

Report of the College of Physicians for Assisted Reproduction Therapy

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Section 1: General overview

Table 1.1 All cycles: Type of cycles

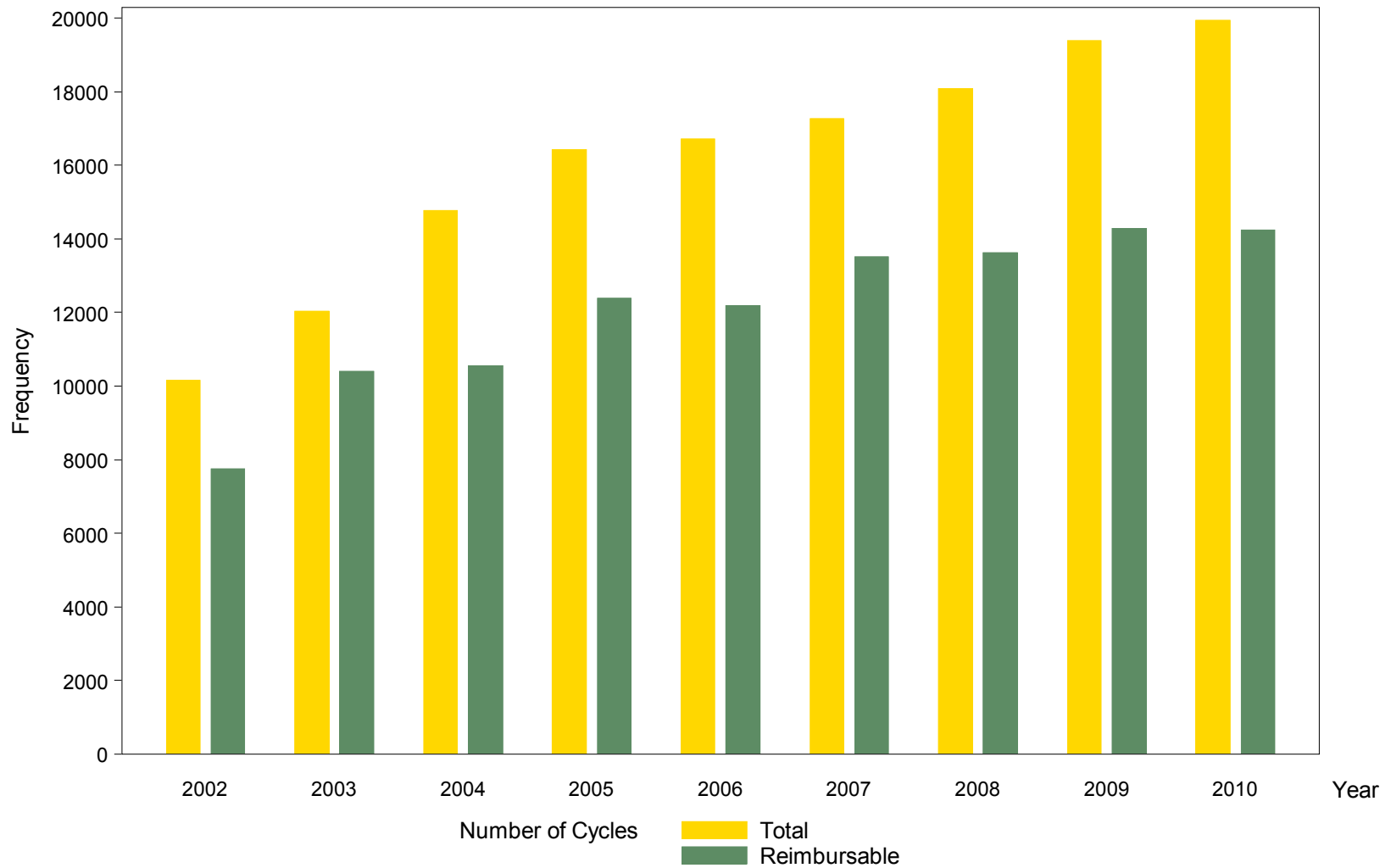
	Statistic	Total (N=32878)	All Centres	
			With social security (N=26204)	Without social security (N=6674)
Own fresh cycle	n (%)	21201 (64.48%)	16979 (64.80%)	4222 (63.26%)
Own cryo cycle	n (%)	9342 (28.41%)	7865 (30.01%)	1477 (22.13%)
Fresh recipient cycle	n (%)	911 (2.77%)	487 (1.86%)	424 (6.35%)
Cryo embryo recipient – donor egg	n (%)	501 (1.52%)	306 (1.17%)	195 (2.92%)
Fresh Donor cycle	n (%)	653 (1.99%)	422 (1.61%)	231 (3.46%)
Fresh sharing cycle	n (%)	85 (0.26%)	3 (0.01%)	82 (1.23%)
Mixed (fresh + thawed) cycle	n (%)	11 (0.03%)	9 (0.03%)	2 (0.03%)
Unspecified fresh cycle	n (%)	5 (0.02%)	4 (0.02%)	1 (0.01%)
Unspecified cryo cycle	n (%)	71 (0.22%)	50 (0.19%)	21 (0.31%)
Unknown cycle type	n (%)	61 (0.19%)	56 (0.21%)	5 (0.07%)
Fresh surrogate carier	n (%)	9 (0.03%)	4 (0.02%)	5 (0.07%)
Fresh surrogate carrier donor	n (%)	8 (0.02%)	5 (0.02%)	3 (0.04%)
Cryo embryo recipient – donor embryo	n (%)	20 (0.06%)	14 (0.05%)	6 (0.09%)

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

	All Centres (N=17417, Missing=2519)		
	Patients with Social Security	Patients without Social Security	Total
	N (%)	N (%)	N
All ages & ranks	14670 (84.2%)	2747 (15.8%)	17417
< 43 years old & rank < 7	14329 (85.7%)	2383 (14.3%)	16712
< 43 years old & rank >=7	254 (65.5%)	134 (34.5%)	388
>= 43 years old	87 (27.4%)	230 (72.6%)	317

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	21201 (100.0%)
Cancelled	2091 (9.9%)
Aspiration	19110 (90.1%)
Embryo Transfer	16468 (77.7%)

Figure 2.2 Own fresh cycles: Female age and laborank

All Centres (N=16822, Missing=4379)

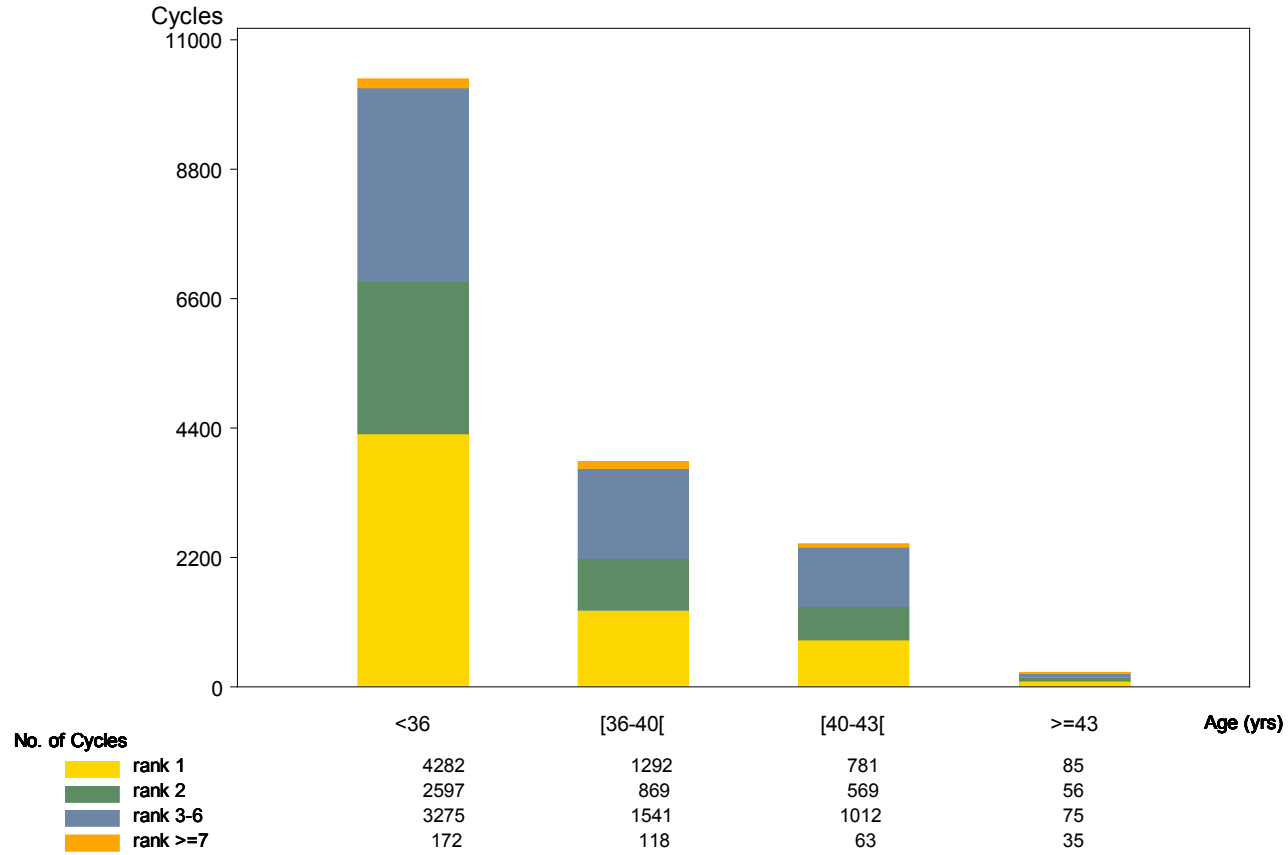
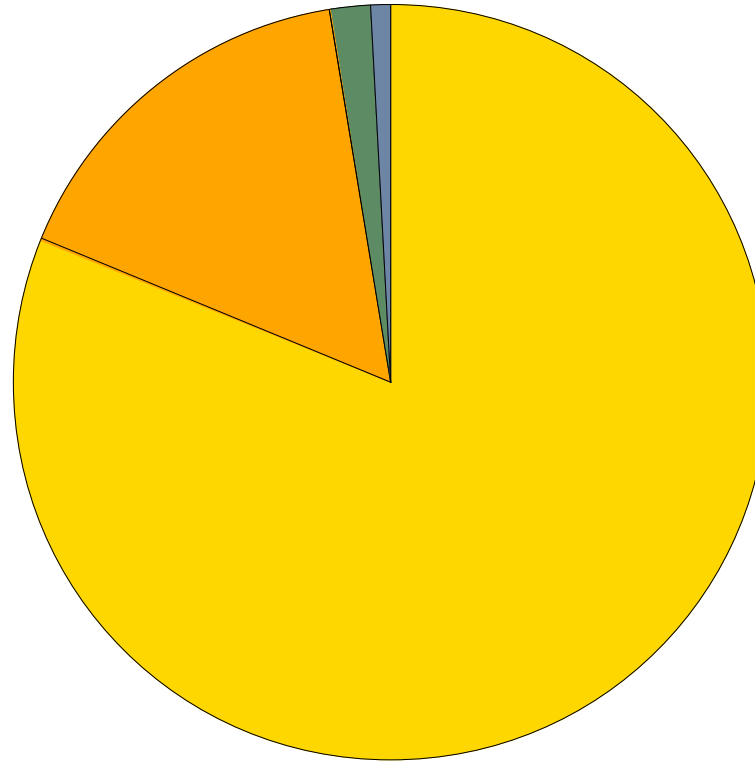


Figure 2.3 Own fresh cycles: Residence of the patient

All Centres (N=21201)



Residence





	Belgium: n (%) = 17221 (81.23%)
	Europe: n (%) = 3424 (16.15%)
	Other: n (%) = 374 (1.76%)
	Unknown: n (%) = 182 (0.86%)

Figure 2.4 Own fresh cycles: Indications of ART

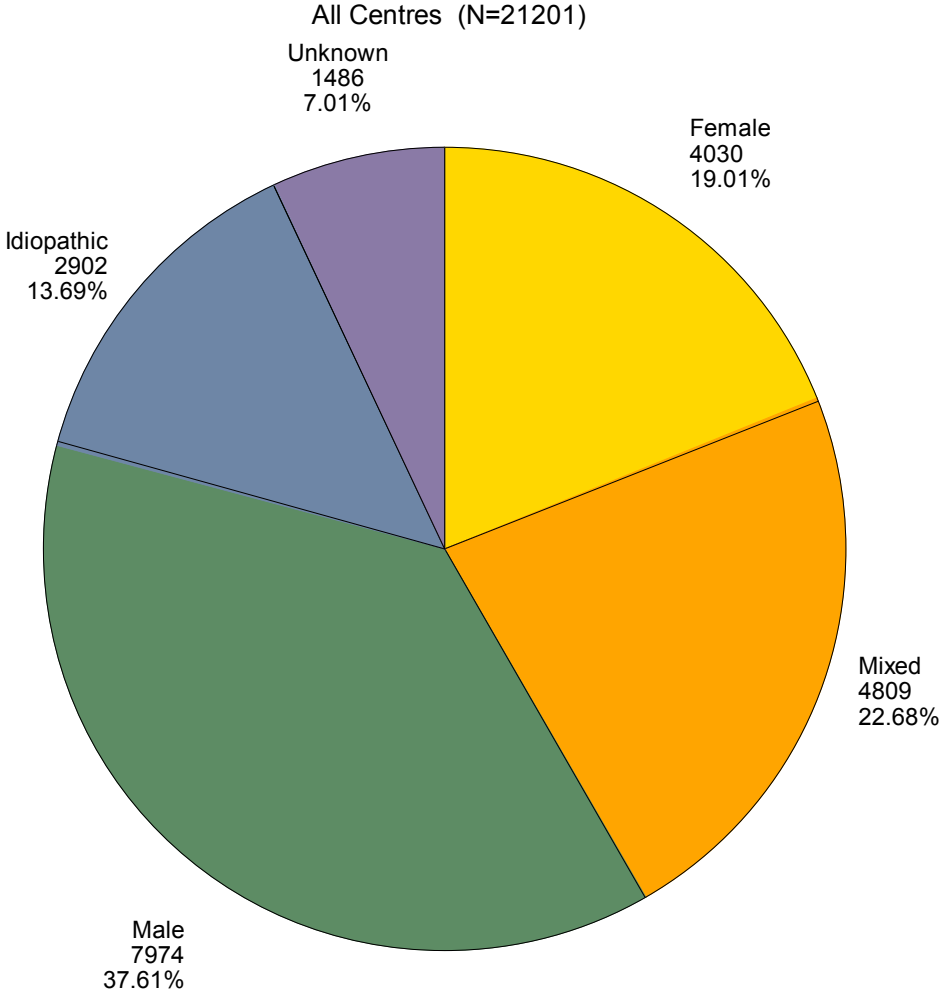


Table 2.5 Own fresh cycles: Indications of ART: female and male causes

	Statistic	All Centres
Female pathology	N	8839
Tubal	n/N (%)	3487/8465 (41.19%)
Endometriosis	n/N (%)	2326/7936 (29.31%)
Ovulatory	n/N (%)	3247/8529 (38.07%)
Abnormal Cavity	n/N (%)	766/7976 (9.60%)
Premature Ovarian Failure	n/N (%)	189/8518 (2.22%)
Genetic anomaly	n/N (%)	339/6750 (5.02%)
Immunological	n/N (%)	72/6067 (1.19%)
Male pathology	N	12783
Genetic anomaly	n/N (%)	375/9918 (3.78%)
Sperm abnormality	n/N (%)	12486/12765 (97.81%)
Immunological	n/N (%)	330/9997 (3.30%)

Some patients have more than one cause identified per cycle.

Figure 2.6 Own fresh cycles: Female age distribution

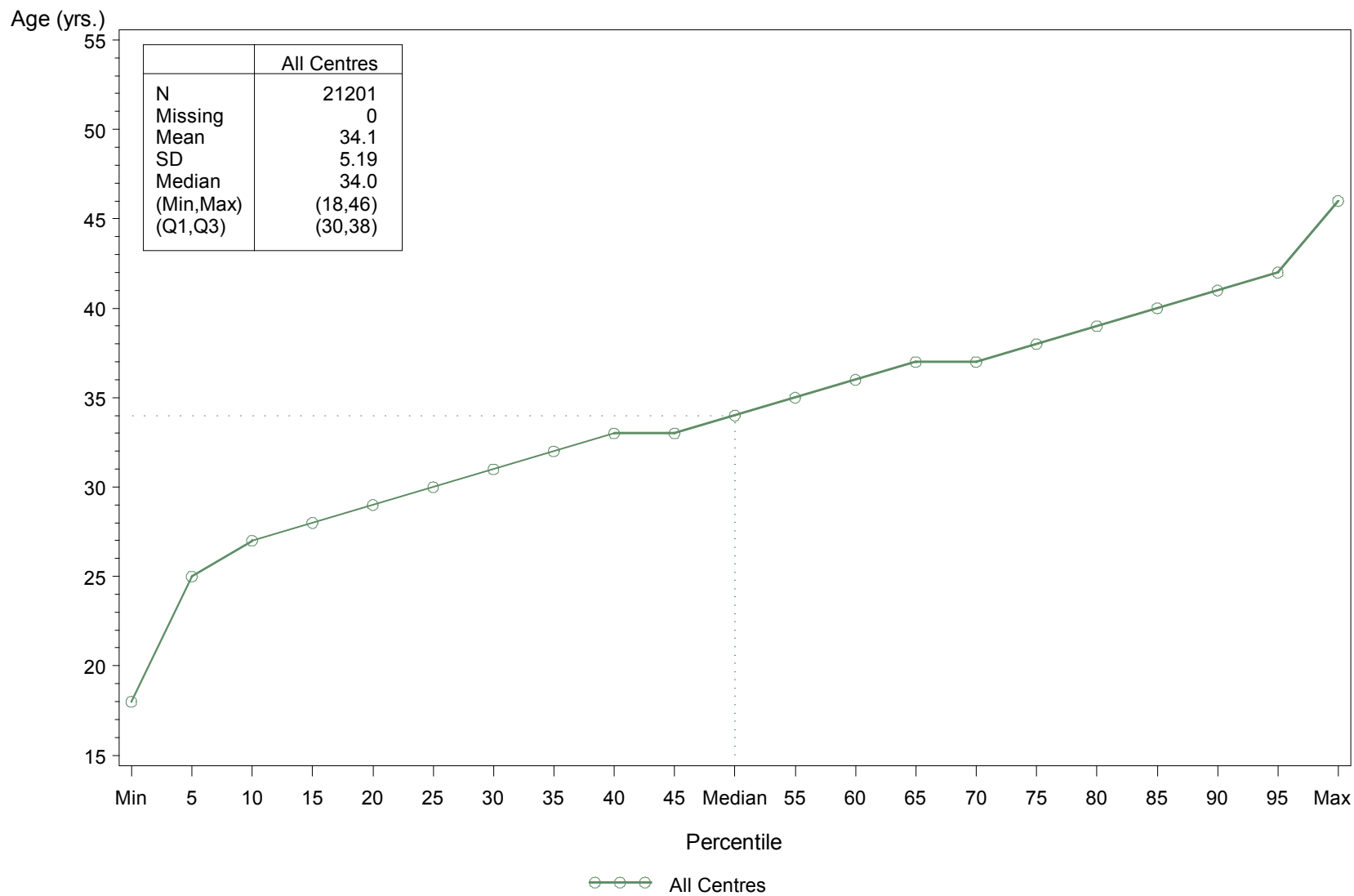


Figure 2.7 Own fresh cycles: Pituitary inhibition

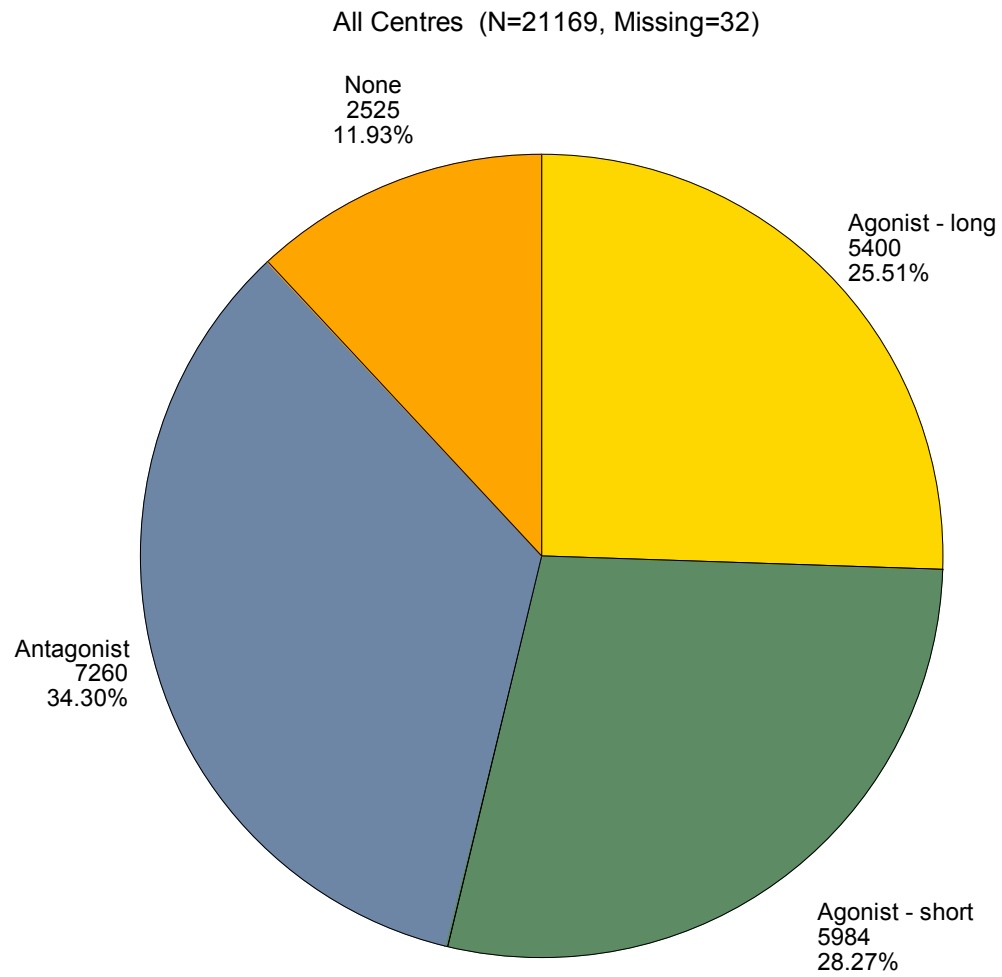


Table 2.8 Own fresh cycles: Stimulation protocol

	Statistic	All Centres (N=21121, Missing=80)
Stimulation protocol		
Clomiphene	n/N (%)	76/21121 (0.36%)
Gonadotrophins combined recombinant and urinary	n/N (%)	3287/21121 (15.56%)
Gonadotrophins recombinant only	n/N (%)	7722/21121 (36.56%)
Gonadotrophins urinary only	n/N (%)	6926/21121 (32.79%)
Clomiphene + Gonadotrophins	n/N (%)	430/21121 (2.04%)
Aromatase Inhibitor + Gonadotrophins	n/N (%)	515/21121 (2.44%)
Substitution	n/N (%)	38/21121 (0.18%)
None	n/N (%)	1061/21121 (5.02%)
Other	n/N (%)	1066/21121 (5.05%)

Figure 2.9 Own fresh cycles: Total dose of Gonadotrophins (percentiles)

