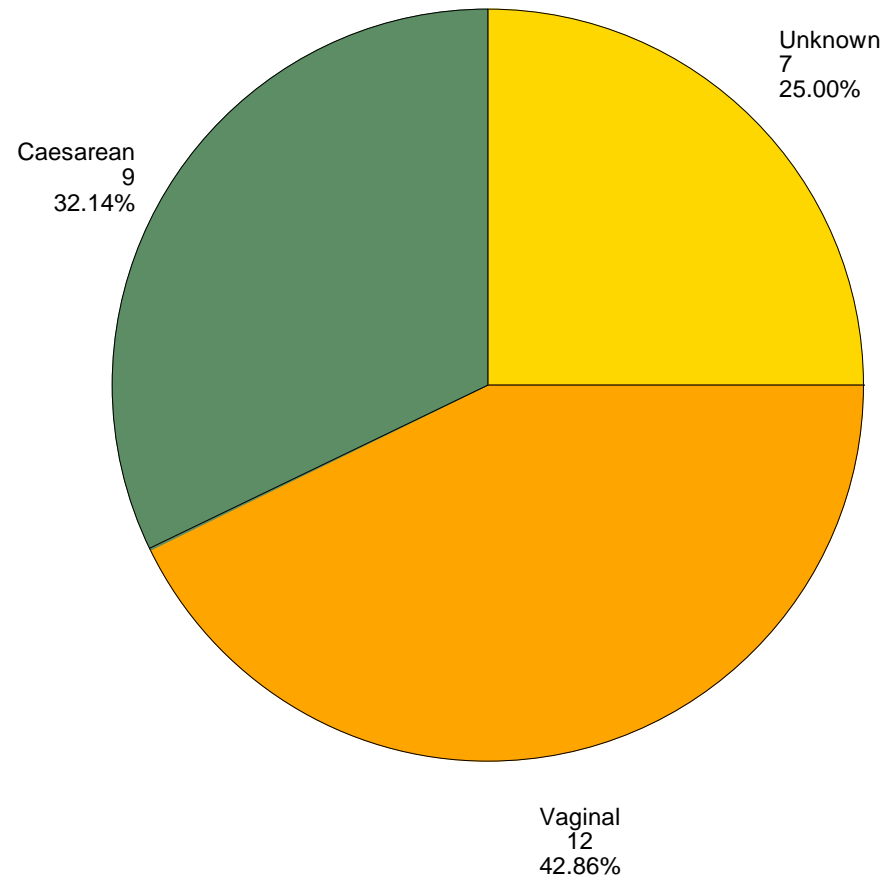
Figure 5.12 Cryo recipient cycles: Number of deliveries

All Centres (N=29, Missing=0)

Twins
4
13.79%

Singleton
25
86.21%

Deliveries of twins or triplets are only counted once.

Table 5.13 Cryo recipient cycles: Type of deliveries

All Centres (N=28, Missing=1)

Unknown
7
25.00%

Caesarean
9
32.14%

Vaginal
12
42.86%

Deliveries of twins or triplets are only counted once.

Table 5.14 Cryo recipient cycles: Sex of babies

	All Centres (N=32, Missing=1)
Sex of baby	
Male	10/32 (31.25%)
Female	18/32 (56.25%)
Unknown	4/32 (12.50%)

Table 5.15 Cryo recipient cycles: Birth weight

	Statistic	All Centres (N=27, Missing=6)
Birth Weight (g)		
Singletons	N	19
	Mean	3201.1
	Std	548.48
	Median	3010.0
	IQR	(2830.0; 3480.0)
Twins	N	8
	Mean	2154.4
	Std	597.41
	Median	2017.5
	IQR	(1720.0; 2775.0)

Table 5.16 Cryo recipient cycles: Gestational age at delivery

	Statistic	All Centres (N=26, Missing=3)
Gestational age at delivery (weeks)		
Singletons	N	22
	Mean	38.9
	Std	1.78
	Median	39.1
	IQR	(37.9; 40.1)
Twins	N	4
	Mean	35.1
	Std	1.77
	Median	35.4
	IQR	(33.6; 36.6)

Twin or triplet birth is counted as one birth event.