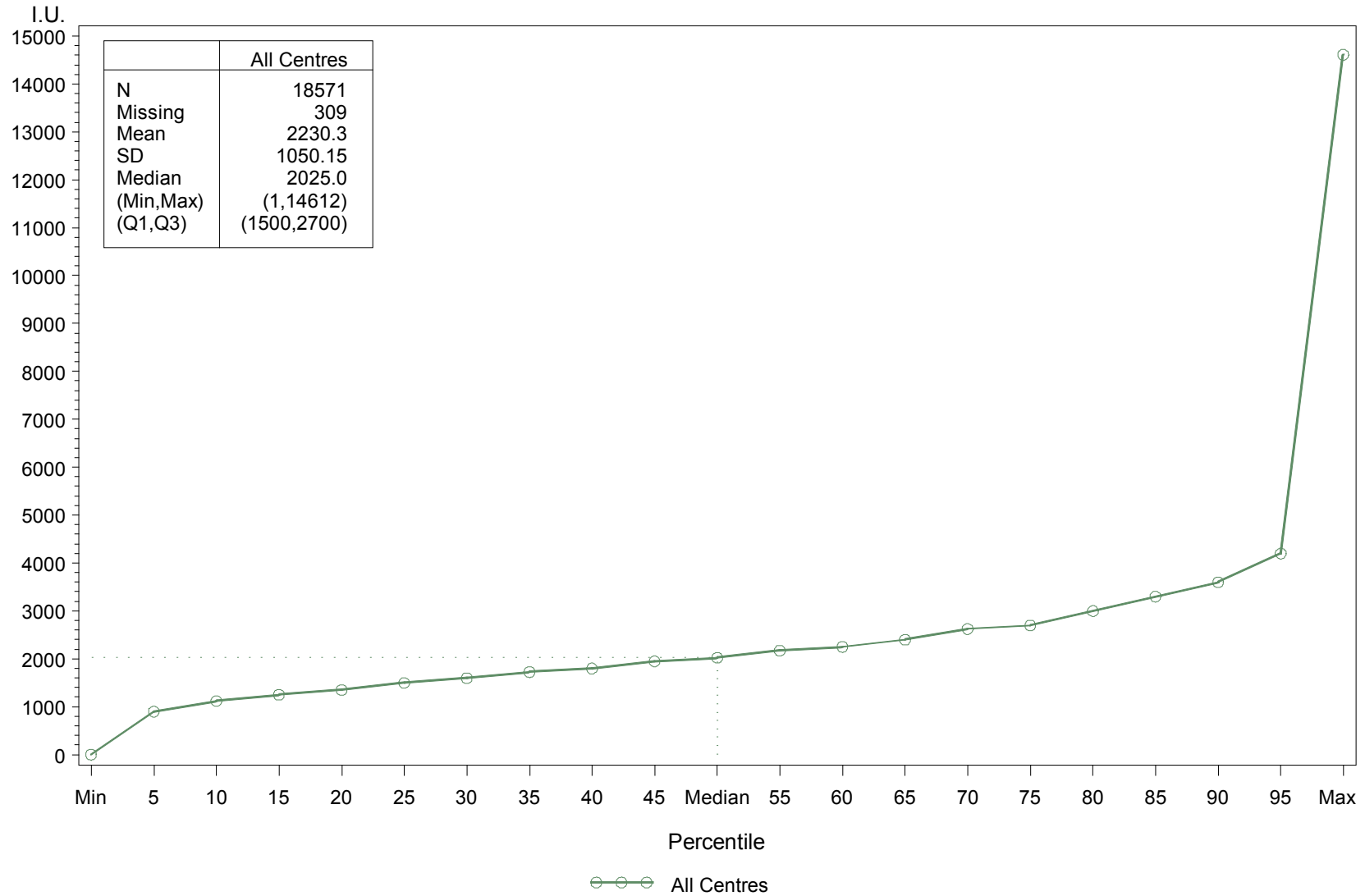
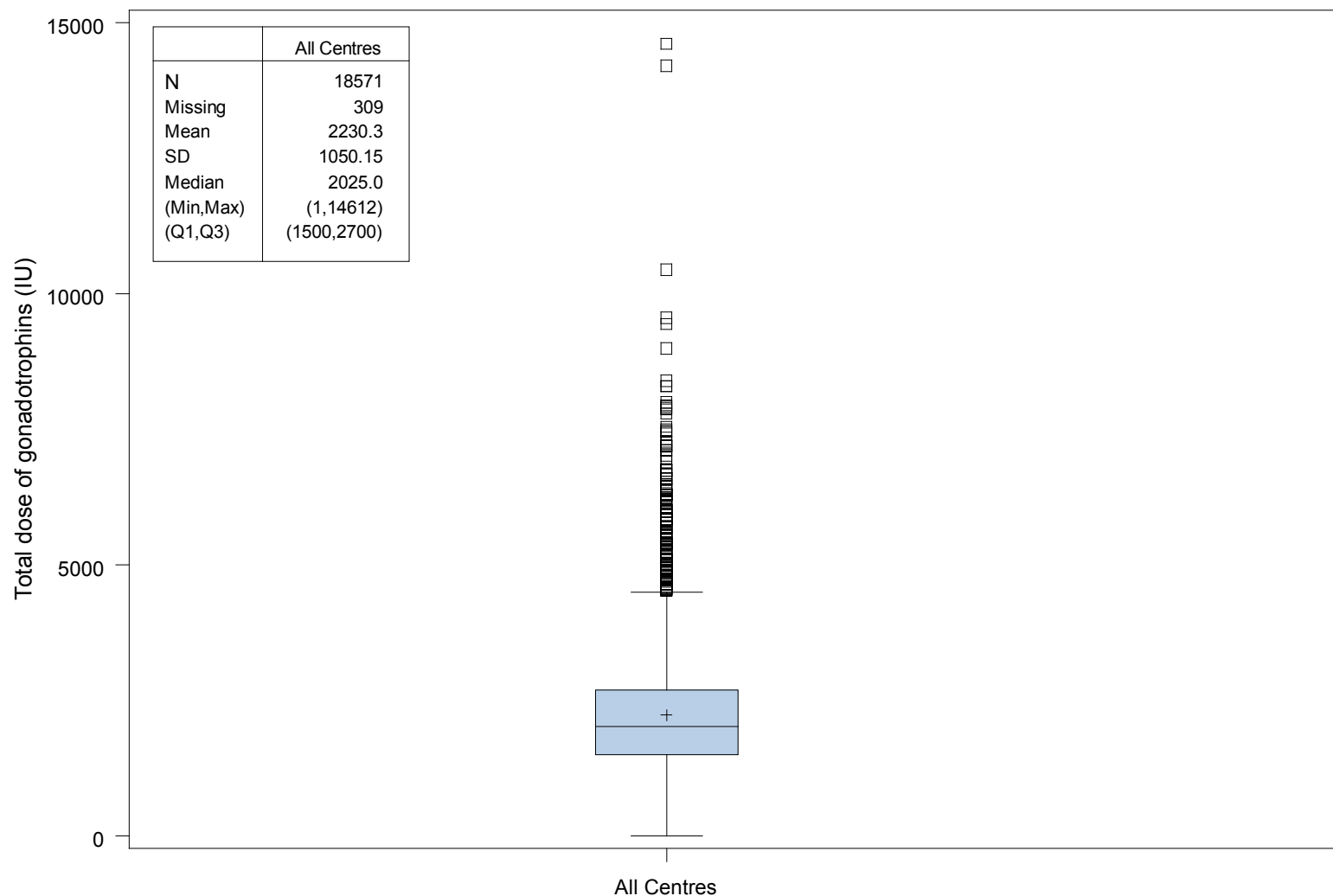


Figure 2.10 Own fresh cycles: Total dose of Gonadotrophins (boxplot)



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 2.11 Own fresh cycles: Methods of fertilization

	Statistic	All Centres (N=18286, Missing=376)
Method of fertilization		
IVF	n/N (%)	4579/18286 (25.04%)
ICSI	n/N (%)	12416/18286 (67.90%)
Mixed (IVF + ICSI)	n/N (%)	1291/18286 (7.06%)

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

Table 2.12 Own fresh cycles: ICSI method sperm from partner

Sperm	All Centres (N=11476, Missing=7)					
	Fresh		Thawed		Total	
	N	%	N	%	N	%
Ejaculated	10050	93.99	643	6.01	10693	93.18
Surgical retrieved	240	30.65	543	69.35	783	6.82
Total	10290	89.67	1186	10.33	11476	100.00

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

Table 2.13 Own fresh cycles: Transfers by age and rank categories

Age (yrs)	<36					[36-40[					[40-43[					Total	
	Rank	1	2	3-6	>=7	Total	1	2	3-6	>=7	Total	1	2	3-6	>=7		Total
All Centres (N=16822, Missing=2288)																	
Aspirations	4282	2597	3275	172	10326	1292	869	1541	118	3820	781	569	1012	63	2425	251	16822
Transfers	3903	2399	3041	153	9496	1144	785	1384	110	3423	669	501	861	52	2083	218	15220
Embryos transferred																	
1	3803	1424	822	48	6097	470	269	374	22	1135	213	170	241	9	633	53	7918
2	88	967	2204	96	3355	638	482	683	51	1854	287	172	271	21	751	69	6029
3	1	1	9	7	18	33	33	321	36	423	149	133	291	15	588	60	1089
>3	0	0	0	2	2	1	0	5	1	7	18	25	58	7	108	36	153
Unknown	11	7	6	0	24	2	1	1	0	4	2	1	0	0	3	0	31

Table 2.14 Own fresh cycles: Transfers by social security

All Centres (N=21201, Missing=0)			
	With social security	Without social security	Total
Initiated cycles	16979	4222	21201
Aspirations	15465	3645	19110
Transfers	13400	3068	16468
Embryos transferred			
1	7289	1081	8370
2	5143	1383	6526
3	835	466	1301
>3	103	136	239
Unknown	30	2	32

Figure 2.15 Own fresh cycles: Embryos transferred women < 36 years old

All Centres (N=9472, Missing=573)

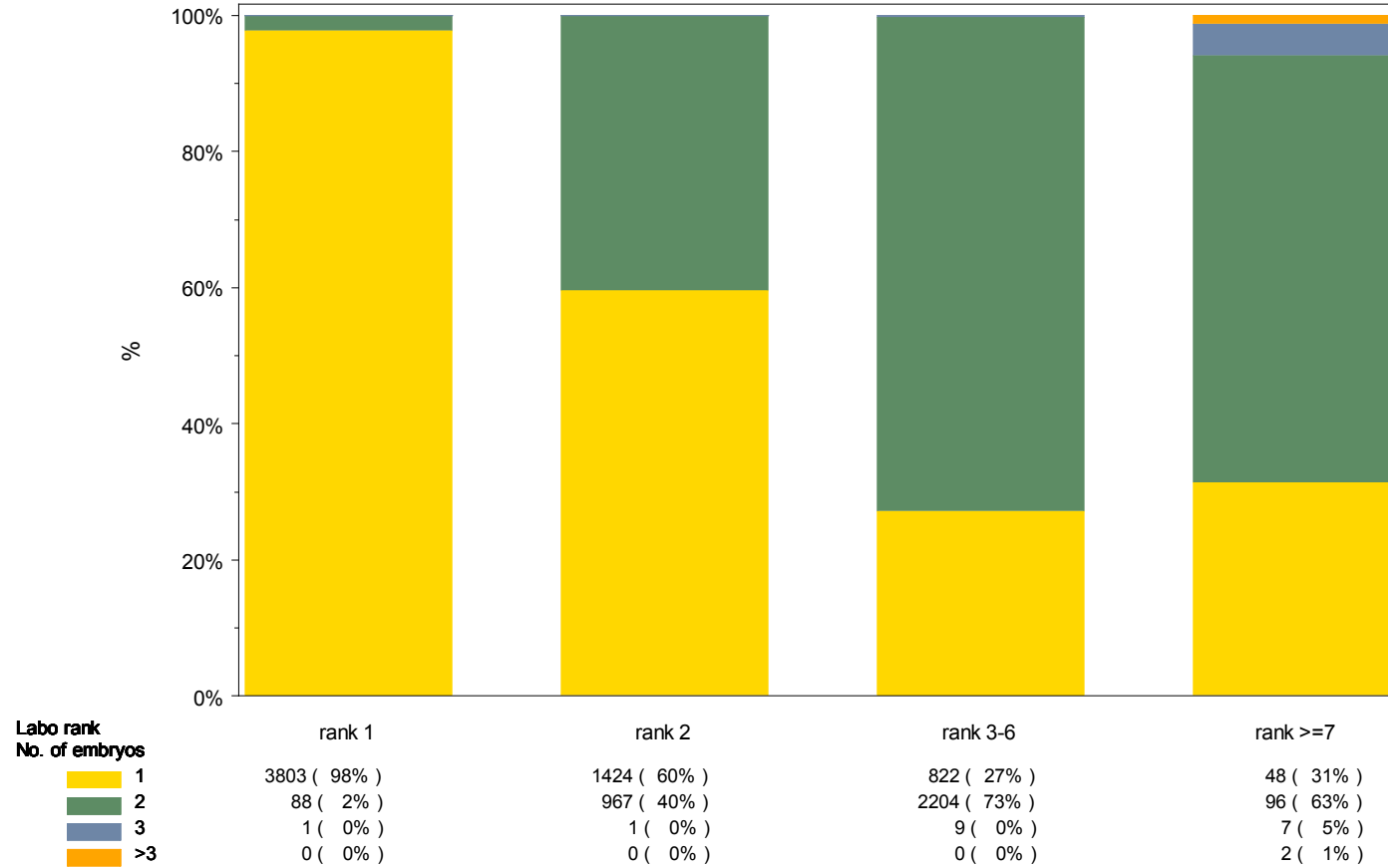


Figure 2.16 Own fresh cycles: Embryos transferred women 36-40 years old

All Centres (N=3419, Missing=406)

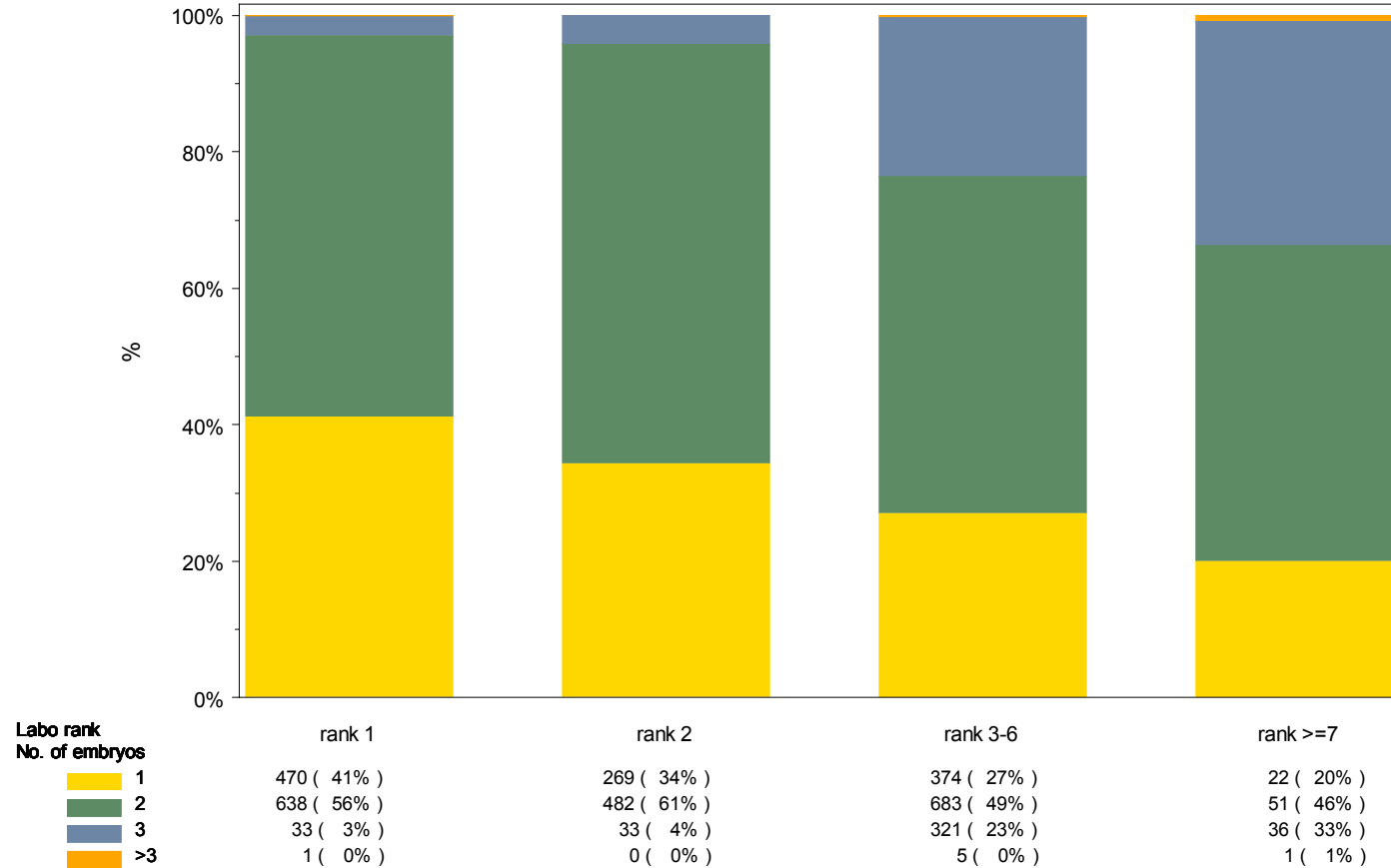


Figure 2.17 Own fresh cycles: Embryos transferred women 40-43 years old

All Centres (N=2080, Missing=209)

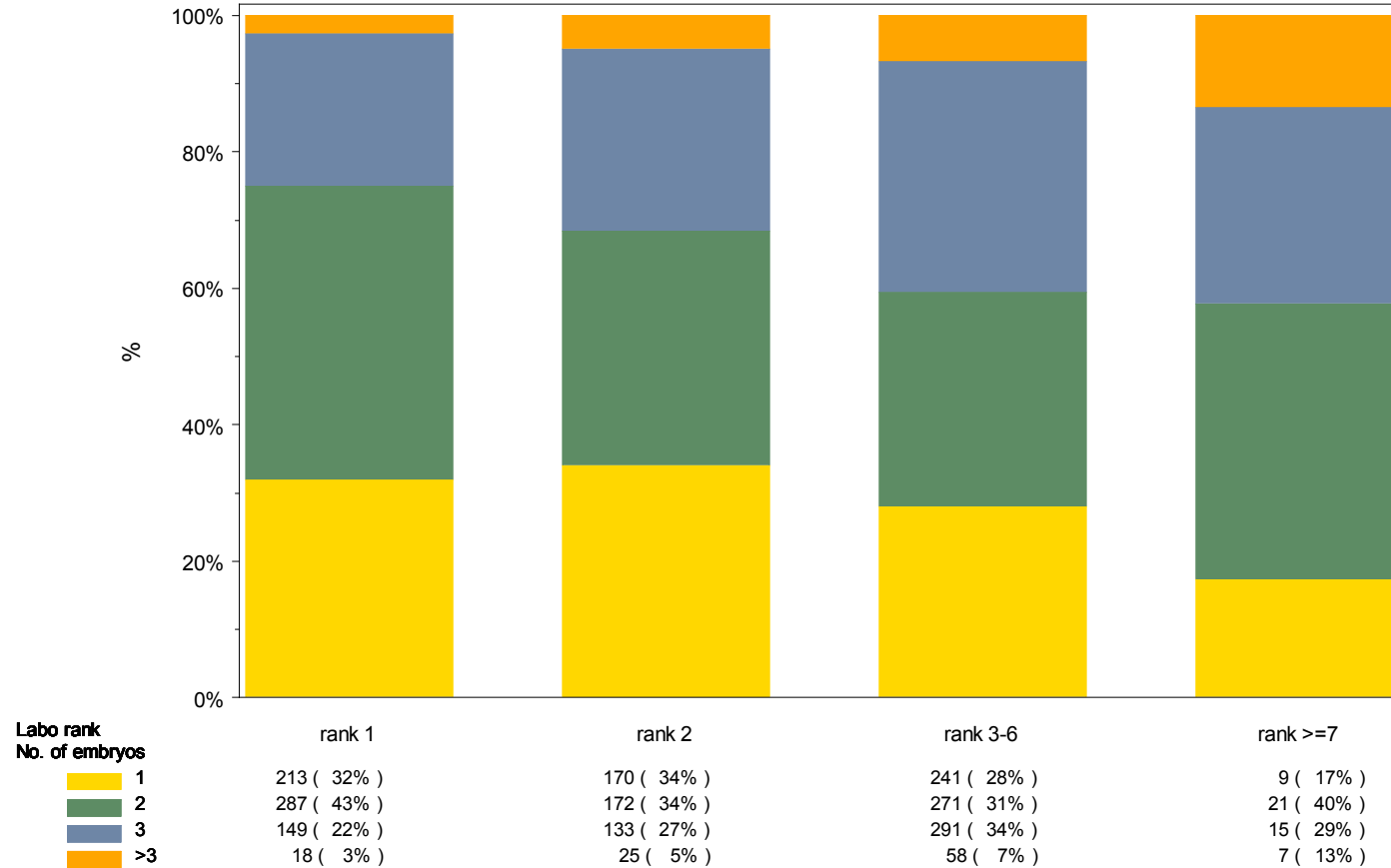
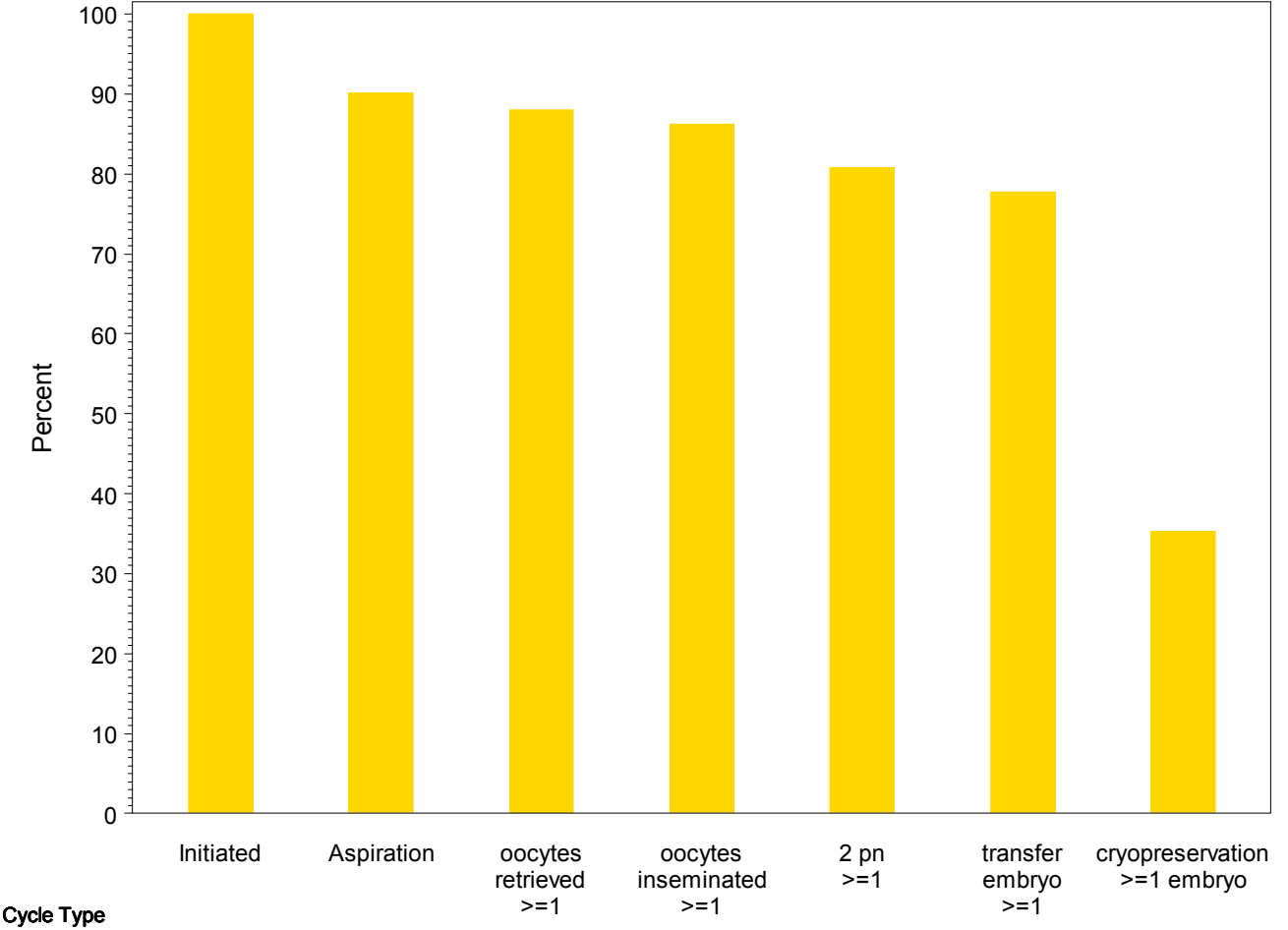


Table 2.18 Own fresh cycles: Laboratory data

All Centres (N=21201, Missing=0)						
	Oocytes retrieved	Oocytes inseminated (IVF, ICSI or mixed)	2 PN oocytes	Transferred embryos	Cryopreserved embryos	
n	166600	143048	93497	26407	26102	
%	100.0%	85.9%	56.1%	15.9%	15.7%	
per initiated cycle	7.9	6.7	4.4	1.2	1.2	

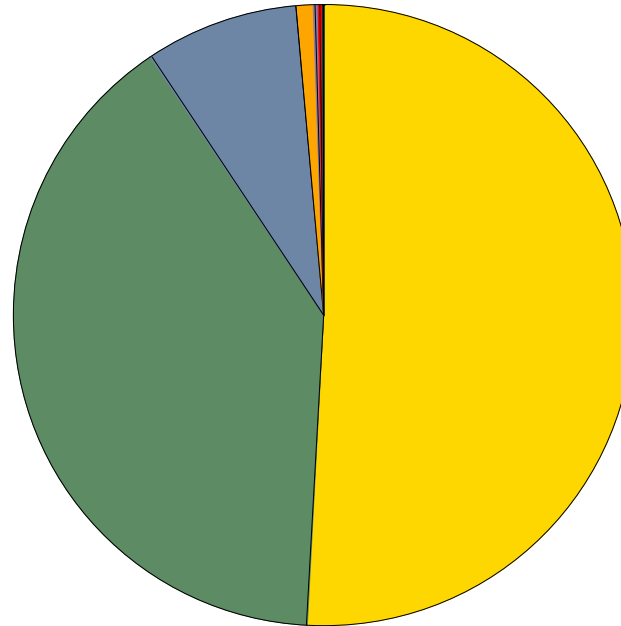
Figure 2.19 Own fresh cycles: Summary pick-up cycles



No. of Cycles (%)							
All Centres	21201 (100%)	19110 (90%)	18662 (88%)	18286 (86%)	17117 (81%)	16468 (78%)	7489 (35%)

Figure 2.20 Own fresh cycles: Distribution of embryo transfers

All Centres (N=16436, Missing=32)



Number of embryos transferred










	1 embryo : n (%) = 8370 (50.92%)
	2 embryos : n (%) = 6526 (39.71%)
	3 embryos : n (%) = 1301 (7.92%)
	4 embryos : n (%) = 165 (1.00%)
	5 embryos : n (%) = 41 (0.25%)
	6 embryos : n (%) = 23 (0.14%)
	7 embryos : n (%) = 5 (0.03%)
	8 embryos : n (%) = 1 (0.01%)
	9 embryos : n (%) = 4 (0.02%)

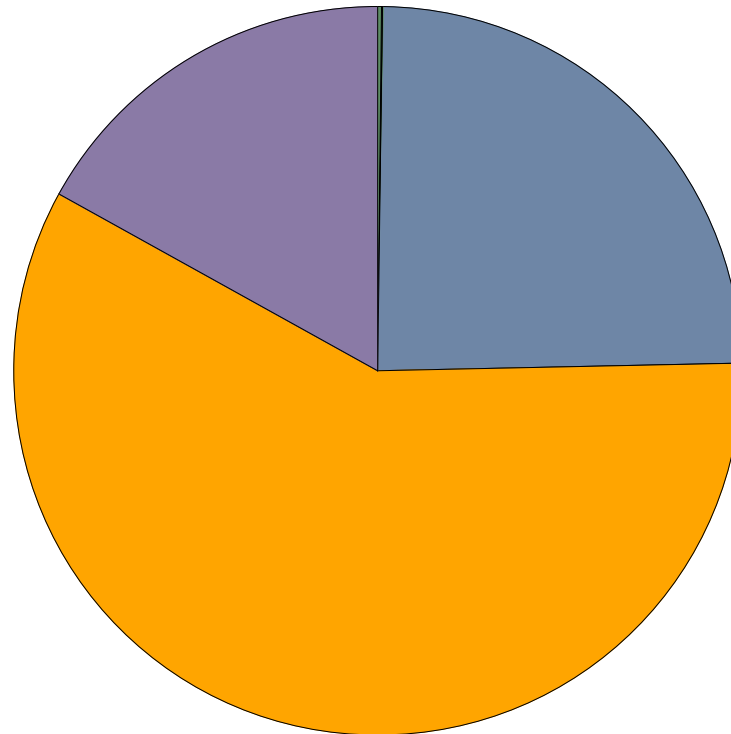
Table 2.21 Own fresh cycles: Cause of no transfer

	Statistic	All Centres
No Transfer	N	2571
No oocyte	n/N (%)	631/2562 (24.63%)
No sperm	n/N (%)	152/2562 (5.93%)
No transferable embryo available	n/N (%)	1340/2562 (52.30%)
OHSS risk	n/N (%)	164/2562 (6.40%)
Other reason	n/N (%)	641/2562 (25.02%)
Unknown	n/N (%)	9/2571 (0.35%)

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

Figure 2.22 Own fresh cycles: Day of embryos transfer

All Centres (N=16449, Missing=19)



Day of Embryo Transfer






	Day 0: n (%) = 21 (0.13%)
	Day 1: n (%) = 12 (0.07%)
	Day 2: n (%) = 4028 (24.49%)
	Day 3: n (%) = 9601 (58.37%)
	Day 4-5-6-7: n (%) = 2787 (16.94%)

Table 2.23 Own fresh cycles: Cycles with cryopreservation

	All Centres (N=18605, Missing=57)
Number of cycles with cryopreservation	7489/18605 (40%)
Number of embryos cryopreserved	26102
Number of embryos per cryopreservation procedure	
Median	3.0
(Q1,Q3)	(2.0; 5.0)
Stage of the cryopreserved embryos	
2 PN	882/26102 (3%)
Cleaved	20046/26102 (77%)
Blastocysts	5174/26102 (20%)
Percent freezing of non transferred embryos	26102/140193 (19%)

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

Table 2.24 Own fresh cycles: Number of HCG+ pregnancies

Cycle	All Centres
Aspirations	19110
Transfers	16468
HCG + per aspiration cycle	5722/18882 (30.3%) (29.9% - 31.1%)
HCG + per embryo transfer	5722/16311 (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 results as negative and positive, respectively.

Table 2.25 Own fresh cycles: Number of clinical pregnancies

Cycle	All Centres
Aspirations	19110
Transfers	16468
Clinical Pregnancy per aspiration cycle	4804/18871 (25.5%) (25.1% - 26.4%)
Clinical Pregnancy per embryo transfer	4804/16300 (29.5%) (29.2% - 30.2%)

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 clinical pregnancies including FHB

Cycle	All Centres
Aspirations	19110
Transfers	16468
FHB	79
Clinical Pregnancy + FHB per aspiration cycle	4356/18810 (23.2%) (22.8% - 24.4%)
Clinical Pregnancy + FHB per embryo transfer	4356/16239 (26.8%) (26.5% - 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 2.27 Own fresh cycles: Number of deliveries

Cycle	All Centres
Aspirations	19110
Transfers	16468
Number per delivery: 1/2/3	379
Clinical Pregnancy + FHB per aspiration cycle	3389/18412 (18.4%) (17.7% - 21.4%)
Clinical Pregnancy + FHB per embryo transfer	3389/15841 (21.4%) (20.6% - 24.4%)

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

Rank	1	2	3-6	>=7	Total
< 36 (yrs)					
All Centres (N=10326, Missing=991)					
Aspirations	4282	2597	3275	172	10326
Transfers	3903	2399	3041	153	9496
HCG + per aspiration cycle	1530/4262 (35.9%) (35.7% - 36.2%)	958/2570 (37.3%) (36.9% - 37.9%)	1182/3253 (36.3%) (36.1% - 36.8%)	37/171 (21.6%) (21.5% - 22.1%)	3707/10256 (36.1%) (35.9% - 36.6%)
HCG + per embryo transfer	1530/3883 (39.4%) (39.2% - 39.7%)	958/2372 (40.4%) (39.9% - 41.1%)	1182/3019 (39.2%) (38.9% - 39.6%)	37/152 (24.3%) (24.2% - 24.8%)	3707/9426 (39.3%) (39.0% - 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 2.28 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=3820, Missing=722)					
Aspirations	1292	869	1541	118	3820
Transfers	1144	785	1384	110	3423
HCG + per aspiration cycle	389/1283 (30.3%) (30.1% - 30.8%)	291/860 (33.8%) (33.5% - 34.5%)	412/1524 (27.0%) (26.7% - 27.8%)	22/116 (19.0%) (18.6% - 20.3%)	1114/3783 (29.4%) (29.2% - 30.1%)
HCG + per embryo transfer	389/1135 (34.3%) (34.0% - 34.8%)	291/776 (37.5%) (37.1% - 38.2%)	412/1367 (30.1%) (29.8% - 31.0%)	22/108 (20.4%) (20.0% - 21.8%)	1114/3386 (32.9%) (32.5% - 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 2.28 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=2425, Missing=442)					
Aspirations	781	569	1012	63	2425
Transfers	669	501	861	52	2083
HCG + per aspiration cycle	142/772 (18.4%) (18.2% - 19.3%)	103/561 (18.4%) (18.1% - 19.5%)	174/997 (17.5%) (17.2% - 18.7%)	11/62 (17.7%) (17.5% - 19.0%)	430/2392 (18.0%) (17.7% - 19.1%)
HCG + per embryo transfer	142/660 (21.5%) (21.2% - 22.6%)	103/494 (20.9%) (20.6% - 22.0%)	174/846 (20.6%) (20.2% - 22.0%)	11/51 (21.6%) (21.2% - 23.1%)	430/2051 (21.0%) (20.6% - 22.2%)

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

Rank	1	2	3-6	>=7	Total
>=43 (yrs)					
All Centres (N=251, Missing=133)					
Aspirations	85	56	75	35	251
Transfers	74	48	65	31	218
HCG + per aspiration cycle	7/82 (8.5%) (8.2% - 11.8%)	9/56 (16.1%) (16.1% - 16.1%)	12/70 (17.1%) (16.0% - 22.7%)	3/35 (8.6%) (8.6% - 8.6%)	31/243 (12.8%) (12.4% - 15.5%)
HCG + per embryo transfer	7/71 (9.9%) (9.5% - 13.5%)	9/48 (18.8%) (18.8% - 18.8%)	12/60 (20.0%) (18.5% - 26.2%)	3/31 (9.7%) (9.7% - 9.7%)	31/210 (14.8%) (14.2% - 17.9%)

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 HCG results as negative and positive, respectively.

Table 2.29 Own fresh cycles: Number of clinical pregnancies according to age and rank

Rank	1	2	3-6	>=7	Total
< 36 (yrs)					
All Centres (N=10326, Missing=991)					
Aspirations	4282	2597	3275	172	10326
Transfers	3903	2399	3041	153	9496
Clinical Pregnancy per aspiration cycle	1319/4257 (31.0%) (30.8% - 31.4%)	825/2568 (32.1%) (31.8% - 32.9%)	1006/3252 (30.9%) (30.7% - 31.4%)	28/171 (16.4%) (16.3% - 16.9%)	3178/10248 (31.0%) (30.8% - 31.5%)
Clinical Pregnancy per embryo transfer	1319/3878 (34.0%) (33.8% - 34.4%)	825/2370 (34.8%) (34.4% - 35.6%)	1006/3018 (33.3%) (33.1% - 33.8%)	28/152 (18.4%) (18.3% - 19.0%)	3178/9418 (33.7%) (33.5% - 34.3%)

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 results as negative and positive, respectively.

Table 2.29 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=3820, Missing=722)					
Aspirations	1292	869	1541	118	3820
Transfers	1144	785	1384	110	3423
Clinical Pregnancy per aspiration cycle	334/1282 (26.1%) (25.9% - 26.6%)	243/859 (28.3%) (28.0% - 29.1%)	350/1523 (23.0%) (22.7% - 23.9%)	20/116 (17.2%) (16.9% - 18.6%)	947/3780 (25.1%) (24.8% - 25.8%)
Clinical Pregnancy per embryo transfer	334/1134 (29.5%) (29.2% - 30.1%)	243/775 (31.4%) (31.0% - 32.2%)	350/1366 (25.6%) (25.3% - 26.6%)	20/108 (18.5%) (18.2% - 20.0%)	947/3383 (28.0%) (27.7% - 28.8%)

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 2.29 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=2425, Missing=442)					
Aspirations	781	569	1012	63	2425
Transfers	669	501	861	52	2083
Clinical Pregnancy per aspiration cycle	113/772 (14.6%) (14.5% - 15.6%)	88/561 (15.7%) (15.5% - 16.9%)	133/997 (13.3%) (13.1% - 14.6%)	8/62 (12.9%) (12.7% - 14.3%)	342/2392 (14.3%) (14.1% - 15.5%)
Clinical Pregnancy per embryo transfer	113/660 (17.1%) (16.9% - 18.2%)	88/494 (17.8%) (17.6% - 19.0%)	133/846 (15.7%) (15.4% - 17.2%)	8/51 (15.7%) (15.4% - 17.3%)	342/2051 (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 results as negative and positive, respectively.

Table 2.29 Own fresh cycles: Number of clinical pregnancies according to age and rank

Rank	1	2	3-6	>=7	Total
>=43 (yrs)					
All Centres (N=251, Missing=133)					
Aspirations	85	56	75	35	251
Transfers	74	48	65	31	218
Clinical Pregnancy per aspiration cycle	6/82 (7.3%) (7.1% - 10.6%)	5/56 (8.9%) (8.9% - 8.9%)	6/70 (8.6%) (8.0% - 14.7%)	3/35 (8.6%) (8.6% - 8.6%)	20/243 (8.2%) (8.0% - 11.2%)
Clinical Pregnancy per embryo transfer	6/71 (8.5%) (8.1% - 12.2%)	5/48 (10.4%) (10.4% - 10.4%)	6/60 (10.0%) (9.2% - 16.9%)	3/31 (9.7%) (9.7% - 9.7%)	20/210 (9.5%) (9.2% - 12.8%)

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 2.30 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=10326, Missing=991)					
Aspirations	4282	2597	3275	172	10326
Transfers	3903	2399	3041	153	9496
FHB: 1/2/3/4	1222/3/0	748/15/0	900/27/1	24/0/1	2894/45/2
Clinical Pregnancy + FHB per aspiration cycle	1225/4245 (28.9%) (28.6% - 29.5%)	763/2562 (29.8%) (29.4% - 30.7%)	928/3242 (28.6%) (28.3% - 29.3%)	25/168 (14.9%) (14.5% - 16.9%)	2941/10217 (28.8%) (28.5% - 29.5%)
Clinical Pregnancy + FHB per embryo transfer	1225/3866 (31.7%) (31.4% - 32.3%)	763/2364 (32.3%) (31.8% - 33.3%)	928/3008 (30.9%) (30.5% - 31.6%)	25/149 (16.8%) (16.3% - 19.0%)	2941/9387 (31.3%) (31.0% - 32.1%)

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 2.30 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=3820, Missing=722)					
Aspirations	1292	869	1541	118	3820
Transfers	1144	785	1384	110	3423
FHB: 1/2/3/4	297/9/1	215/6/1	291/10/0	19/0/0	822/25/2
Clinical Pregnancy + FHB per aspiration cycle	307/1276 (24.1%) (23.8% - 25.0%)	222/856 (25.9%) (25.5% - 27.0%)	301/1519 (19.8%) (19.5% - 21.0%)	19/116 (16.4%) (16.1% - 17.8%)	849/3767 (22.5%) (22.2% - 23.6%)
Clinical Pregnancy + FHB per embryo transfer	307/1128 (27.2%) (26.8% - 28.2%)	222/772 (28.8%) (28.3% - 29.9%)	301/1362 (22.1%) (21.7% - 23.3%)	19/108 (17.6%) (17.3% - 19.1%)	849/3370 (25.2%) (24.8% - 26.4%)

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 2.30 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=2425, Missing=442)					
Aspirations	781	569	1012	63	2425
Transfers	669	501	861	52	2083
FHB: 1/2/3/4	92/0/0	77/0/1	102/2/0	7/0/0	278/2/1
Clinical Pregnancy + FHB per aspiration cycle	92/767 (12.0%) (11.8% - 13.6%)	78/559 (14.0%) (13.7% - 15.5%)	104/992 (10.5%) (10.3% - 12.3%)	7/62 (11.3%) (11.1% - 12.7%)	281/2380 (11.8%) (11.6% - 13.4%)
Clinical Pregnancy + FHB per embryo transfer	92/655 (14.0%) (13.8% - 15.8%)	78/492 (15.9%) (15.6% - 17.4%)	104/841 (12.4%) (12.1% - 14.4%)	7/51 (13.7%) (13.5% - 15.4%)	281/2039 (13.8%) (13.5% - 15.6%)

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 2.30 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=251, Missing=133)					
Aspirations	85	56	75	35	251
Transfers	74	48	65	31	218
FHB: 1/2/3/4	4/0/0	4/0/0	6/0/0	2/0/0	16/0/0
Clinical Pregnancy + FHB per aspiration cycle	4/82 (4.9%) (4.7% - 8.2%)	4/56 (7.1%) (7.1% - 7.1%)	6/70 (8.6%) (8.0% - 14.7%)	2/34 (5.9%) (5.7% - 8.6%)	16/242 (6.6%) (6.4% - 10.0%)
Clinical Pregnancy + FHB per embryo transfer	4/71 (5.6%) (5.4% - 9.5%)	4/48 (8.3%) (8.3% - 8.3%)	6/60 (10.0%) (9.2% - 16.9%)	2/30 (6.7%) (6.5% - 9.7%)	16/209 (7.7%) (7.3% - 11.5%)

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

Rank	1	2	3-6	>=7	Total
< 36 (yrs)					
All Centres (N=10326, Missing=991)					
Aspirations	4282	2597	3275	172	10326
Transfers	3903	2399	3041	153	9496
Number per delivery: 1/2/3	968/24/0	536/71/2	602/144/2	18/4/0	2124/243/4
Delivery rate per aspiration cycle	992/4137 (24.0%) (23.2% - 26.6%)	609/2490 (24.5%) (23.5% - 27.6%)	748/3160 (23.7%) (22.8% - 26.4%)	22/169 (13.0%) (12.8% - 14.5%)	2371/9956 (23.8%) (23.0% - 26.5%)
Delivery rate per embryo transfer	992/3758 (26.4%) (25.4% - 29.1%)	609/2292 (26.6%) (25.4% - 29.8%)	748/2926 (25.6%) (24.6% - 28.4%)	22/150 (14.7%) (14.4% - 16.3%)	2371/9126 (26.0%) (25.0% - 28.9%)

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.

Table 2.31 Own fresh cycles: Number of deliveries according to age and rank

Rank	1	2	3-6	>=7	Total
[36-40[(yrs)					
All Centres (N=3820, Missing=722)					
Aspirations	1292	869	1541	118	3820
Transfers	1144	785	1384	110	3423
Number per delivery: 1/2/3	184/37/1	140/24/0	183/33/1	14/0/0	521/94/2
Delivery rate per aspiration cycle	222/1247 (17.8%) (17.2% - 20.7%)	164/839 (19.5%) (18.9% - 22.3%)	217/1489 (14.6%) (14.1% - 17.5%)	14/116 (12.1%) (11.9% - 13.6%)	617/3691 (16.7%) (16.2% - 19.5%)
Delivery rate per embryo transfer	222/1099 (20.2%) (19.4% - 23.3%)	164/755 (21.7%) (20.9% - 24.7%)	217/1332 (16.3%) (15.7% - 19.4%)	14/108 (13.0%) (12.7% - 14.5%)	617/3294 (18.7%) (18.0% - 21.8%)

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 delivery as negative and positive, respectively.

Table 2.31 Own fresh cycles: Number of deliveries according to age and rank

Rank	1	2	3-6	>=7	Total
[40-43[(yrs)					
All Centres (N=2425, Missing=442)					
Aspirations	781	569	1012	63	2425
Transfers	669	501	861	52	2083
Number per delivery: 1/2/3	60/6/0	43/6/0	68/3/0	4/0/0	175/15/0
Delivery rate per aspiration cycle	66/765 (8.6%) (8.5% - 10.5%)	49/554 (8.8%) (8.6% - 11.2%)	71/991 (7.2%) (7.0% - 9.1%)	4/62 (6.5%) (6.3% - 7.9%)	190/2372 (8.0%) (7.8% - 10.0%)
Delivery rate per embryo transfer	66/653 (10.1%) (9.9% - 12.3%)	49/487 (10.1%) (9.8% - 12.6%)	71/840 (8.5%) (8.2% - 10.7%)	4/51 (7.8%) (7.7% - 9.6%)	190/2031 (9.4%) (9.1% - 11.6%)

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 delivery as negative and positive, respectively.

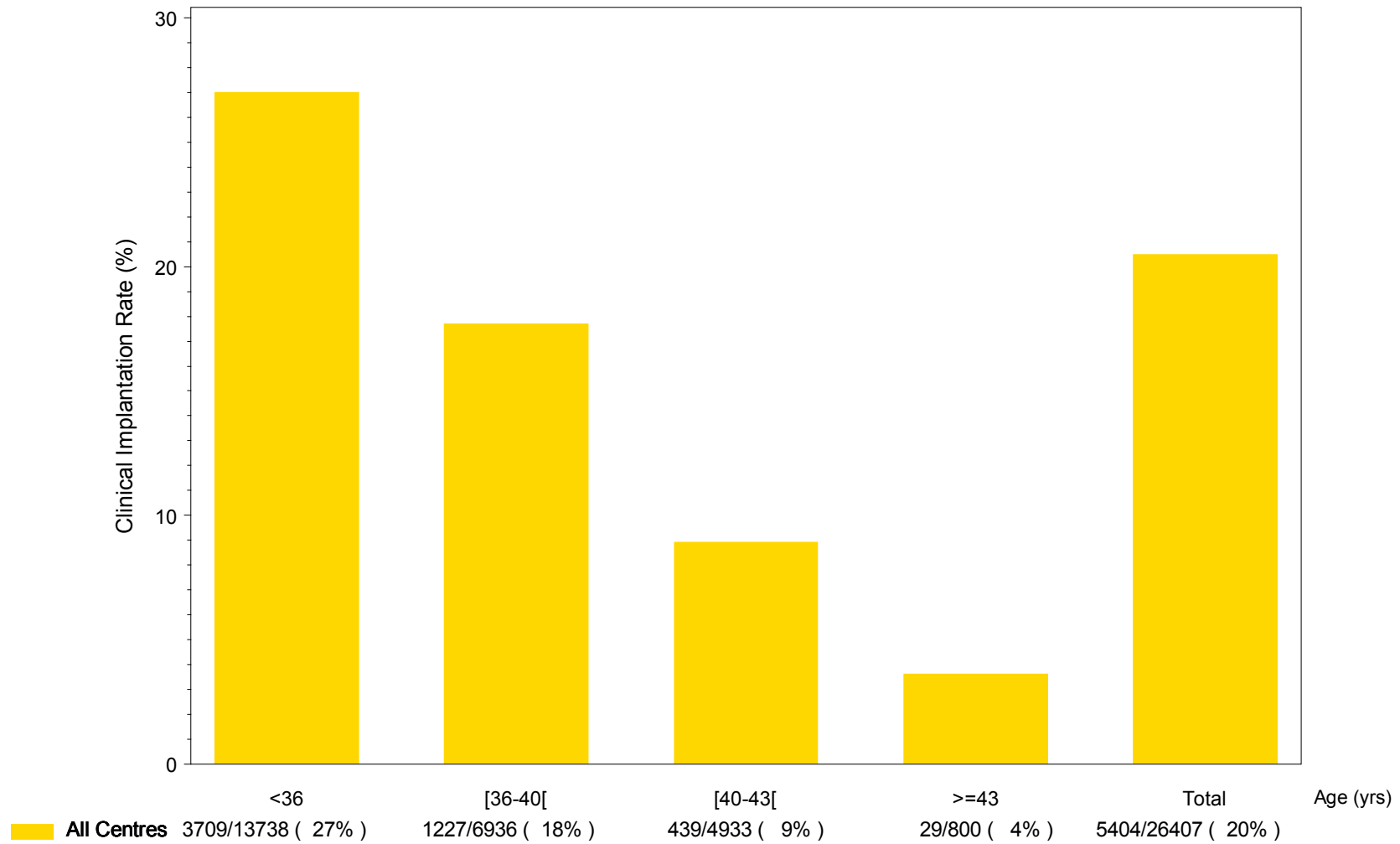
Table 2.31 Own fresh cycles: Number of deliveries according to age and rank

Rank	1	2	3-6	>=7	Total
>=43 (yrs)					
All Centres (N=251, Missing=133)					
Aspirations	85	56	75	35	251
Transfers	74	48	65	31	218
Number per delivery: 1/2/3	1/0/0	1/1/0	5/0/0	2/0/0	9/1/0
Delivery rate per aspiration cycle	1/81 (1.2%) (1.2% - 5.9%)	2/56 (3.6%) (3.6% - 3.6%)	5/70 (7.1%) (6.7% - 13.3%)	2/35 (5.7%) (5.7% - 5.7%)	10/242 (4.1%) (4.0% - 7.6%)
Delivery rate per embryo transfer	1/70 (1.4%) (1.4% - 6.8%)	2/48 (4.2%) (4.2% - 4.2%)	5/60 (8.3%) (7.7% - 15.4%)	2/31 (6.5%) (6.5% - 6.5%)	10/209 (4.8%) (4.6% - 8.7%)

NA=no cycles with data available.