Figure 5.17 Cryo recipient cycles: Birth weight (boxplot)
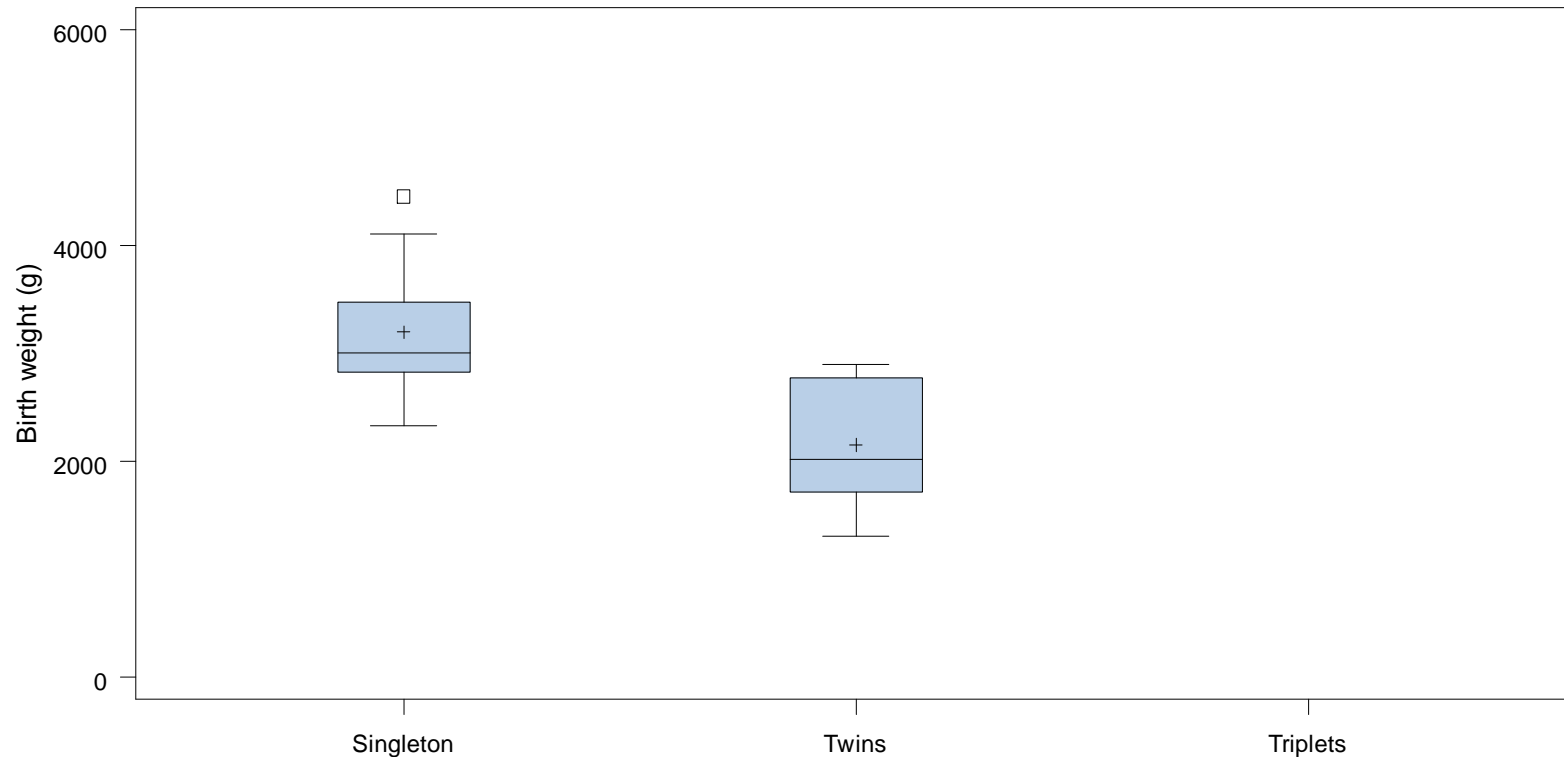
	Singleton	Twins	Triplets
	All Centres		
N	19	8	
Missing	6	0	
Mean	3201.1	2154.4	
SD	548.48	597.41	
Median	3010.0	2017.5	
(Min,Max)	(2330,4460)	(1310,2900)	
(Q1,Q3)	(2830,3480)	(1720,2775)	

Box plot shows median and interquartile range. Whiskers are drawn at (Q3+1.5*IQR, Q1-1.5*IQR).
Q1, Q3 = 1st and 3rd quartile, IQR = Q3 - Q1. +-sign indicates mean value.