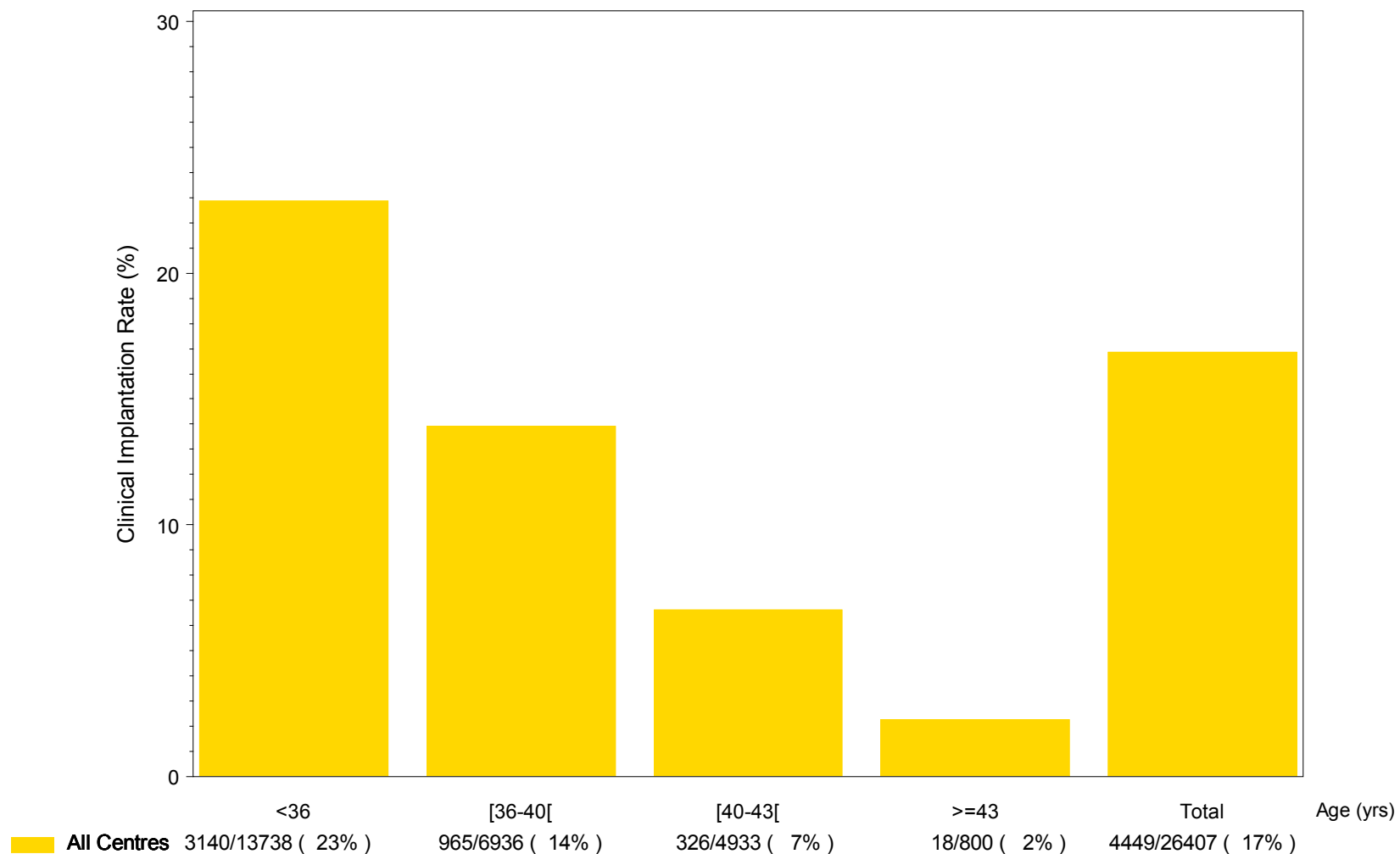
In the calculation of the ratios, only cycles with available data are considered. In the line underneath, the range expresses the minimum and maximum possible rates when accounting for missing data by considering missing delivery as negative and positive, respectively.

Figure 2.32 Own fresh cycles: Implantation rate (No. of uterine sacs) per transferred embryo according to age



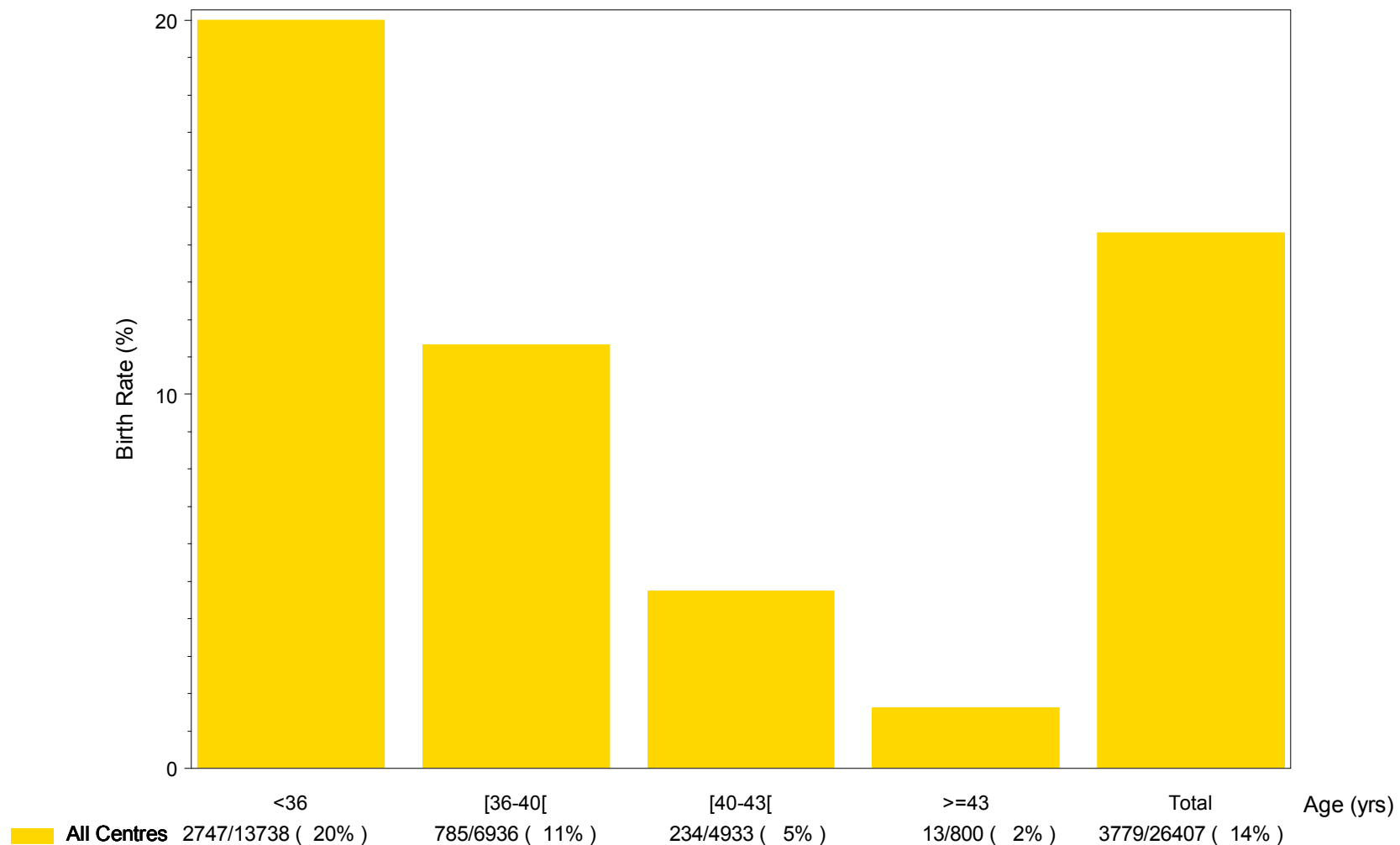
n/N (%) where n = Total number of uterine sacs; N = Total number of embryos transferred; %= n*100/N; NA = No cycles with data available.

Figure 2.33 Own fresh cycles: Clinical implantation rate (No. of FHB) per transferred embryo according to age



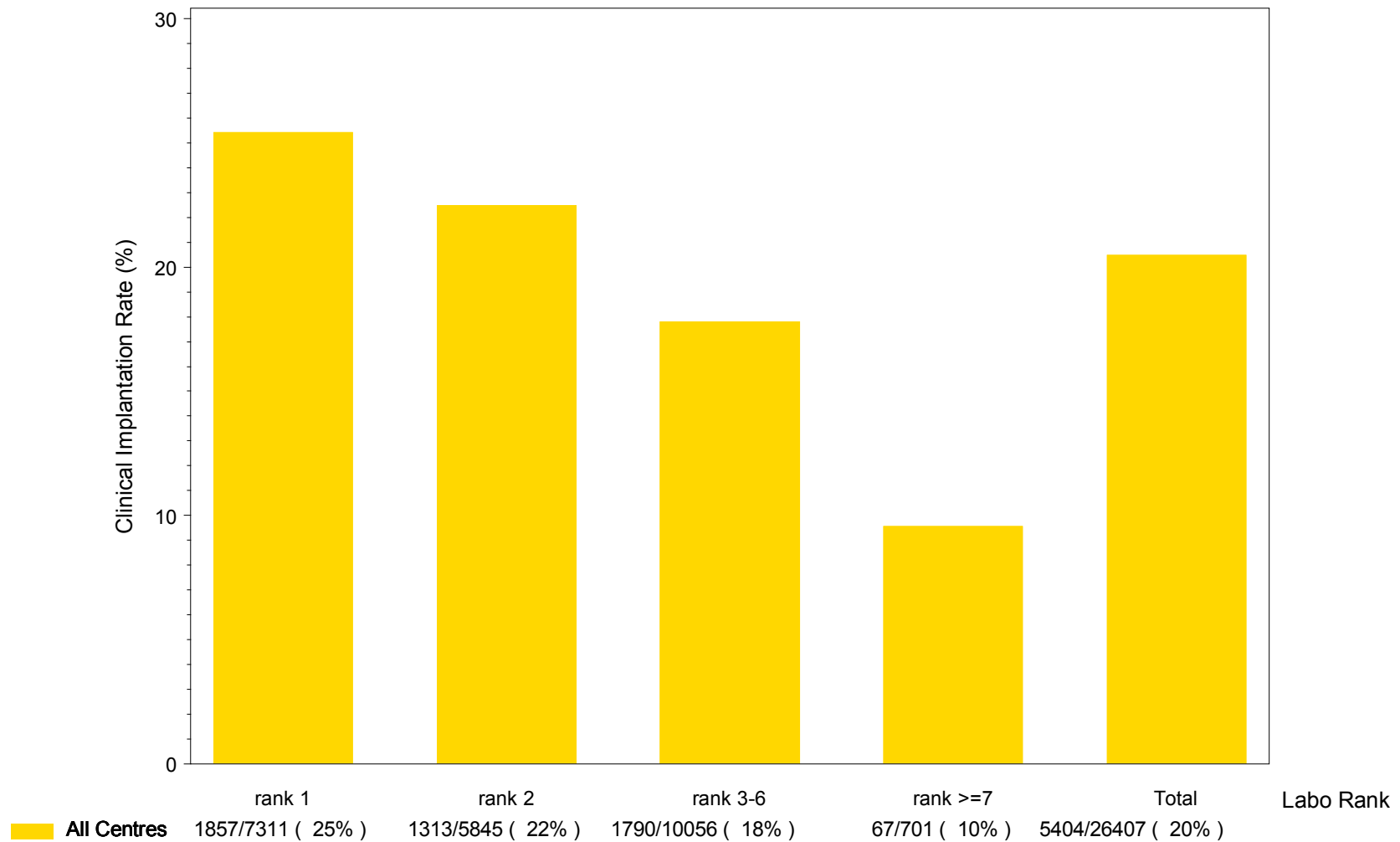
n/N (%) where n = Total number of FHB; N = Total number of embryos transferred; %= n*100/N; NA = No cycles with data available.

Figure 2.34 Own fresh cycles: Birth rate per transferred embryo according to age



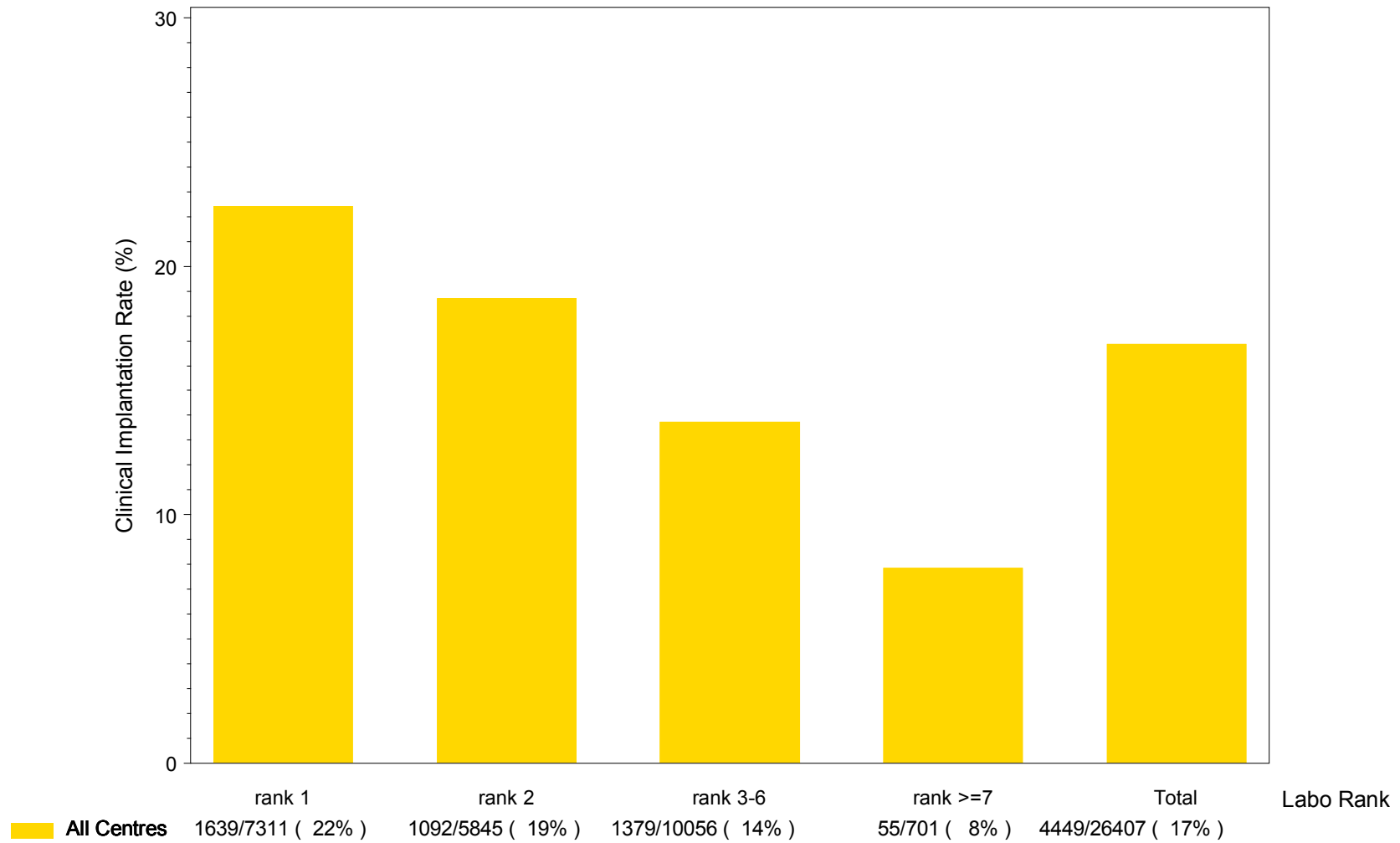
n/N (%) where n = Total number of babies; N = Total number of embryos transferred; %= n*100/N; NA = No cycles with data available.

Figure 2.35 Own fresh cycles: Implantation rate (No. of uterine sacs) per transferred embryo according to rank



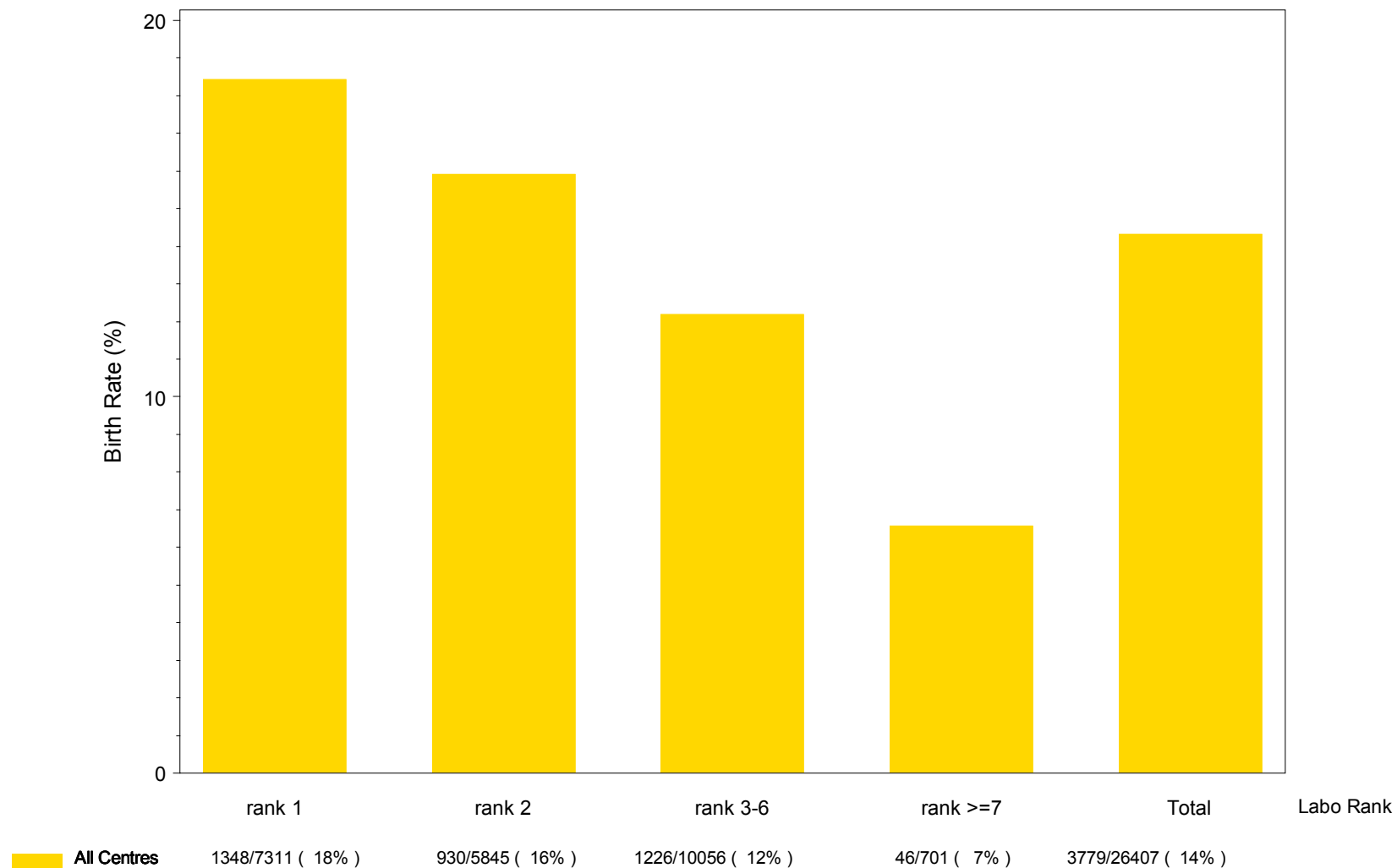
n/N (%) where n = Total number of uterine sacs; N = Total number of embryos transferred; %= n*100/N; NA = No cycles with data available.

Figure 2.36 Own fresh cycles: Clinical implantation rate (No. of FHB) per transferred embryo according to rank



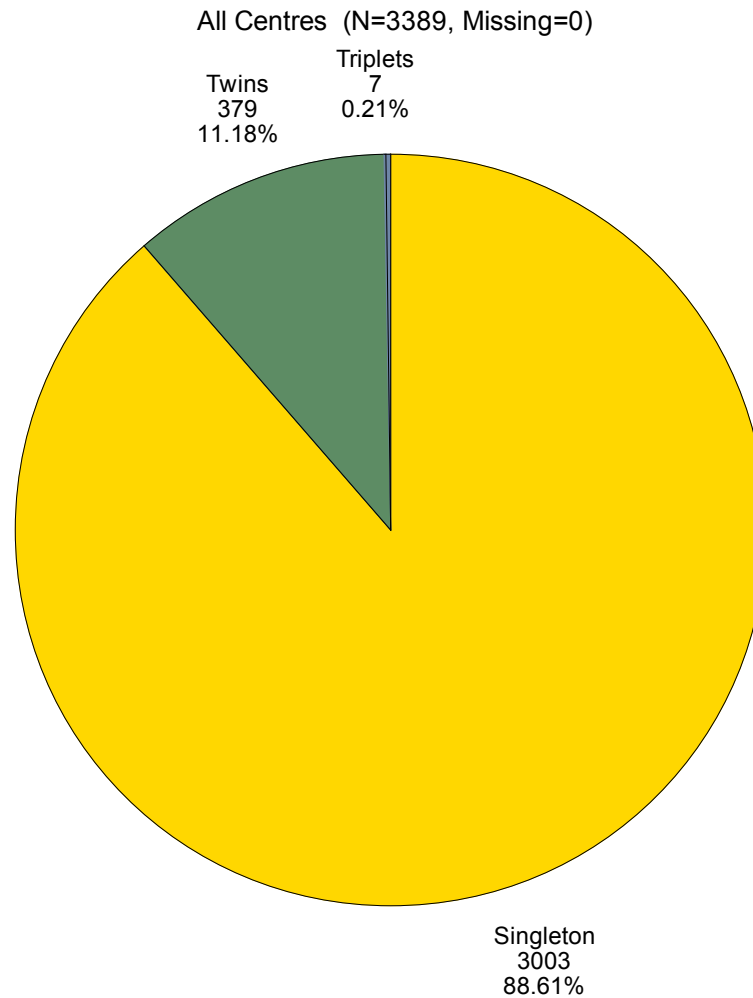
n/N (%) where n = Total number of FHB; N = Total number of embryos transferred; %= n*100/N; NA = No cycles with data available.

Figure 2.37 Own fresh cycles: Birth rate per transferred embryo according to rank



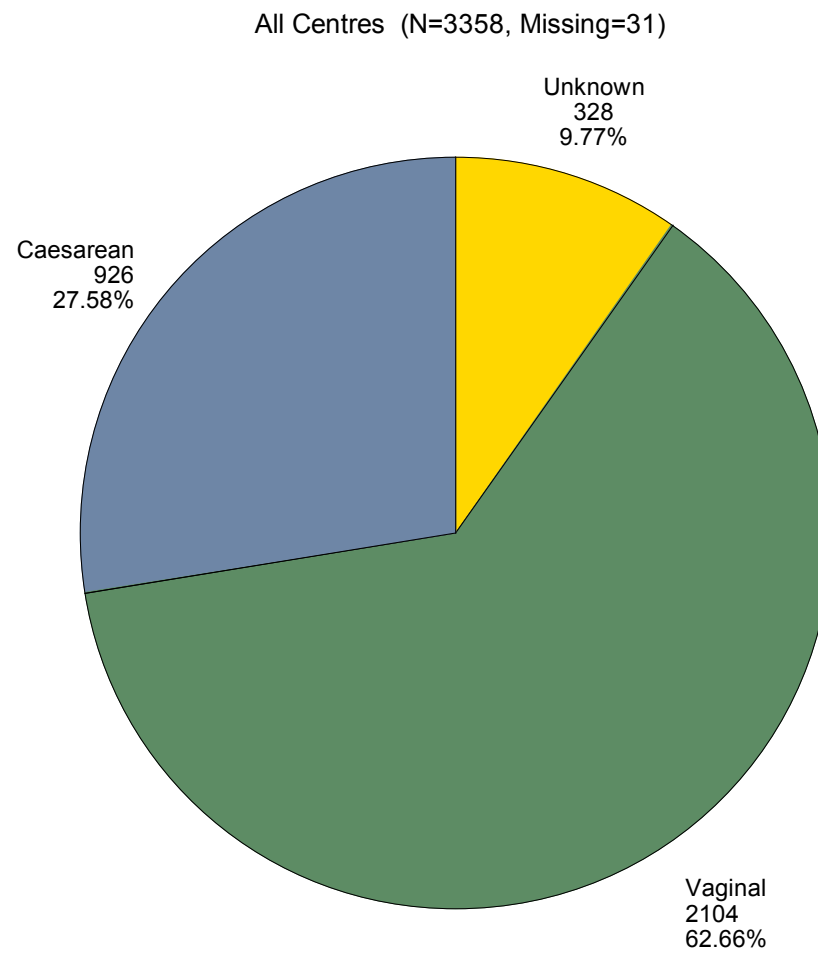
n/N (%) where n = Total number of babies; N = Total number of embryos transferred; %= n*100/N; NA = No cycles with data available.

Figure 2.38 Own fresh cycles: Number of deliveries



Deliveries of twins or triplets are only counted once.

Figure 2.39 Own fresh cycles: Type of deliveries



Deliveries of twins or triplets are only counted once.