Figure 5.18 Cryo recipient cycles: Gestational age at delivery (boxplot)
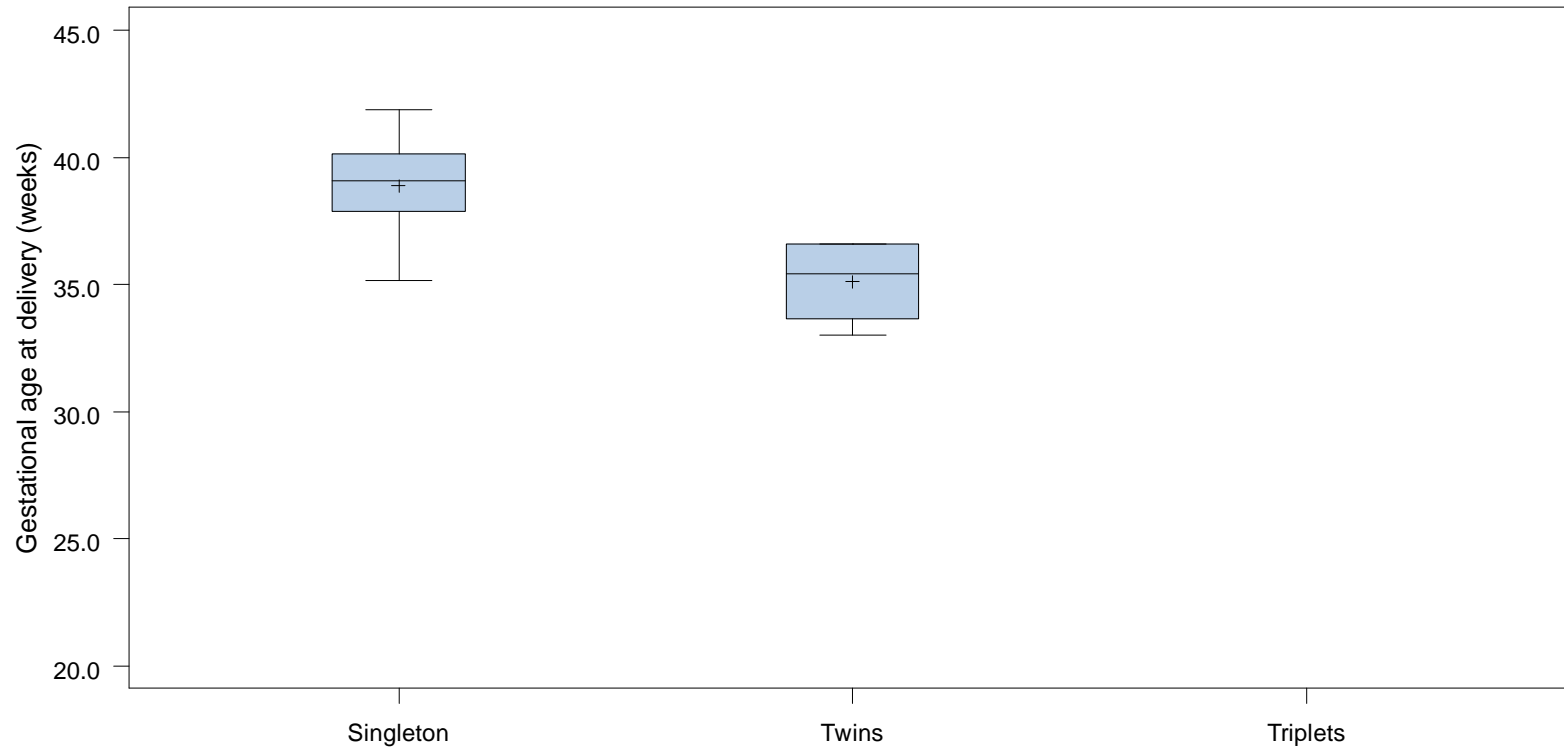
	Singleton	Twins	Triplets
	All Centres		
N	22	4	
Missing	3	0	
Mean	38.9	35.1	
SD	1.78	1.77	
Median	39.1	35.4	
(Min,Max)	(35,42)	(33,37)	
(Q1,Q3)	(38,40)	(34,37)	

Box plot shows median and interquartile range. Whiskers are drawn at (Q3+1.5*IQR, Q1-1.5*IQR).
Q1, Q3 = 1st and 3rd quartile, IQR = Q3 - Q1. +-sign indicates mean value.
Twin or triplet birth is counted as one birth event.

Table 5.19 Cryo recipient cycles: Prevalence of preterm birth according to type of delivery

Gestational age at delivery (weeks)	Type of delivery			
	Single birth event	Twin birth event	Triplet birth event	Total birth events
All Centres (N=26, Missing=3)				
< 32	NA	NA	NA	NA
[32-37[	4 (18.2%)	4 (100.0%)	NA	8 (30.8%)
>=37	18 (81.8%)	NA	NA	18 (69.2%)
Total	22 (100.0%)	4 (100.0%)	NA	26 (100.0%)

Twin or triplet birth is counted as one birth event.

Table 5.20 Cryo recipient cycles: Prevalence of low birth weight according to type of delivery

| Birth weight (g) | Type of delivery | | | |
	Singletons	Twins	Triplets	Total
All Centres (N=27, Missing=6)				
< 1500	NA	1 (12.5%)	NA	1 (3.7%)
[1500-2500[	1 (5.3%)	4 (50.0%)	NA	5 (18.5%)
>= 2500	18 (94.7%)	3 (37.5%)	NA	21 (77.8%)
Total	19 (100.0%)	8 (100.0%)	NA	27 (100.0%)

NA: no data available

Section 6: Fresh donor cycles

Table 6.1 Fresh donor cycles: Overview of cycles

Cycle	All Centres	
Initiated	578	(100.0%)
Cancelled	45	(7.8%)
At least one oocyte received	533	(92.2%)

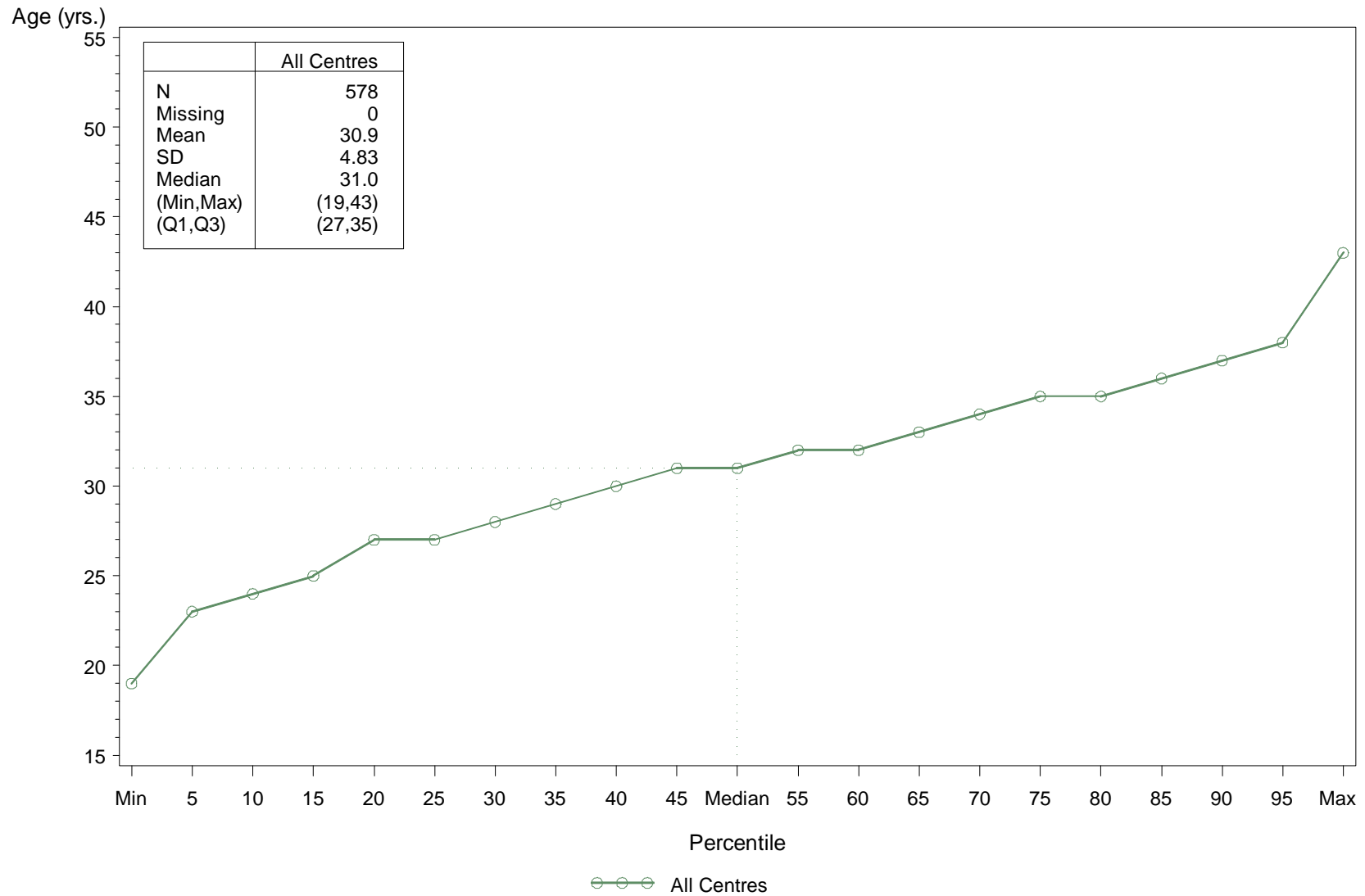**Figure 6.2 Fresh donor cycles: Female age distribution**