Table 2.40 Own fresh cycles: Sex of babies

All Centres (N=3760, Missing=22)	
Sex of baby	
Male	1700/3760 (45.21%)
Female	1848/3760 (49.15%)
Unknown	212/3760 (5.64%)

Table 2.41 Own fresh cycles: Birth weight

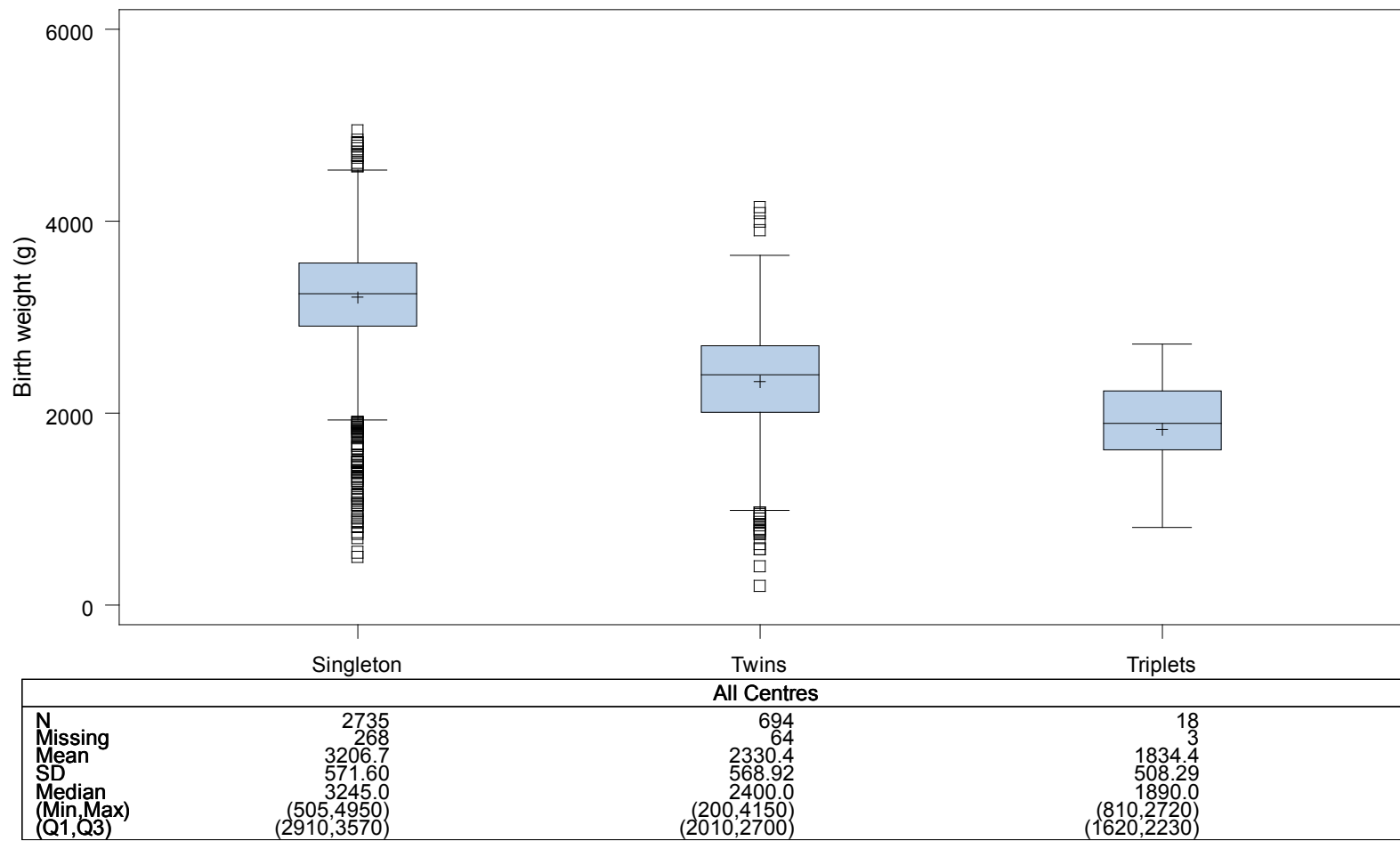
		All Centres	
		Statistic (N=3447, Missing=335)	
Birth weight (g)			
Singletons	N	2735	
	Mean	3206.7	
	Std	571.60	
	Median	3245.0	
	IQR	(2910.0; 3570.0)	
Twins	N	694	
	Mean	2330.4	
	Std	568.92	
	Median	2400.0	
	IQR	(2010.0; 2700.0)	
Triplets	N	18	
	Mean	1834.4	
	Std	508.29	
	Median	1890.0	
	IQR	(1620.0; 2230.0)	

Table 2.42 Own fresh cycles: Gestational age at delivery

	Statistic	All Centres (N=3356, Missing=33)
Gestational age at delivery (weeks)		
Singletons	N	2977
	Mean	39.0
	Std	2.22
	Median	39.4
	IQR	(38.4; 40.3)
Twins	N	372
	Mean	35.9
	Std	2.91
	Median	36.7
	IQR	(34.9; 37.6)
Triplets	N	7
	Mean	32.3
	Std	4.91
	Median	34.1
	IQR	(29.1; 35.7)

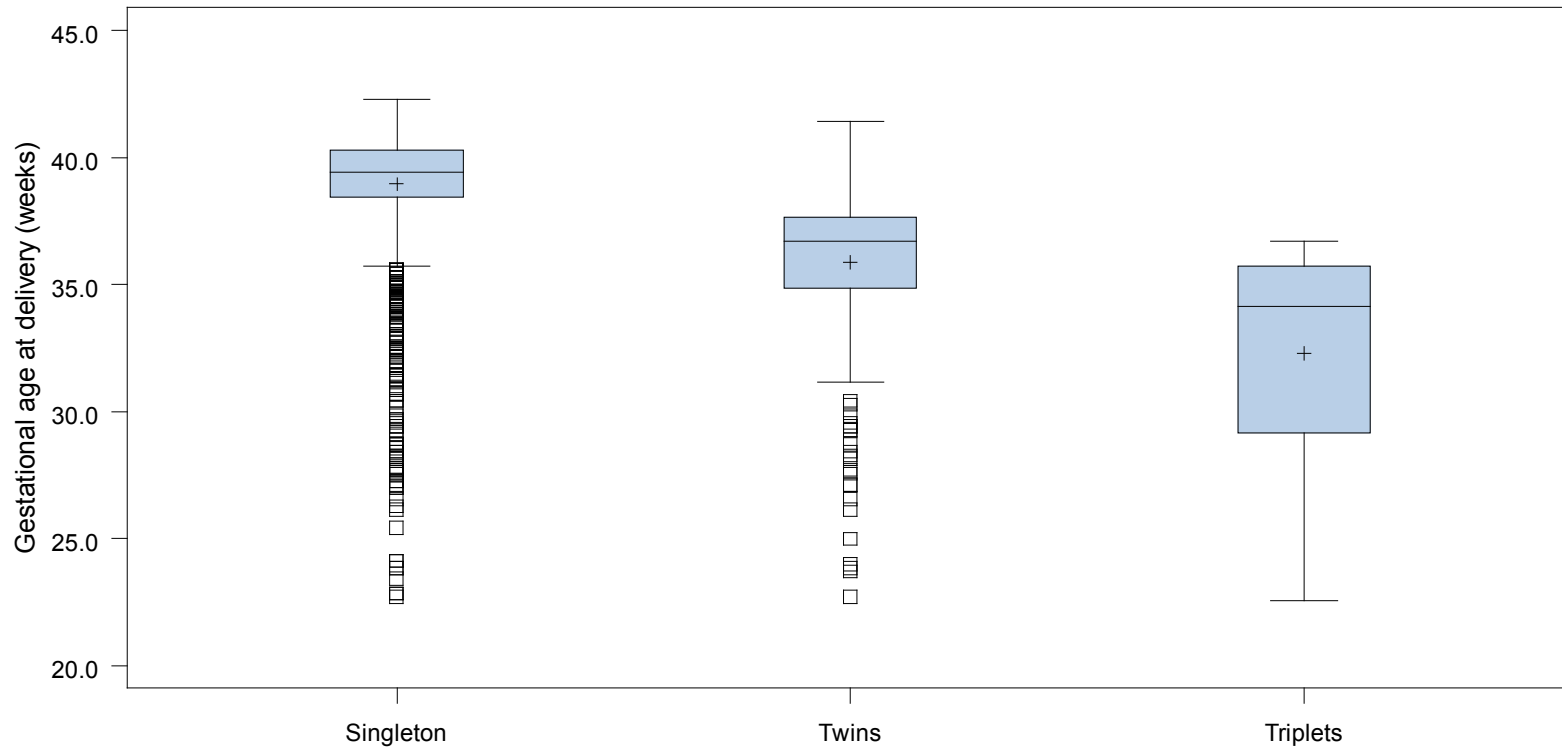
Twin or triplet birth is counted as one birth event.

Figure 2.43 Own fresh cycles: Birth weight (boxplot)



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 2.44 Own fresh cycles: Gestational age at delivery (boxplot)



	All Centres		
N	2977	372	7
Missing	26	7	0
Mean	39.0	35.9	32.3
SD	2.22	2.91	4.91
Median	39.4	36.7	34.1
(Min,Max)	(23,42)	(23,41)	(23,37)
(Q1,Q3)	(38,40)	(35,38)	(29,36)

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 2.45 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=3356, Missing=33)				
< 32	60 (2.0%)	29 (7.8%)	2 (28.6%)	91 (2.7%)
[32-37[	240 (8.1%)	171 (46.0%)	5 (71.4%)	416 (12.4%)
>=37	2677 (89.9%)	172 (46.2%)	NA	2849 (84.9%)
Total	2977 (100.0%)	372 (100.0%)	7 (100.0%)	3356 (100.0%)

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

Table 2.46 Own fresh cycles: Prevalence of low birth weight according to type of delivery

Birth weight (g)	Type of delivery				Total
	Singletons	Twins	Triplets		
All Centres (N=3447, Missing=335)					
< 1500	44 (1.6%)	63 (9.1%)	4 (22.2%)	111 (3.2%)	
[1500-2500[	201 (7.3%)	342 (49.3%)	12 (66.7%)	555 (16.1%)	
>= 2500	2490 (91.0%)	289 (41.6%)	2 (11.1%)	2781 (80.7%)	
Total	2735 (100.0%)	694 (100.0%)	18 (100.0%)	3447 (100.0%)	

NA: no data available

Figure 2.47 Own fresh cycles: Evolution of number of embryos transferred

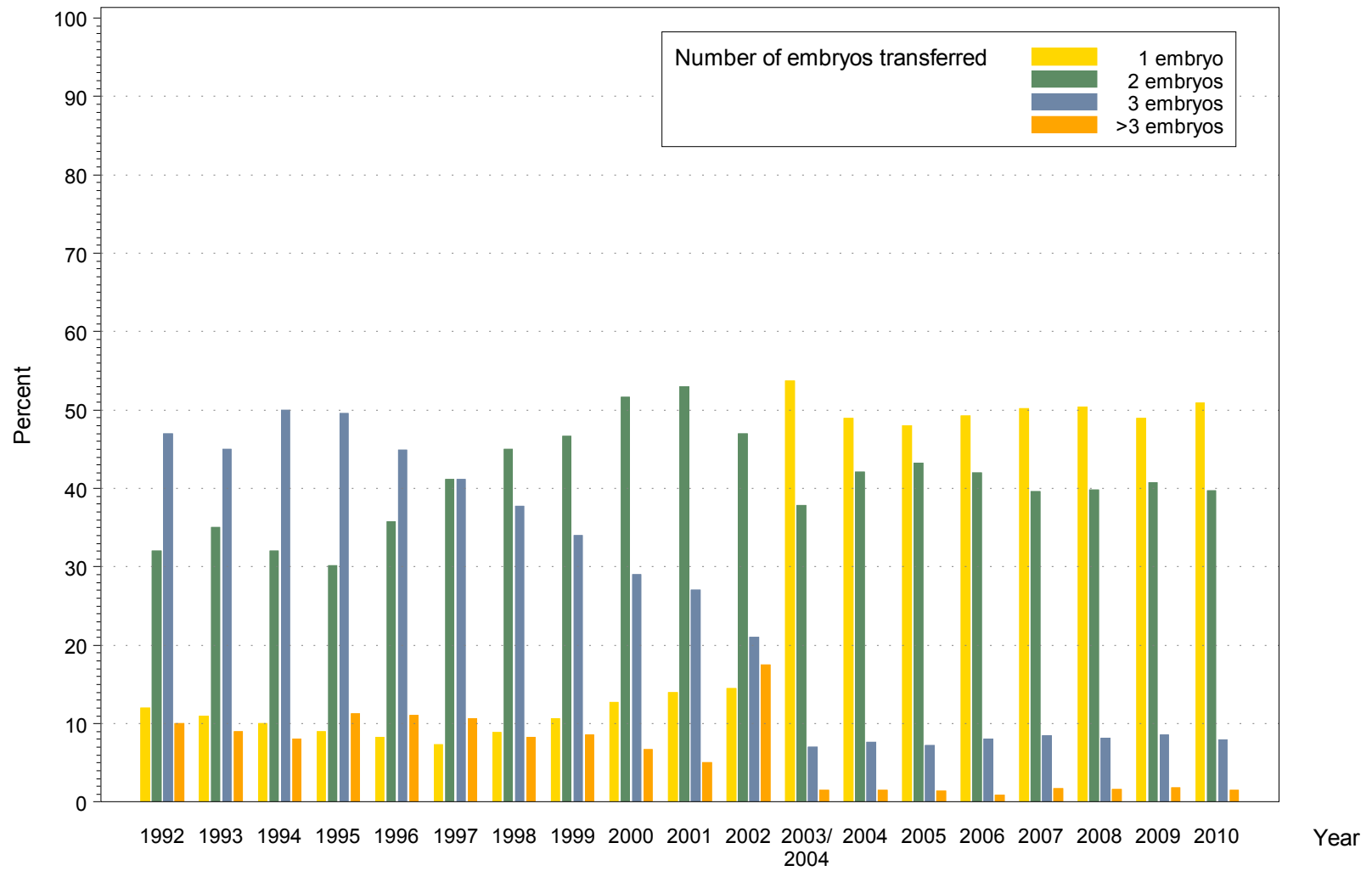


Figure 2.48 Own fresh cycles: Evolution of number of single and multiple deliveries

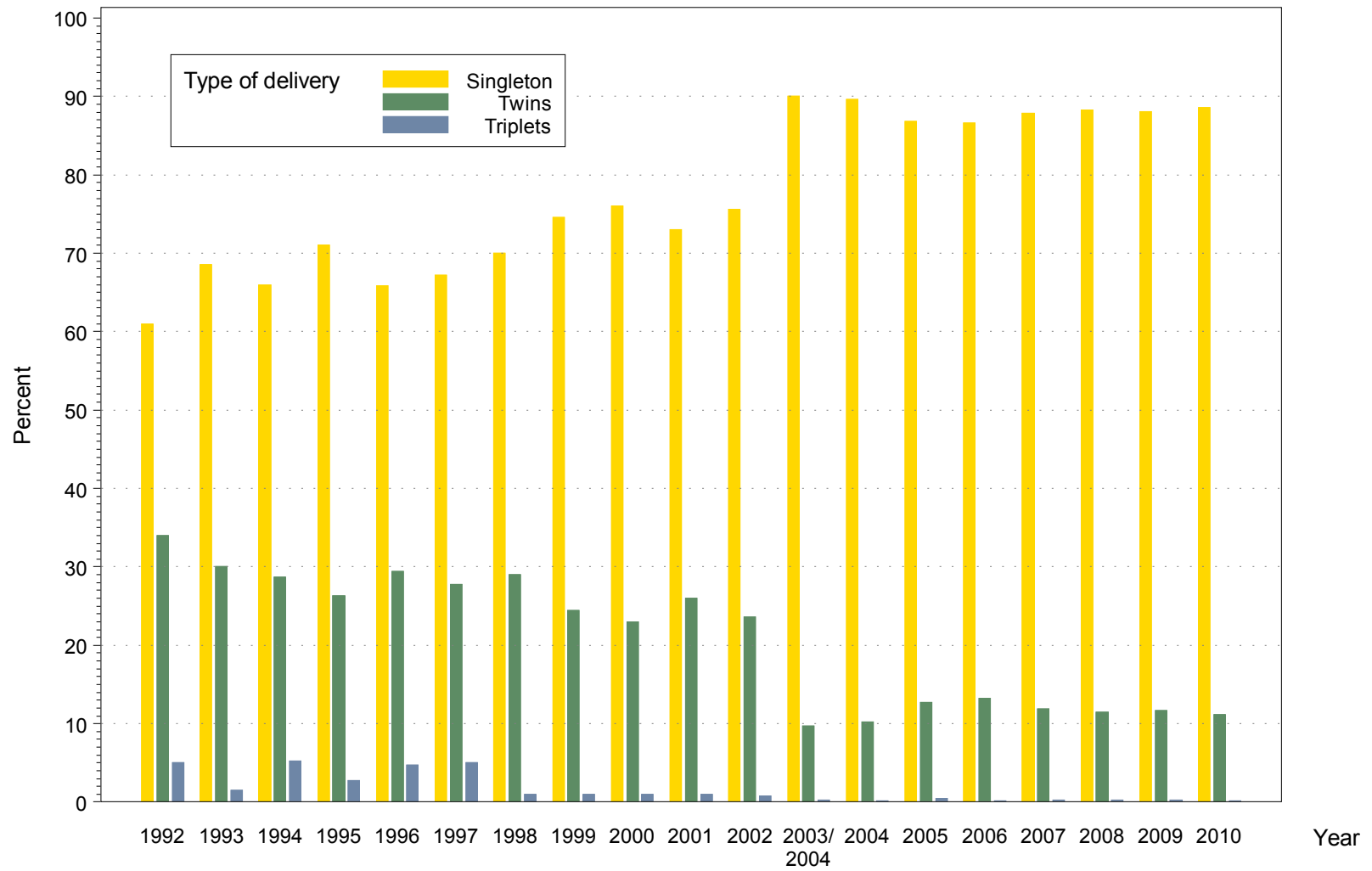


Table 2.49 Own fresh cycles: Complications

	Statistic	All Centres (N=20537, Missing=664)
Complications		
No	n/N (%)	19596/20537 (95.42%)
Yes	n/N (%)	171/20537 (0.83%)
Unknown	n/N (%)	770/20537 (3.75%)
Complication: Thrombosis		
Yes	n/N (%)	4/171 (2.34%)
No	n/N (%)	139/171 (81.29%)
Unknown	n/N (%)	28/171 (16.37%)
Complication: OHSS Severe (Grade III-IV)		
Yes	n/N (%)	73/171 (42.69%)
No	n/N (%)	76/171 (44.44%)
Unknown	n/N (%)	22/171 (12.87%)
Complication: Infection (PID)		
Yes	n/N (%)	18/171 (10.53%)
No	n/N (%)	124/171 (72.51%)
Unknown	n/N (%)	29/171 (16.96%)
Complication: Bleeding		
Yes	n/N (%)	16/171 (9.36%)
No	n/N (%)	131/171 (76.61%)
Unknown	n/N (%)	24/171 (14.04%)

Note: A patient can have more than one complication.

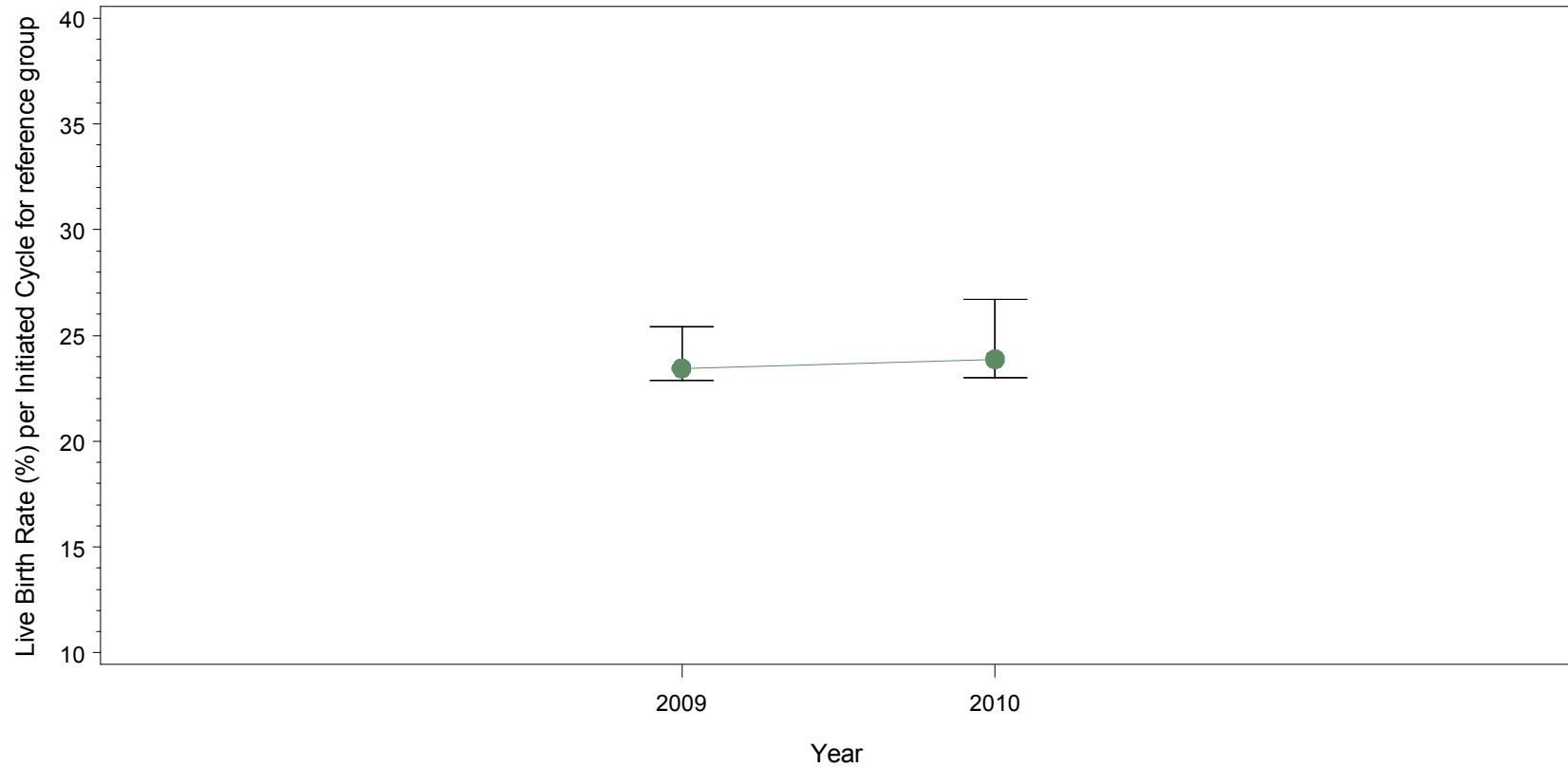
Table 2.49 Own fresh cycles: Complications

	Statistic	All Centres (N=20537, Missing=664)
Complication: Death (mother)*		
Yes	n/N (%)	1/171 (0.58%)
No	n/N (%)	135/171 (78.95%)
Unknown	n/N (%)	35/171 (20.47%)
Complication: Other		
Yes	n/N (%)	45/171 (26.32%)
No	n/N (%)	118/171 (69.01%)
Unknown	n/N (%)	8/171 (4.68%)

Note: A patient can have more than one complication.

* The patient developed an ovarian abscess one month after the oocyte pick-up (which was uneventful). The abscess was firstly treated with antibiotics and operated for abscess drainage later on. She had complications of the surgical intervention with peritonitis, intestinal obstruction and had to be operated again with a resection of a portion of the small bowel. She underwent another operation with a protective colostomy. She developed a toxic shock syndrome with ards, renal insufficiency and encephalopathy and died from sepsis complications at the ICU 4 months after the oocyte pick up. A risk factor was a history of severe endometriosis.

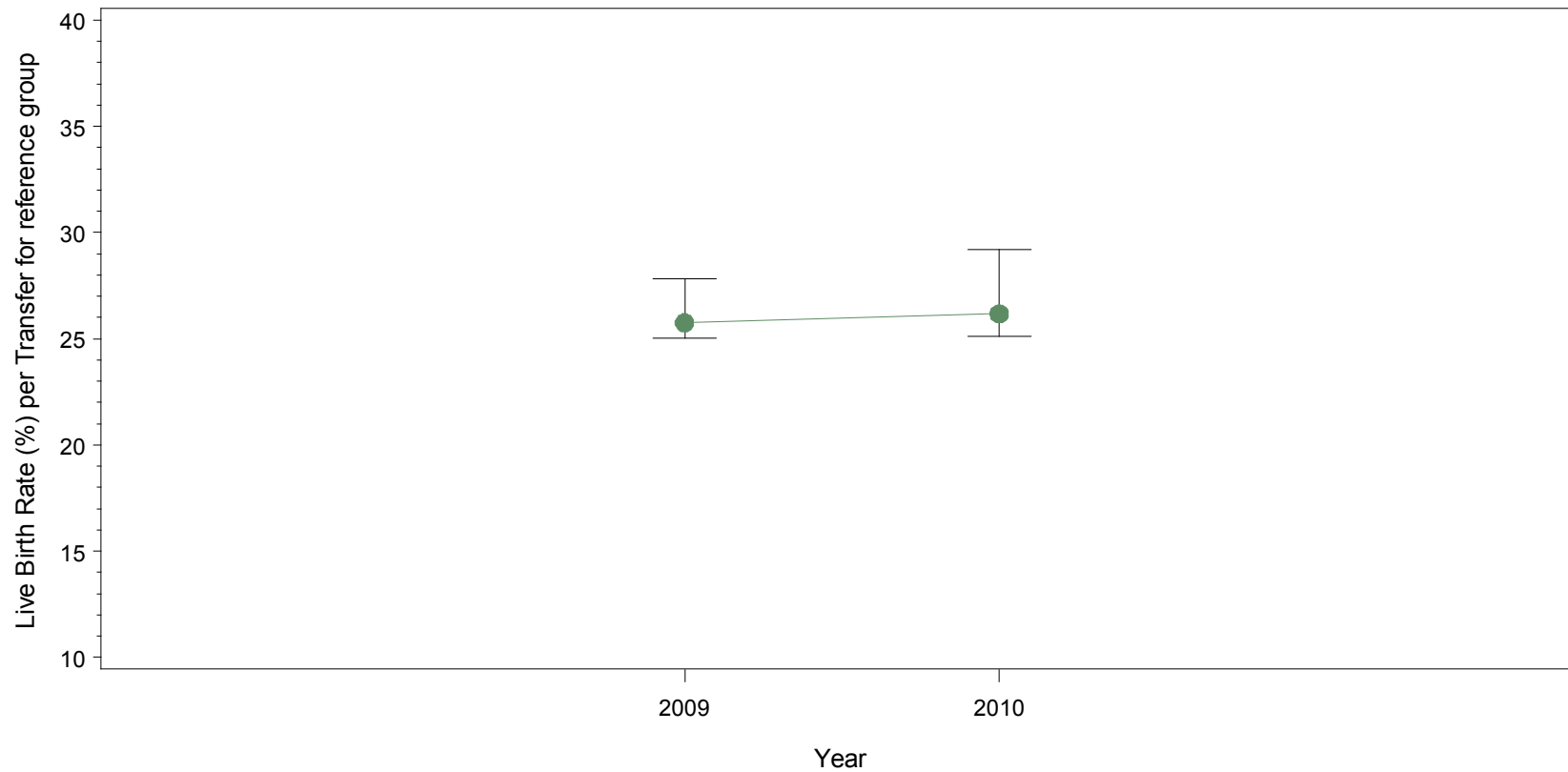
Figure 2.50 Own fresh cycles: Live Birth Rate per Initiated Cycle for reference group



Rate of Birth	2009	2010
Best Birth Rate	25.40%	26.73%
Overall Birth Rate	23.46%	23.89%
Worst Birth Rate	22.86%	23.00%

Results only include own fresh cycles from women less than 36 years old with rank 1 or 2 excluding PGD cycles. In the calculation of the rates, only cycles with available data are considered. The whiskers express the minimum and maximum possible rates when accounting for missing data by considering missing delivery as negative and positive, respectively.

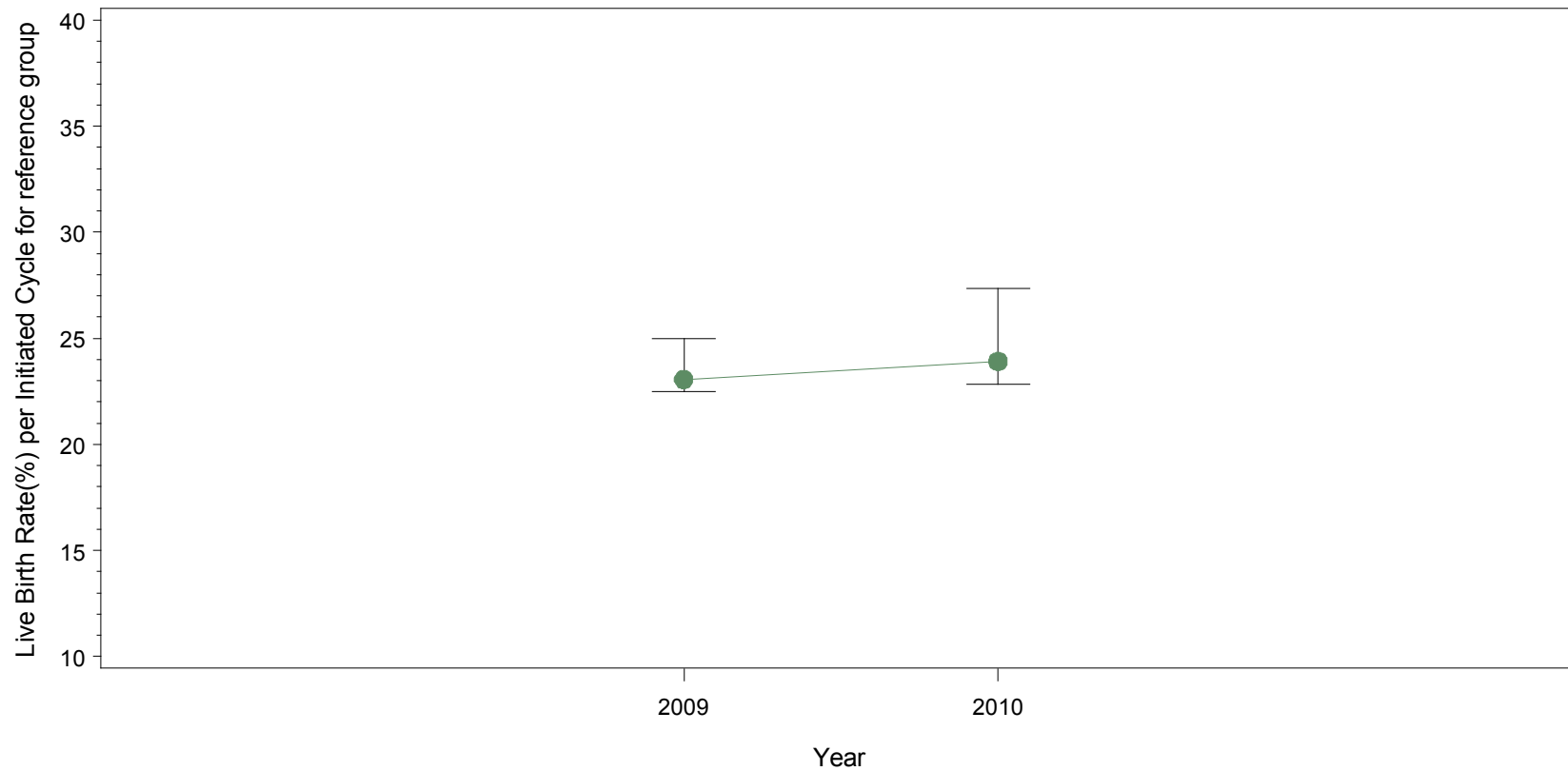
Figure 2.51 Own fresh cycles: Live Birth Rate per Embryo Transfer for reference group



Rate of Birth	2009	2010
Best Birth Rate	27.83%	29.19%
Overall Birth Rate	25.76%	26.18%
Worst Birth Rate	25.05%	25.12%

Results only include own fresh cycles from women less than 36 years old with rank 1 or 2 excluding PGD cycles. In the calculation of the rate, only cycles with available data are considered. The whiskers express the minimum and maximum possible rates when accounting for missing data by considering missing delivery as negative and positive, respectively.

Figure 2.52 Own fresh cycles: Number of Babies Delivered per Embryo Transferred for reference group



Rate of Birth	2009	2010
Best Birth Rate	24.98%	27.34%
Overall Birth Rate	23.07%	23.92%
Worst Birth Rate	22.50%	22.85%

Results only include own fresh cycles from women less than 36 years old with rank 1 or 2 excluding PGD cycles. In the calculation of the rates, only cycles with available data are considered. The whiskers express the minimum and maximum possible rates when accounting for missing data by considering missing delivery as negative and positive, respectively.

Section 3: Own cryo cycles

Table 3.1 Own cryo cycles: Overview of cryo cycles

Cryocycle	All Centres
Initiated	9342 (100.0%)
Cancelled	519 (5.6%)
Thawed	8823 (94.4%)
Embryo Transfer	7142 (76.5%)

Table 3.2 Own cryo cycles: Number of embryos transferred

	All Centres
Number of cycles with transfer	7142
Number of embryos transferred	
1	3726/7127 (52.28%)
2	3382/7127 (47.45%)
3	14/7127 (0.20%)
>3	5/7127 (0.07%)
Total number of embryos transferred	10555

Based on all cycles with at least one embryo transferred.

Table 3.3 Own cryo cycles: Pituitary inhibition

	Statistic	All Centres (N=9268, Missing=74)
Pituitary inhibition		
Yes	n/N (%)	378/9268 (4.08%)
No	n/N (%)	8890/9268 (95.92%)

Table 3.4 Own cryo cycles: Stimulation protocol

	Statistic	All Centres (N=9278, Missing=64)
Stimulation protocol		
Clomiphene	n/N (%)	844/9278 (9.10%)
Gonadotrophins	n/N (%)	259/9278 (2.79%)
Clomiphene + Gonadotrophins	n/N (%)	6/9278 (0.06%)
Aromatase Inhibitor + Gonadotrophins	n/N (%)	1/9278 (0.01%)
Substitution	n/N (%)	2699/9278 (29.09%)
None	n/N (%)	4839/9278 (52.16%)
Other	n/N (%)	630/9278 (6.79%)

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=9342, Missing=0)					
Initiated cycles	6747	1801	667	127	9342
Thawed cycles	6401	1688	621	113	8823
Transfers	5205	1358	492	87	7142
HCG + per initiated cycle	1556/6702 (23.2%) (23.1% - 23.7%)	327/1782 (18.4%) (18.2% - 19.2%)	99/659 (15.0%) (14.8% - 16.0%)	13/124 (10.5%) (10.2% - 12.6%)	1995/9267 (21.5%) (21.4% - 22.2%)
HCG + per thawing cycle	1556/6356 (24.5%) (24.3% - 25.0%)	327/1669 (19.6%) (19.4% - 20.5%)	99/613 (16.2%) (15.9% - 17.2%)	13/110 (11.8%) (11.5% - 14.2%)	1995/8748 (22.8%) (22.6% - 23.5%)
HCG + per embryo transfer	1556/5160 (30.2%) (29.9% - 30.8%)	327/1339 (24.4%) (24.1% - 25.5%)	99/484 (20.5%) (20.1% - 21.7%)	13/84 (15.5%) (14.9% - 18.4%)	1995/7067 (28.2%) (27.9% - 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 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=9342, Missing=0)					
Initiated cycles	6747	1801	667	127	9342
Thawed cycles	6401	1688	621	113	8823
Transfers	5205	1358	492	87	7142
Clinical Pregnancy per initiated cycle	1265/6695 (18.9%) (18.7% - 19.5%)	262/1782 (14.7%) (14.5% - 15.6%)	82/659 (12.4%) (12.3% - 13.5%)	8/124 (6.5%) (6.3% - 8.7%)	1617/9260 (17.5%) (17.3% - 18.2%)
Clinical Pregnancy per thawing cycle	1265/6349 (19.9%) (19.8% - 20.6%)	262/1669 (15.7%) (15.5% - 16.6%)	82/613 (13.4%) (13.2% - 14.5%)	8/110 (7.3%) (7.1% - 9.7%)	1617/8741 (18.5%) (18.3% - 19.3%)
Clinical Pregnancy per embryo transfer	1265/5153 (24.5%) (24.3% - 25.3%)	262/1339 (19.6%) (19.3% - 20.7%)	82/484 (16.9%) (16.7% - 18.3%)	8/84 (9.5%) (9.2% - 12.6%)	1617/7060 (22.9%) (22.6% - 23.8%)

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 3.7 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=9342, Missing=0)					
Initiated cycles	6747	1801	667	127	9342
Thawed cycles	6401	1688	621	113	8823
Transfers	5205	1358	492	87	7142
FHB: 1/2/3/4	1106/19/3	228/2/0	74/2/0	6/0/0	1414/23/3
Clinical Pregnancy + FHB per initiated cycle	1128/6680 (16.9%) (16.7% - 17.7%)	230/1779 (12.9%) (12.8% - 14.0%)	76/658 (11.6%) (11.4% - 12.7%)	6/124 (4.8%) (4.7% - 7.1%)	1440/9241 (15.6%) (15.4% - 16.5%)
Clinical Pregnancy + FHB per thawing cycle	1128/6334 (17.8%) (17.6% - 18.7%)	230/1666 (13.8%) (13.6% - 14.9%)	76/612 (12.4%) (12.2% - 13.7%)	6/110 (5.5%) (5.3% - 8.0%)	1440/8722 (16.5%) (16.3% - 17.5%)
Clinical Pregnancy + FHB per embryo transfer	1128/5138 (22.0%) (21.7% - 23.0%)	230/1336 (17.2%) (16.9% - 18.6%)	76/483 (15.7%) (15.4% - 17.3%)	6/84 (7.1%) (6.9% - 10.3%)	1440/7041 (20.5%) (20.2% - 21.6%)

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.

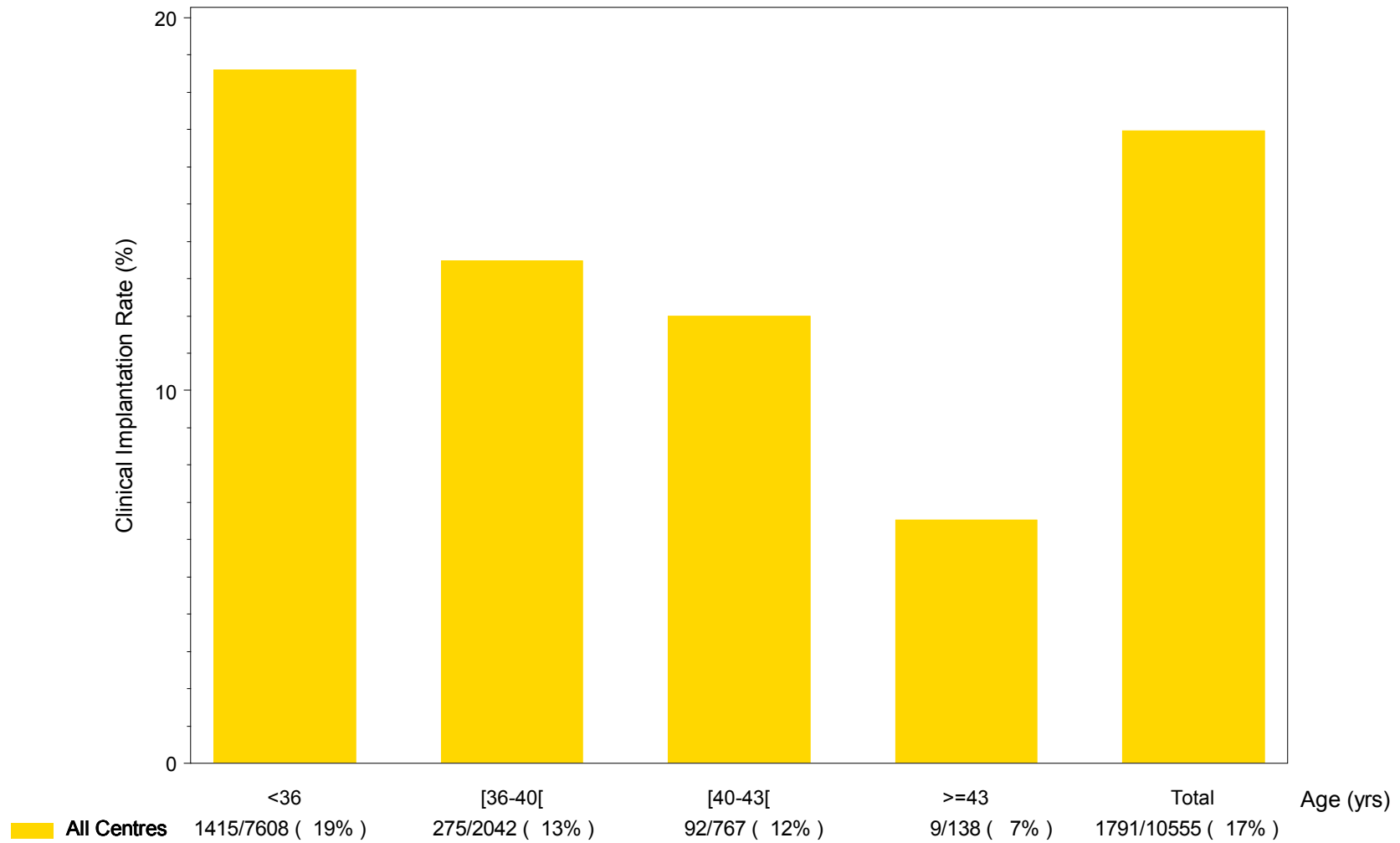
Table 3.8 Own cryo cycles: Number of deliveries according to age

Age (yrs.)	< 36	[36-40[	[40-43[	>=43	All ages
All Centres (N=9342, Missing=0)					
Initiated cycles	6747	1801	667	127	9342
Thawed cycles	6401	1688	621	113	8823
Transfers	5205	1358	492	87	7142
Number per delivery: 1/2/3	760/107/2	148/16/0	54/5/0	1/1/0	963/129/2
Delivery rate per initiated cycle	869/6567 (13.2%) (12.9% - 15.5%)	164/1750 (9.4%) (9.1% - 11.9%)	59/655 (9.0%) (8.8% - 10.6%)	2/124 (1.6%) (1.6% - 3.9%)	1094/9096 (12.0%) (11.7% - 14.3%)
Delivery rate per thawing cycle	869/6221 (14.0%) (13.6% - 16.4%)	164/1637 (10.0%) (9.7% - 12.7%)	59/609 (9.7%) (9.5% - 11.4%)	2/110 (1.8%) (1.8% - 4.4%)	1094/8577 (12.8%) (12.4% - 15.2%)
Delivery rate per embryo transfer	869/5025 (17.3%) (16.7% - 20.2%)	164/1307 (12.5%) (12.1% - 15.8%)	59/480 (12.3%) (12.0% - 14.4%)	2/84 (2.4%) (2.3% - 5.7%)	1094/6896 (15.9%) (15.3% - 18.8%)

NA=no cycles with data available.

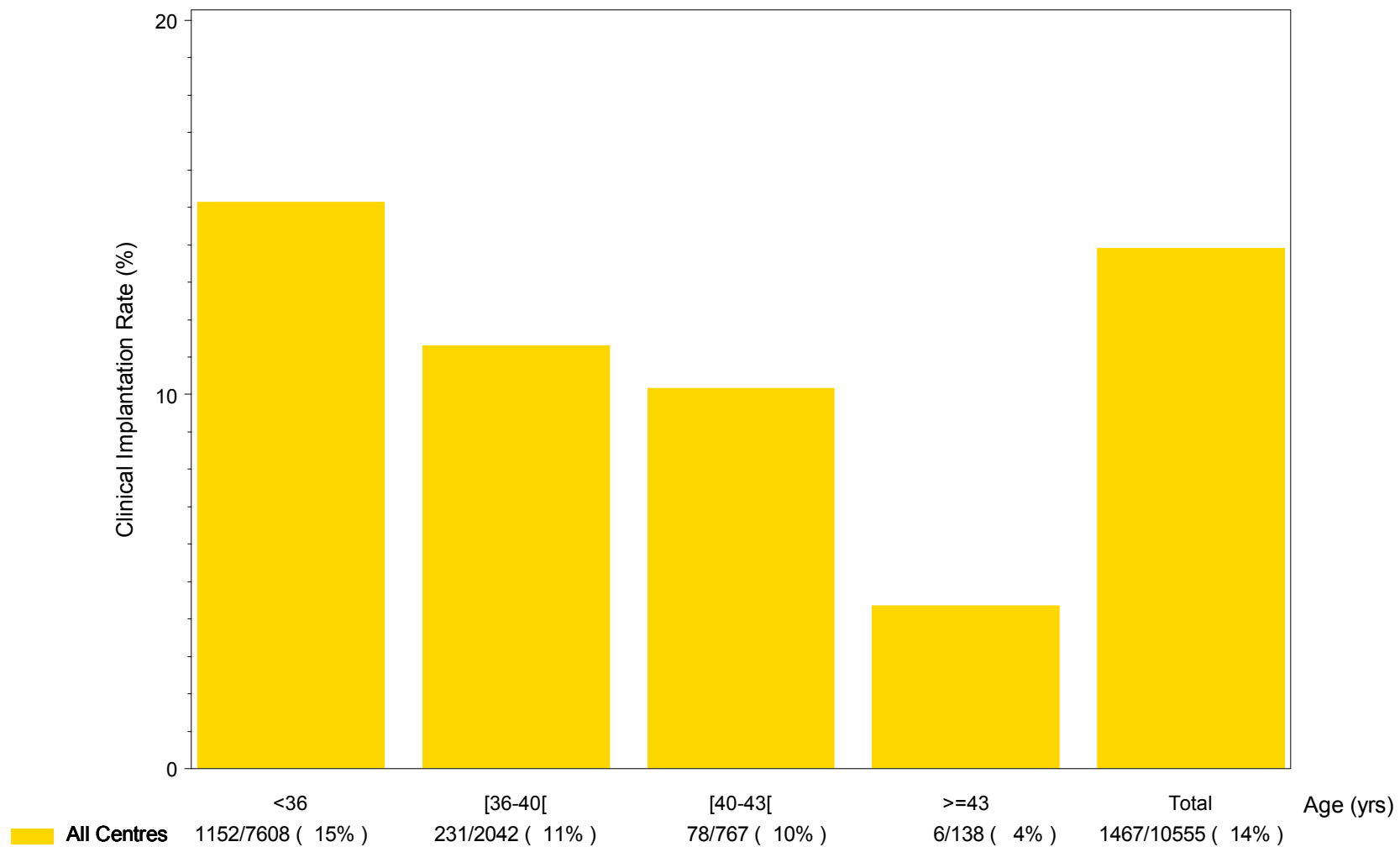
In the calculation of the ratios, only cycles with available data are considered. In the line underneath, the range expresses the minimum and maximum possible rates when accounting for missing data by considering missing delivery as negative and positive, respectively.

Figure 3.9 Own cryo cycles: Implantation rate (No. of uterine sacs) per transferred embryo according to age



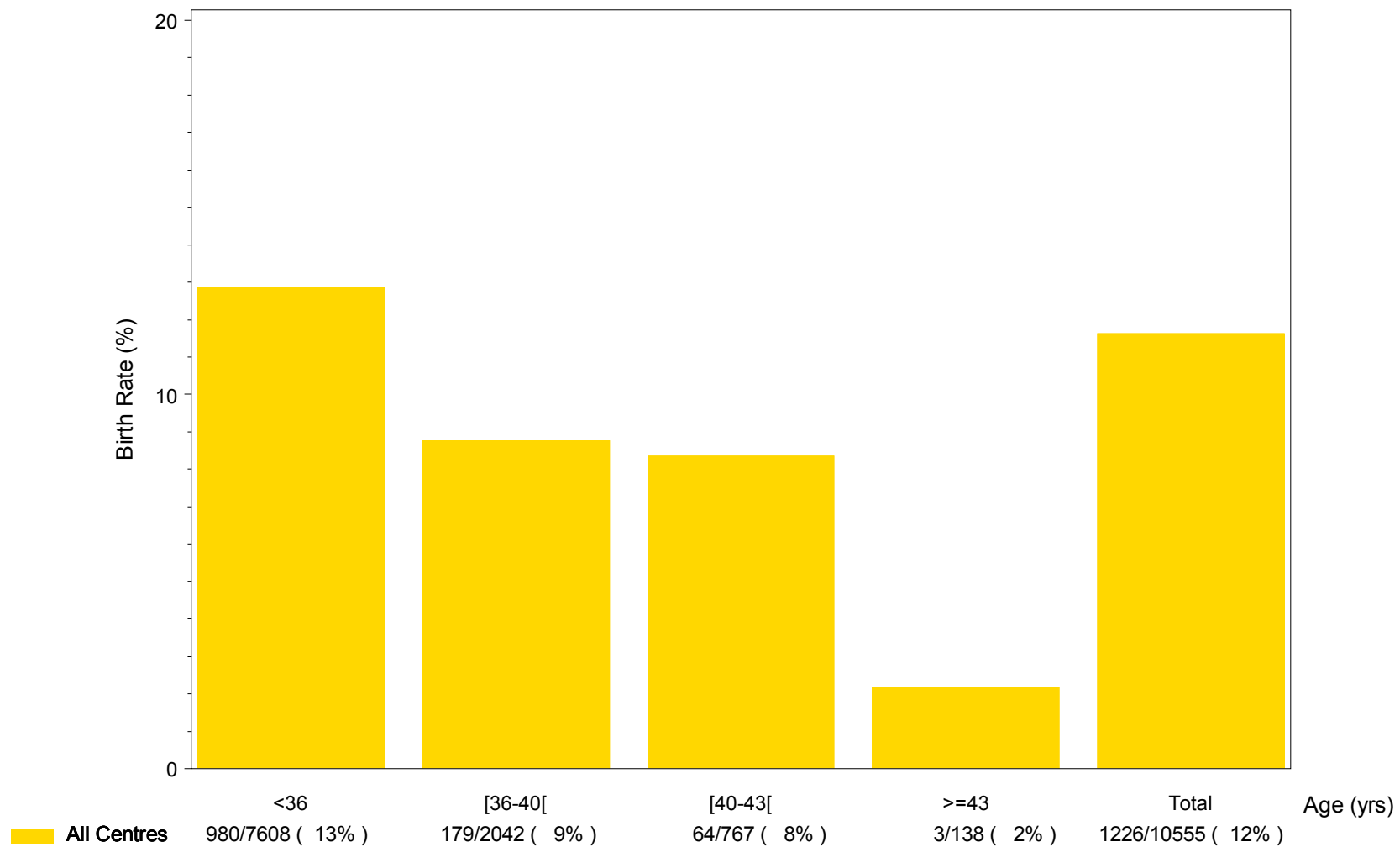
n/N (%) where n = Total number of uterine sacs; N = Total number of embryos transferred; %= n*100/N; NA = No cycles with data available.