	All Centres
N	578
Missing	0
Mean	30.9
SD	4.83
Median	31.0
(Min,Max)	(19,43)
(Q1,Q3)	(27,35)

Table 6.3 Fresh donor cycles: Pituitary inhibition

All Centres (N=578, Missing=0)

None
36
6.23%

Antagonist
51
8.82%

Agonist - short
160
27.68%

Agonist - long
331
57.27%
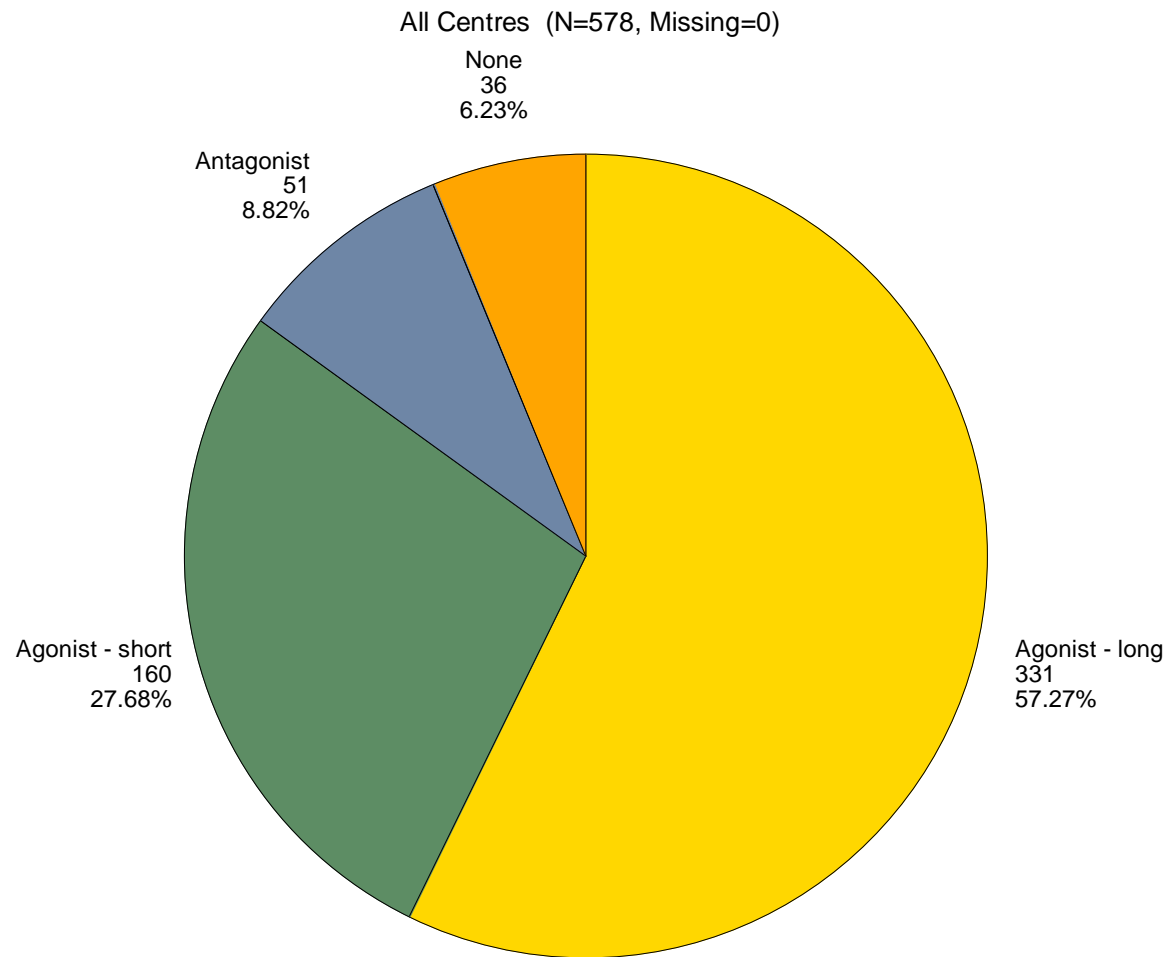
Table 6.4 Fresh donor cycles: Stimulation protocol