Figure 3.10 Own cryo cycles: Clinical implantation rate (No. of FHB) per transferred embryo according to age



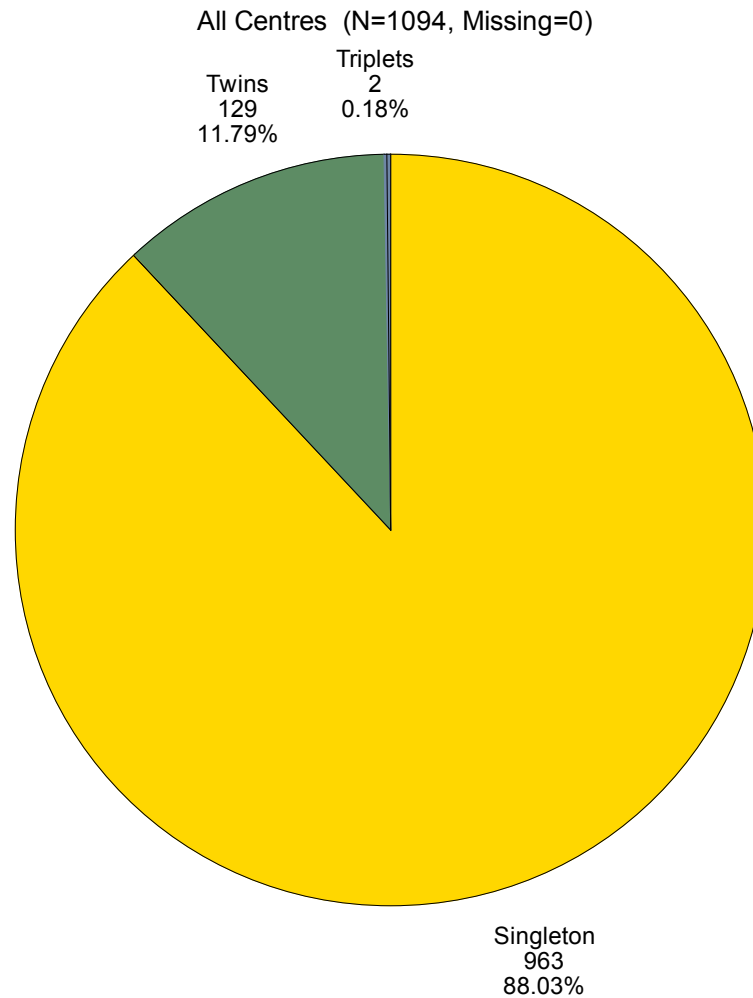
n/N (%) where n = Total number of FHB; N = Total number of embryos transferred; %= n*100/N; NA = No cycles with data available.

Figure 3.11 Own cryo cycles: Birth rate per transferred embryo according to age



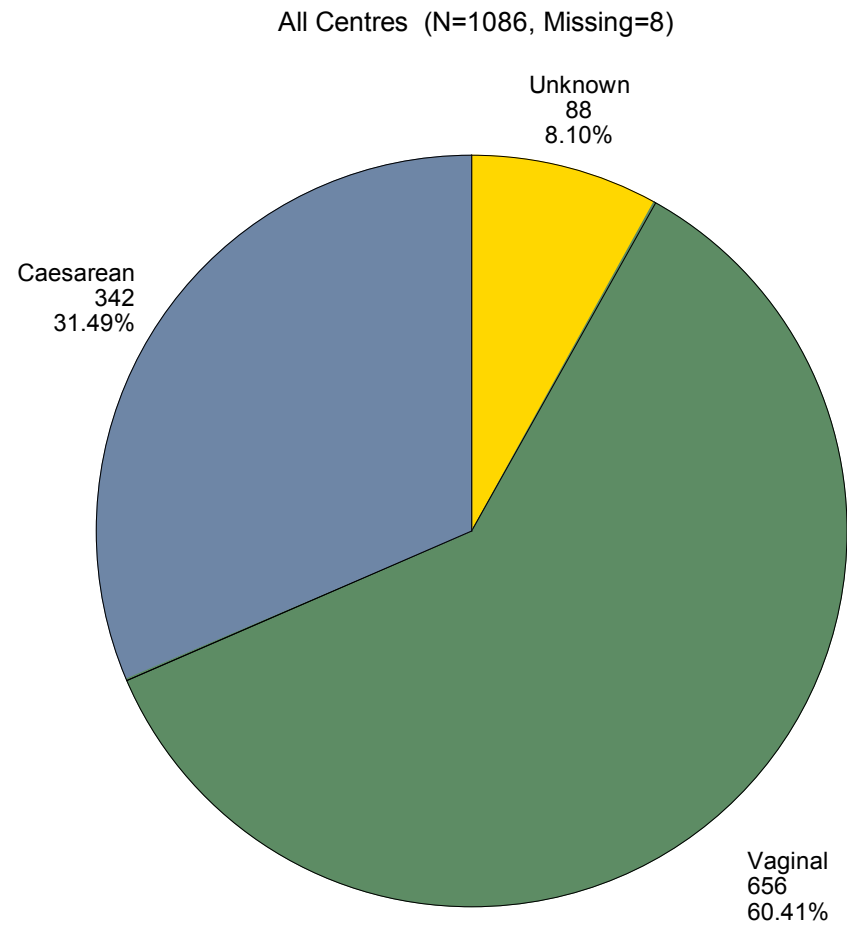
n/N (%) where n = Total number of babies; N = Total number of embryos transferred; %= n*100/N; NA = No cycles with data available.

Figure 3.12 Own cryo cycles: Number of deliveries



Deliveries of twins or triplets are only counted once.

Figure 3.13 Own cryo cycles: Type of deliveries



Deliveries of twins or triplets are only counted once.

Table 3.14 Own cryo cycles: Sex of babies

	All Centres (N=1222, Missing=5)
Sex of baby	
Male	595/1222 (48.69%)
Female	564/1222 (46.15%)
Unknown	63/1222 (5.16%)

Table 3.15 Own cryo cycles: Birth weight

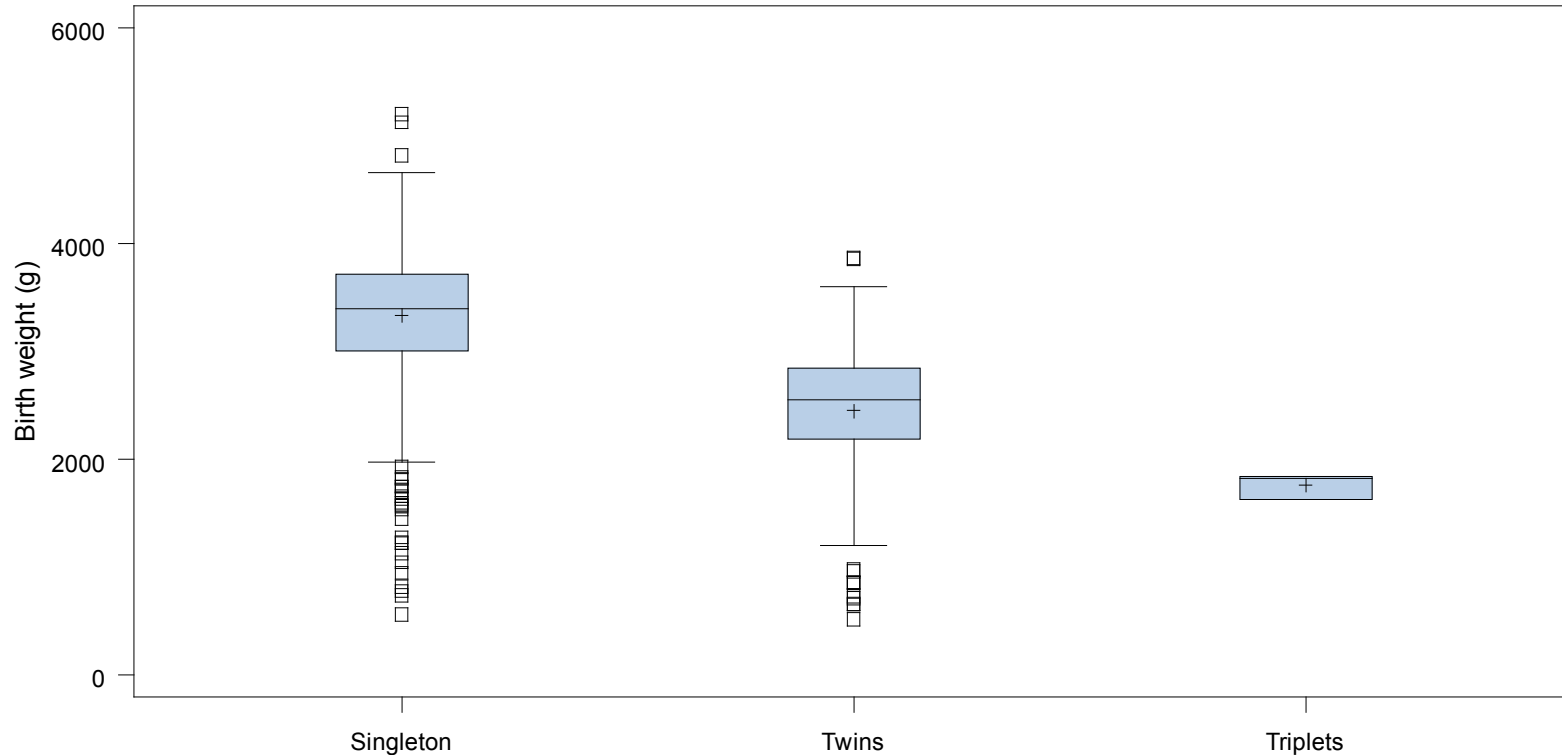
	Statistic	All Centres (N=1128, Missing=99)
Birth weight (g)		
Singletons	N	882
	Mean	3338.9
	Std	608.88
	Median	3400.0
	IQR	(3010.0; 3720.0)
Twins	N	243
	Mean	2450.5
	Std	603.87
	Median	2550.0
	IQR	(2190.0; 2850.0)
Triplets	N	3
	Mean	1765.0
	Std	117.15
	Median	1825.0
	IQR	(1630.0; 1840.0)

Table 3.16 Own cryo cycles: Gestational age at delivery

	Statistic	All Centres (N=1081, Missing=13)
Gestational age at delivery (weeks)		
Singletons	N	952
	Mean	38.9
	Std	2.18
	Median	39.3
	IQR	(38.1; 40.3)
Twins	N	127
	Mean	35.7
	Std	3.24
	Median	36.6
	IQR	(34.9; 37.7)
Triplets	N	2
	Mean	34.8
	Std	1.72
	Median	34.8
	IQR	(33.6; 36.0)

Twin or triplet birth is counted as one birth event.

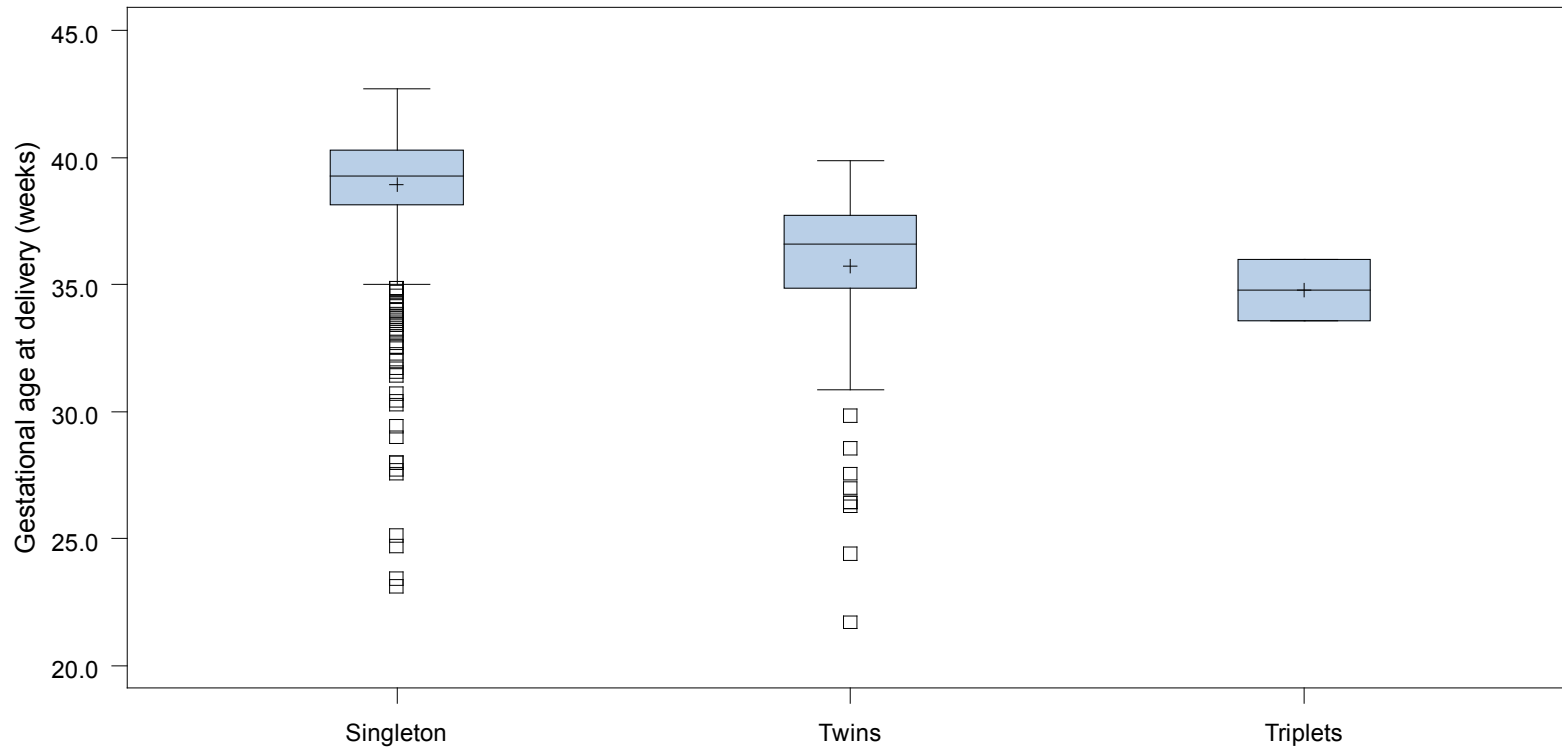
Figure 3.17 Own cryo cycles: Birth weight (boxplot)



	Singleton	Twins	Triplets
All Centres			
N	882	243	3
Missing	81	15	3
Mean	3338.9	2450.5	1765.0
SD	608.88	603.87	117.15
Median	3400.0	2550.0	1825.0
(Min,Max)	(560,5205)	(520,3870)	(1630,1840)
(Q1,Q3)	(3010,3720)	(2190,2850)	(1630,1840)

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)



	All Centres		
	Singleton	Twins	Triplets
N	952	127	2
Missing	11	2	0
Mean	38.9	35.7	34.8
SD	2.18	3.24	1.72
Median	39.3	36.6	34.8
(Min, Max)	(23, 43)	(22, 40)	(34, 36)
(Q1, Q3)	(38, 40)	(35, 38)	(34, 36)

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=1081, Missing=13)				
< 32	16 (1.7%)	13 (10.2%)	NA	29 (2.7%)
[32-37[	85 (8.9%)	61 (48.0%)	2 (100.0%)	148 (13.7%)
>=37	851 (89.4%)	53 (41.7%)	NA	904 (83.6%)
Total	952 (100.0%)	127 (100.0%)	2 (100.0%)	1081 (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)	Type of delivery			Total
	Singletons	Twins	Triplets	
All Centres (N=1128, Missing=99)				
< 1500	11 (1.2%)	20 (8.2%)	NA	31 (2.7%)
[1500-2500[	51 (5.8%)	92 (37.9%)	3 (100.0%)	146 (12.9%)
>= 2500	820 (93.0%)	131 (53.9%)	NA	951 (84.3%)
Total	882 (100.0%)	243 (100.0%)	3 (100.0%)	1128 (100.0%)

NA: no available data

Section 4: Fresh recipient cycles

Table 4.1 Fresh recipient cycles: Overview of cycles

Cycle	All Centres
Initiated	911 (100.0%)
Cancelled	85 (9.3%)
At least one oocyte received	826 (90.7%)
Embryo Transfer	719 (78.9%)

Figure 4.2 Fresh recipient cycles: Female age and laborank

All Centres (N=596, Missing=315)

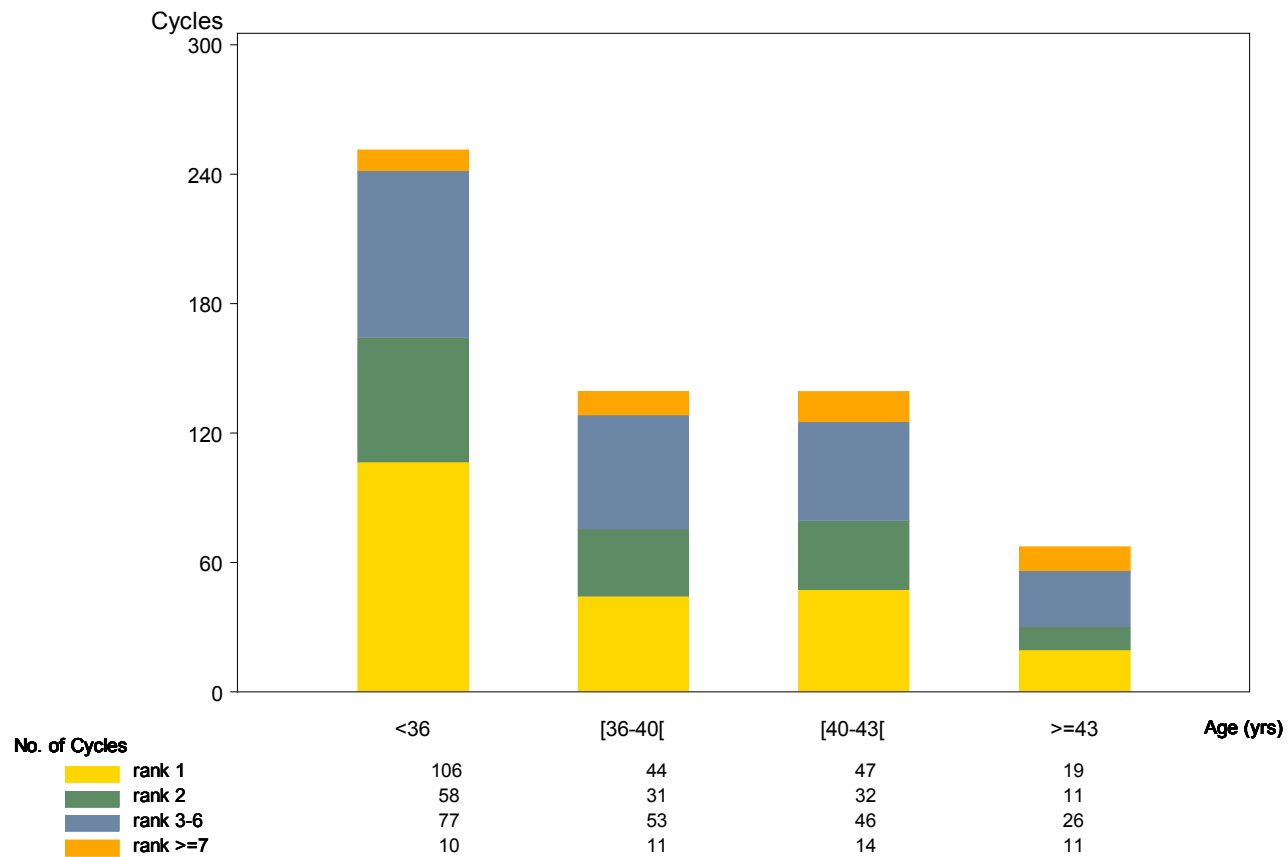


Figure 4.3 Fresh recipient cycles: Female age distribution

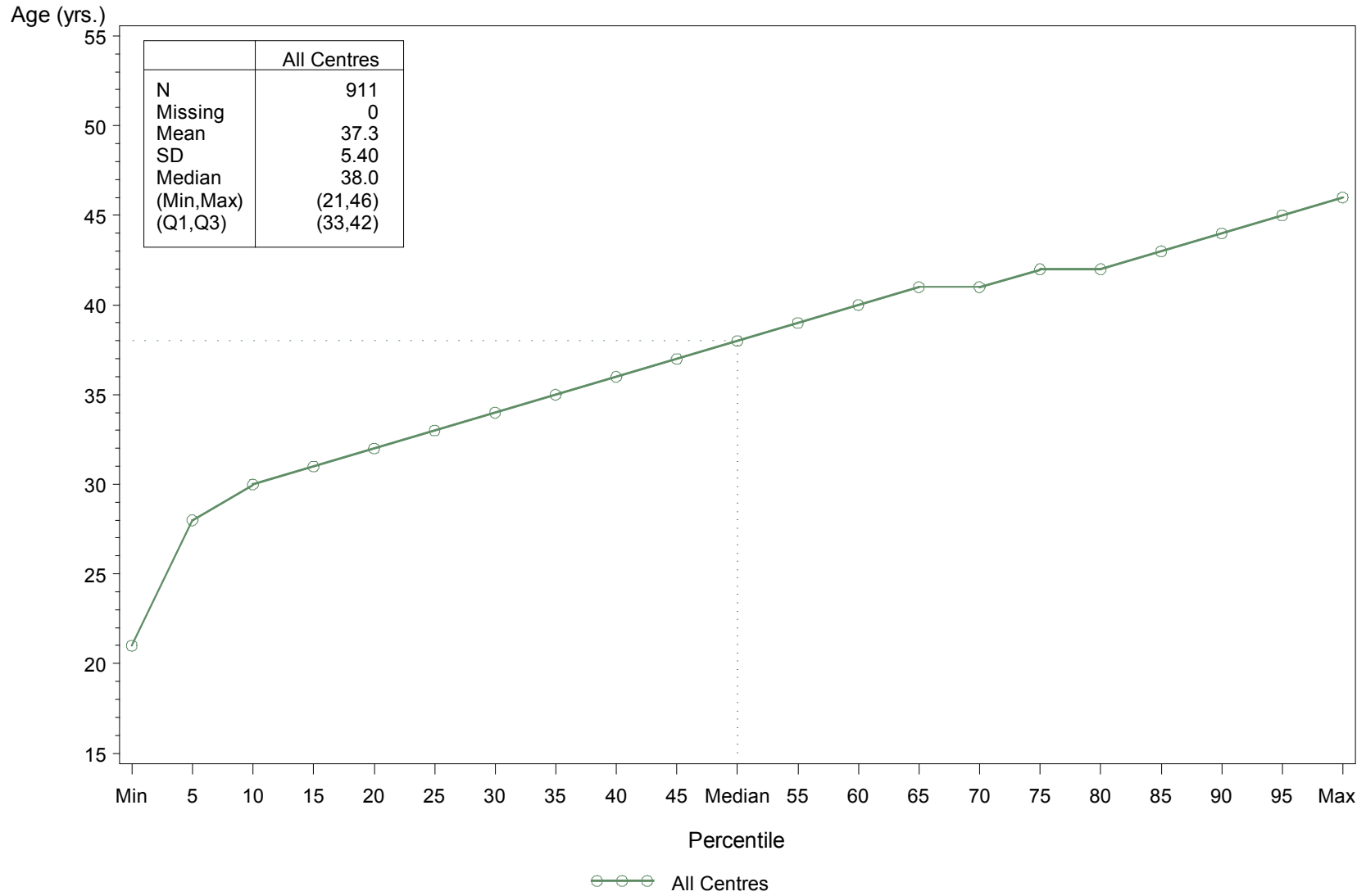
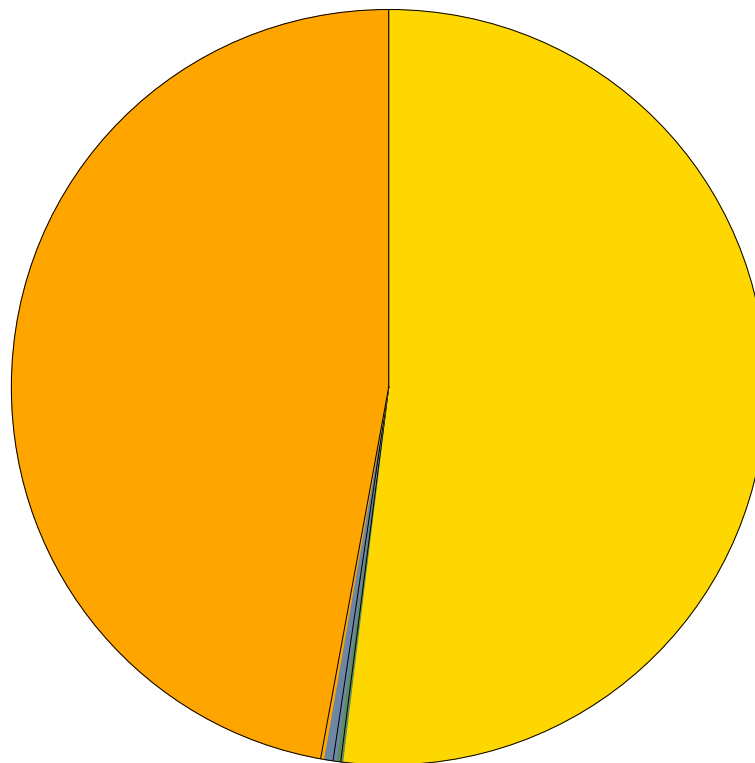


Figure 4.4 Fresh recipient cycles: Pituitary inhibition

All Centres (N=911, Missing=0)



Pituitary Inhibition

Agonist - long	n (%) = 474 (52.03%)
Agonist - short	n (%) = 3 (0.33%)
Antagonist	n (%) = 5 (0.55%)
None	n (%) = 429 (47.09%)

Table 4.5 Fresh recipient cycles: Stimulation protocol

	Statistic	All Centres (N=911, Missing=0)
Stimulation protocol		
Clomiphene	n/N (%)	2/911 (0.22%)
Gonadotrophins	n/N (%)	7/911 (0.77%)
Aromatase Inhibitor + Gonadotrophins	n/N (%)	1/911 (0.11%)
Substitution	n/N (%)	643/911 (70.58%)
None	n/N (%)	21/911 (2.31%)
Other	n/N (%)	237/911 (26.02%)

Table 4.6 Fresh recipient cycles: Number of embryos transferred

	All Centres
Number of cycles with transfer	719
Number of embryos transferred	
1	245/719 (34.08%)
2	438/719 (60.92%)
3	33/719 (4.59%)
>3	3/719 (0.42%)
Total number of embryos transferred	1234

Based on all cycles with at least one embryo transferred.