	Statistic	All Centres (N=578, Missing=0)
Stimulation protocol		
Gonadotrophins	n/N (%)	542/578 (93.77%)
Clomiphene + Gonadotrophins	n/N (%)	1/578 (0.17%)
Substitution	n/N (%)	1/578 (0.17%)
None	n/N (%)	18/578 (3.11%)
Other	n/N (%)	16/578 (2.77%)

Figure 6.5 Fresh donor cycles: Total dose of Gonadotrophins (percentiles)

	All Centres
N	535
Missing	8
Mean	2212.1
SD	930.53
Median	2050.0
(Min,Max)	(18,5400)
(Q1,Q3)	(1575,2700)

Percentile

○─○─○ All Centres
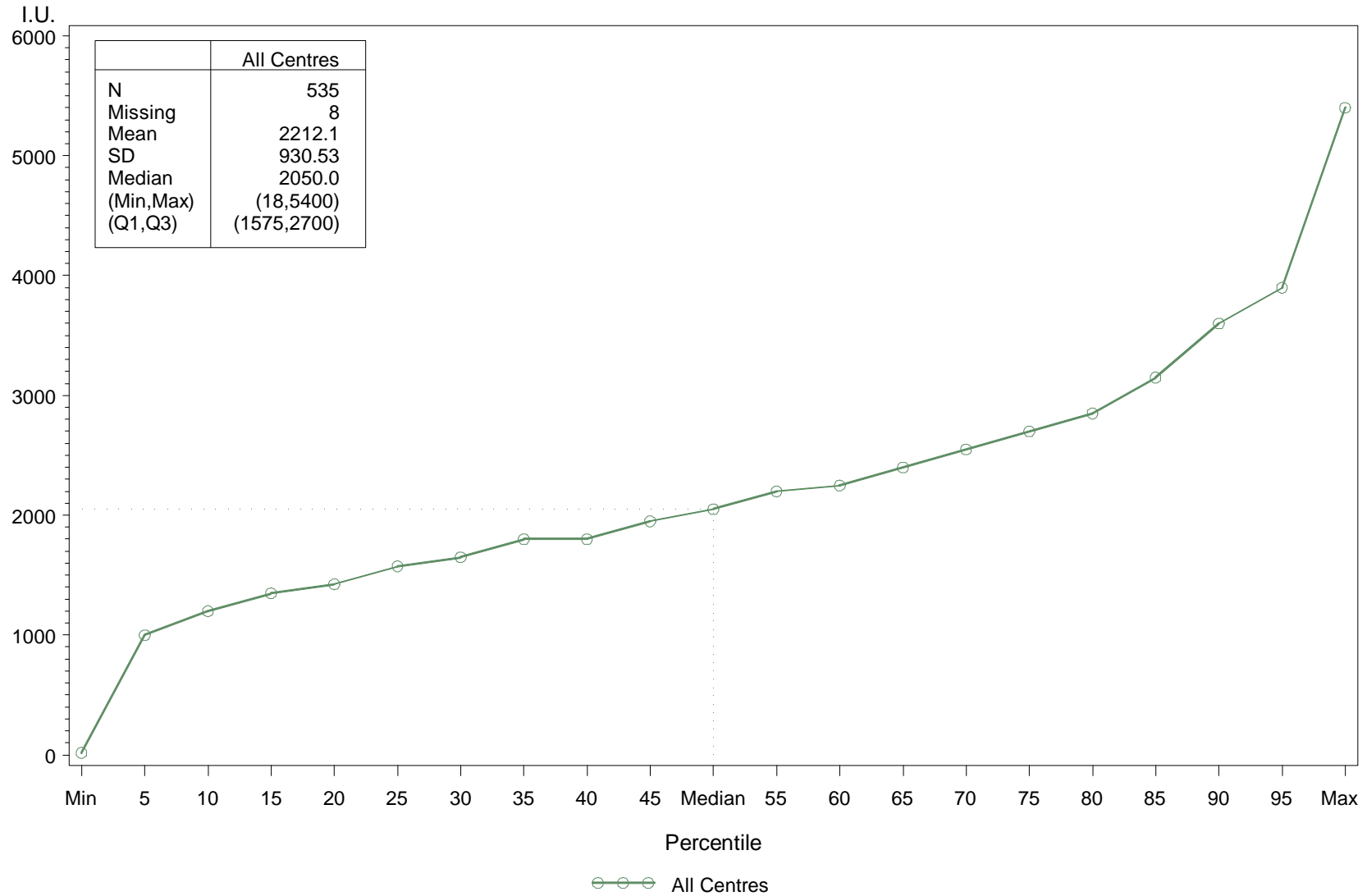
Section 7: Appendix

Table 7.1 : Definitions

Term	Definition
Clinical pregnancy	The presence of intra- or extra-uterine sacs on an ultrasound scan.
Delivery	Birth of a child, death or alive, of >= 500g or >= 22 weeks if birth weight is unknown.
Gestational age	Age of an embryo or fetus calculated by adding 14 days (2 weeks) to the number of completed weeks since fertilization.

Table 7.2 : List of B-centres having supplied data

City	Centre
Antwerpen	Dienst Fertiliteit, Algemeen Ziekenhuis Middelheim
Braine L'alleud	Centre de Fécondation ,C.H. Interrégional Edith Cavell (CHIREC)
Brugge	BIRTH - Fertiliteitskliniek, Algemeen Ziekenhuis Sint-Jan
Brussel	Centrum voor Reproduktieve Geneeskunde, UZ-Brussel
Bruxelles	Clinique de Procréation Médicalement Assistée, Hôpital Universitaire Saint- Pierre – U.L.B.
Bruxelles	Service de Gynécologie, Cliniques Universitaires Saint-Luc – U.C.L.
Bruxelles	Centre de FIV de l'ULB- Hôpital Erasme
Charleroi	Service Gyn/Obst,Clinique Notre Dame
Edegem	Centrum voor Reproductieve Geneeskunde, Universitair Ziekenhuis Antwerpen - U.I.A.
Genk	Centre for Reproductive Medicine, Ziekenhuis Oost-Limburg - St. Jan
Gent	Vrouwenkliniek - Infertiliteitscentrum, U.Z. – Gent
Gent	Centrum voor Fertiliteitstherapie, A.Z. Jan Palfijn
Leuven	Dienst Gynaecologie, Universitaire Ziekenhuizen K.U.Leuven Gasthuisberg
Leuven	Unit Reproductieve Geneeskunde, Regionaal Ziekenhuis Heilig Hart
Libramont	Centre d'Infertilité, Centre Hospitalier de l'Ardenne
Liège	Centre de FIV, Centre Hospitalier Régional de la Citadelle
Namur	Service Gynéco, Centre Hospitalier Régional de Namur
Rocourt	Centre Liégeois pour l'Etude et le Traitement de la Stérilité, Clinique Saint Vincent

Colophon