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

Age (yrs.)	< 36	[36-40[	[40-43[	>=43	All ages
All Centres (N=911, Missing=0)					
Initiated cycles	327	204	205	175	911
At least one oocyte received	292	184	189	161	826
Transfers	258	159	164	138	719
HCG + per initiated cycle	84/310 (27.1%) (25.7% - 30.9%)	56/199 (28.1%) (27.5% - 29.9%)	58/200 (29.0%) (28.3% - 30.7%)	52/174 (29.9%) (29.7% - 30.3%)	250/883 (28.3%) (27.4% - 30.5%)
HCG + per cycles with at least one oocyte received	84/275 (30.5%) (28.8% - 34.6%)	56/179 (31.3%) (30.4% - 33.2%)	58/184 (31.5%) (30.7% - 33.3%)	52/160 (32.5%) (32.3% - 32.9%)	250/798 (31.3%) (30.3% - 33.7%)
HCG + per embryo transfer	84/241 (34.9%) (32.6% - 39.1%)	56/154 (36.4%) (35.2% - 38.4%)	58/159 (36.5%) (35.4% - 38.4%)	52/137 (38.0%) (37.7% - 38.4%)	250/691 (36.2%) (34.8% - 38.7%)

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

Age (yrs.)	< 36	[36-40[	[40-43[	>=43	All ages
All Centres (N=911, Missing=0)					
Initiated cycles	327	204	205	175	911
At least one oocyte received	292	184	189	161	826
Transfers	258	159	164	138	719
Clinical Pregnancy per initiated cycle	71/310 (22.9%) (21.7% - 26.9%)	50/199 (25.1%) (24.5% - 27.0%)	43/200 (21.5%) (21.0% - 23.4%)	38/174 (21.8%) (21.7% - 22.3%)	202/883 (22.9%) (22.2% - 25.2%)
Clinical Pregnancy per cycles with at least one oocyte received	71/275 (25.8%) (24.3% - 30.1%)	50/179 (27.9%) (27.2% - 29.9%)	43/184 (23.4%) (22.8% - 25.4%)	38/160 (23.8%) (23.6% - 24.2%)	202/798 (25.3%) (24.5% - 27.8%)
Clinical Pregnancy per embryo transfer	71/241 (29.5%) (27.5% - 34.1%)	50/154 (32.5%) (31.4% - 34.6%)	43/159 (27.0%) (26.2% - 29.3%)	38/137 (27.7%) (27.5% - 28.3%)	202/691 (29.2%) (28.1% - 32.0%)

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 4.9 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=911, Missing=0)					
Initiated cycles	327	204	205	175	911
At least one oocyte received	292	184	189	161	826
Transfers	258	159	164	138	719
FHB: 1/2/3	67/0	46/1	37/3	34/2	184/6
Clinical Pregnancy + FHB per initiated cycle	67/310 (21.6%) (20.5% - 25.7%)	47/198 (23.7%) (23.0% - 26.0%)	40/199 (20.1%) (19.5% - 22.4%)	36/173 (20.8%) (20.6% - 21.7%)	190/880 (21.6%) (20.9% - 24.3%)
Clinical Pregnancy + FHB per cycles with at least one oocyte received	67/275 (24.4%) (22.9% - 28.8%)	47/178 (26.4%) (25.5% - 28.8%)	40/183 (21.9%) (21.2% - 24.3%)	36/159 (22.6%) (22.4% - 23.6%)	190/795 (23.9%) (23.0% - 26.8%)
Clinical Pregnancy + FHB per embryo transfer	67/241 (27.8%) (26.0% - 32.6%)	47/153 (30.7%) (29.6% - 33.3%)	40/158 (25.3%) (24.4% - 28.0%)	36/136 (26.5%) (26.1% - 27.5%)	190/688 (27.6%) (26.4% - 30.7%)

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 results as negative and positive, respectively.

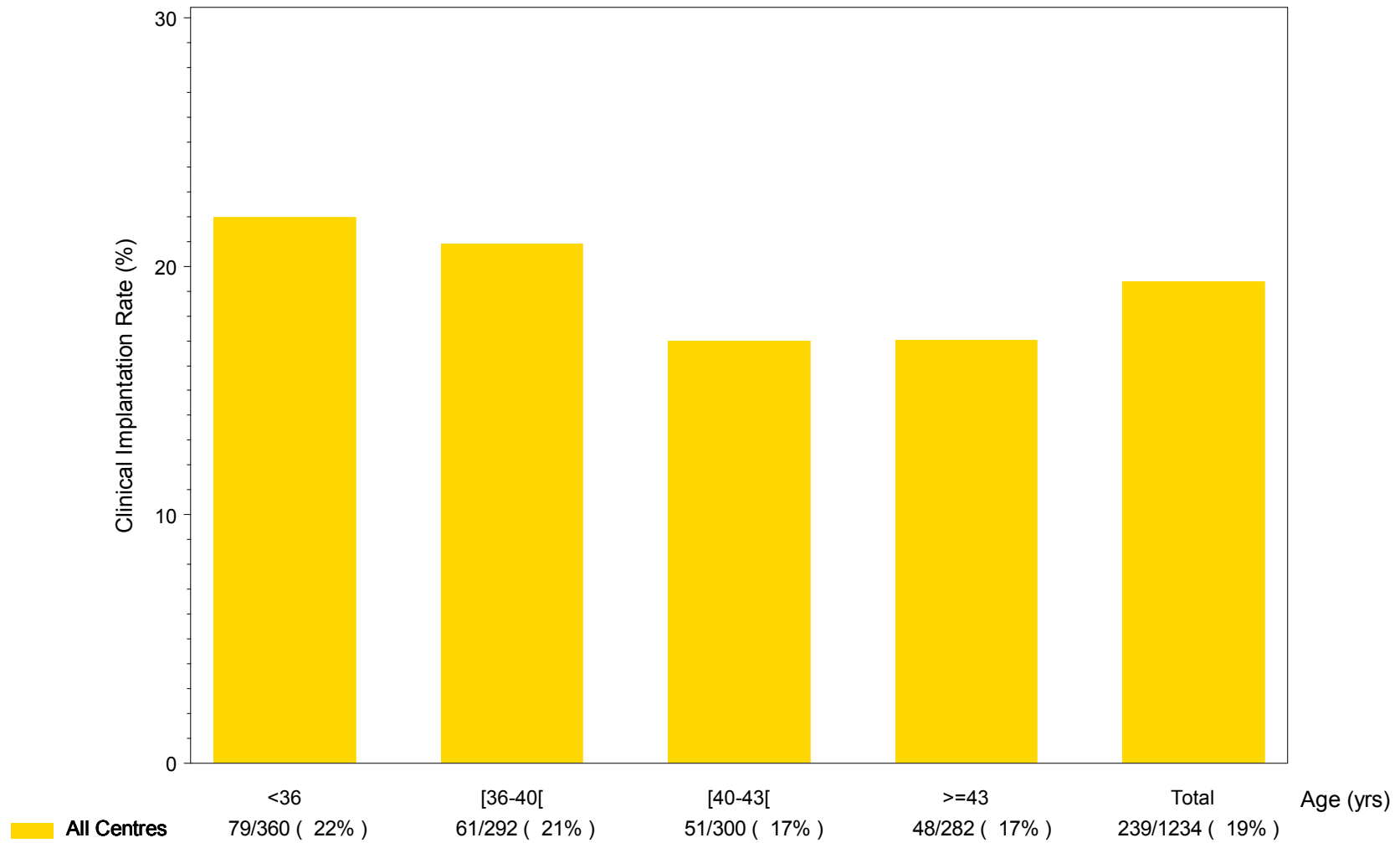
Table 4.10 Fresh recipient cycles: Number of deliveries according to age

Age (yrs.)	< 36	[36-40[	[40-43[	>=43	All ages
All Centres (N=911, Missing=0)					
Initiated cycles	327	204	205	175	911
At least one oocyte received	292	184	189	161	826
Transfers	258	159	164	138	719
Number per delivery: 1/2/3	32/6/0	30/6/0	23/4/0	18/4/0	103/20/0
Delivery rate per initiated cycle	38/290 (13.1%) (11.6% - 22.9%)	36/192 (18.8%) (17.6% - 23.5%)	27/192 (14.1%) (13.2% - 19.5%)	22/165 (13.3%) (12.6% - 18.3%)	123/839 (14.7%) (13.5% - 21.4%)
Delivery rate per cycles with at least one oocyte received	38/255 (14.9%) (13.0% - 25.7%)	36/172 (20.9%) (19.6% - 26.1%)	27/176 (15.3%) (14.3% - 21.2%)	22/151 (14.6%) (13.7% - 19.9%)	123/754 (16.3%) (14.9% - 23.6%)
Delivery rate per embryo transfer	38/221 (17.2%) (14.7% - 29.1%)	36/147 (24.5%) (22.6% - 30.2%)	27/151 (17.9%) (16.5% - 24.4%)	22/128 (17.2%) (15.9% - 23.2%)	123/647 (19.0%) (17.1% - 27.1%)

NA=no cycles with data available.

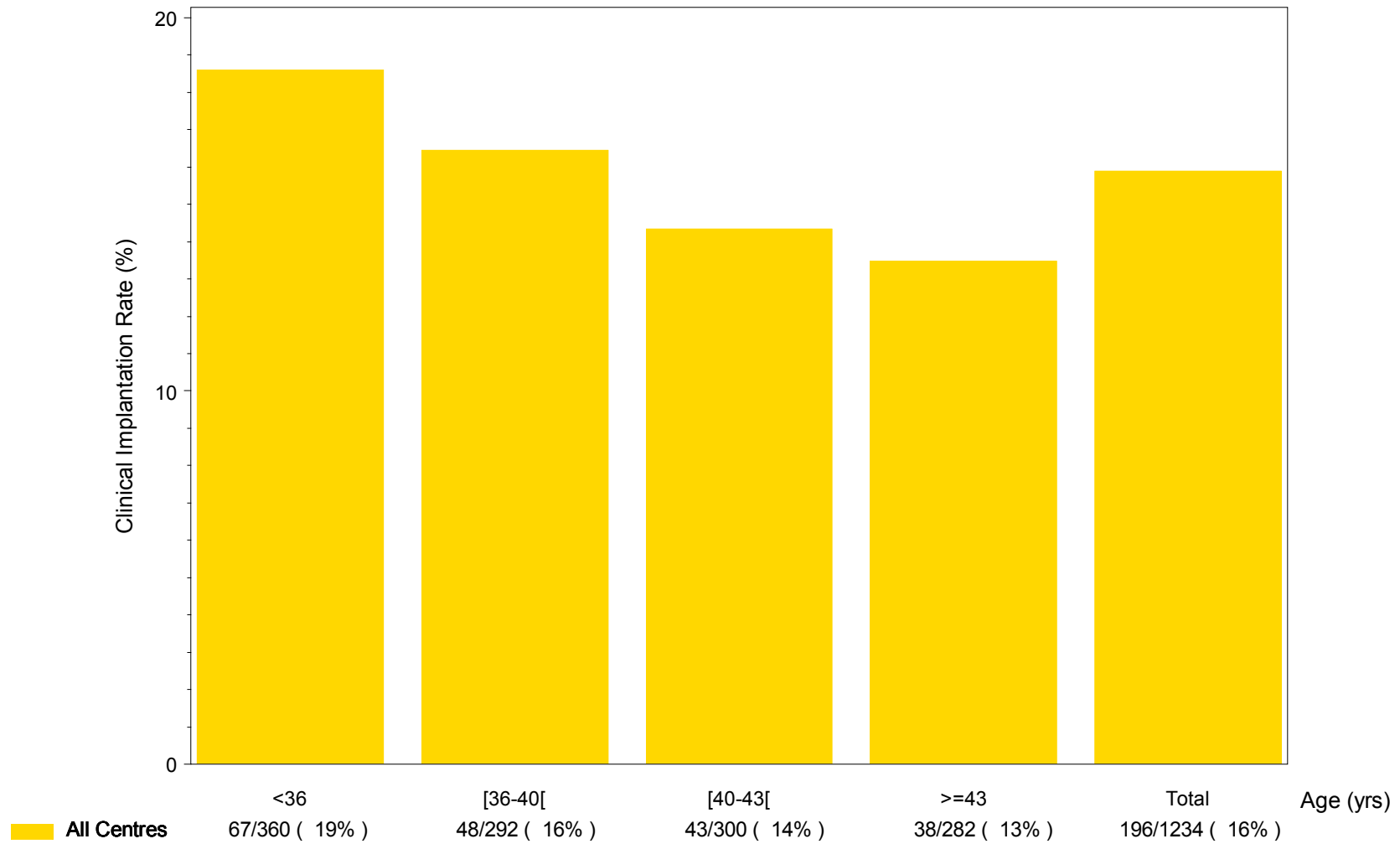
In the calculation of the ratios, only cycles with available data are considered. In the line underneath, the range expresses the minimum and maximum possible rates when accounting for missing data by considering missing delivery as negative and positive, respectively.

Figure 4.11 Fresh recipient cycles: Implantation rate (No. of uterine sacs) per transferred embryo according to age



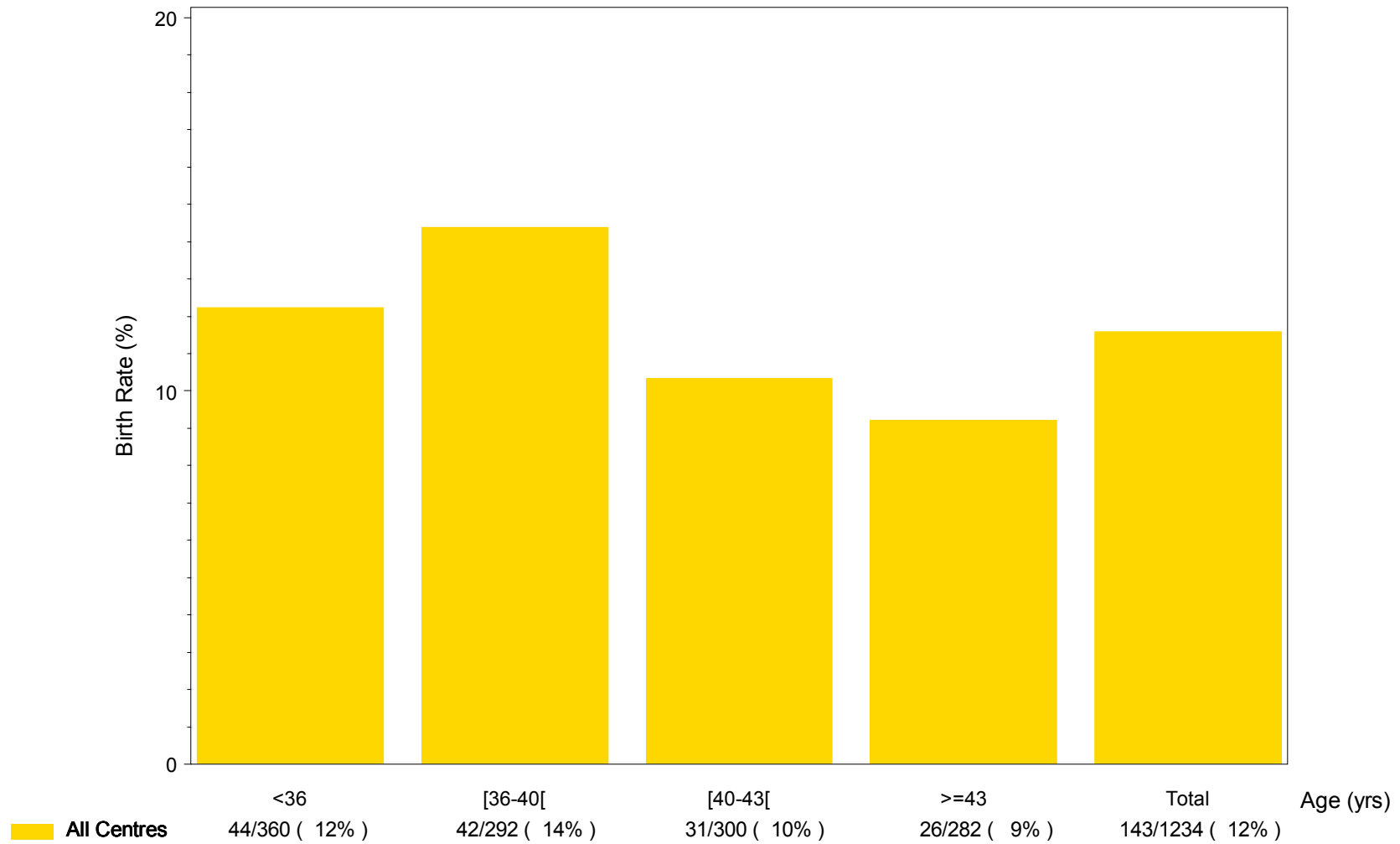
n/N (%) where n = Total number of uterine sacs; N = Total number of embryos transferred; %= n*100/N; NA = No cycles with data available.

Figure 4.12 Fresh recipient cycles: Clinical implantation rate (No. of FHB) per transferred embryo according to age



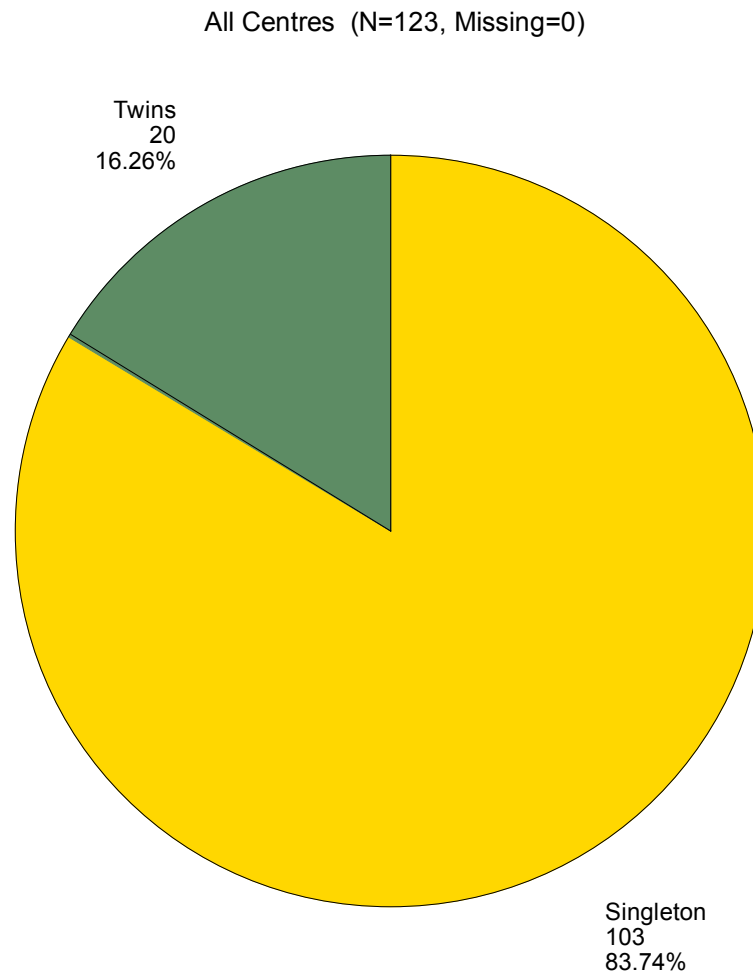
n/N (%) where n = Total number of FHB; N = Total number of embryos transferred; %= n*100/N; NA = No cycles with data available.

Figure 4.13 Fresh recipient 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.

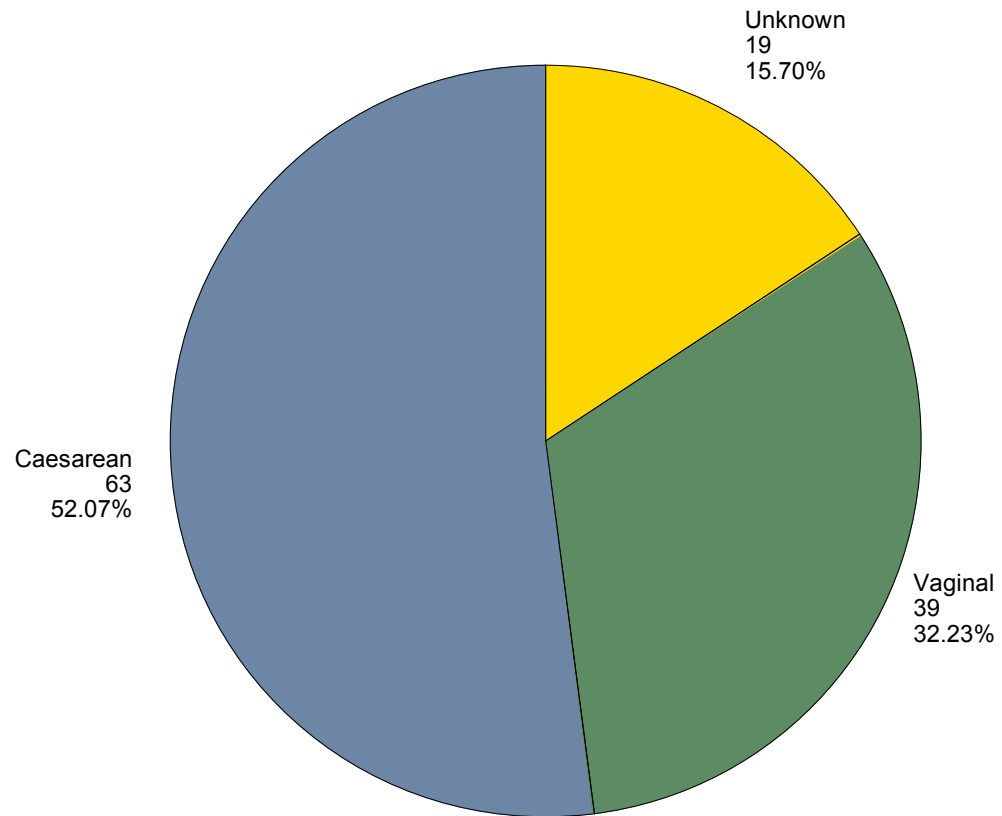
Figure 4.14 Fresh recipient cycles: Number of deliveries



Deliveries of twins or triplets are only counted once.

Table 4.15 Fresh recipient cycles: Type of deliveries

All Centres (N=121, Missing=2)



Deliveries of twins or triplets are only counted once.

Table 4.16 Fresh recipient cycles: Sex of babies

All Centres (N=141, Missing=2)	
Sex of baby	
Male	65/141 (46.10%)
Female	60/141 (42.55%)
Unknown	16/141 (11.35%)

Table 4.17 Fresh recipient cycles: Birth weight

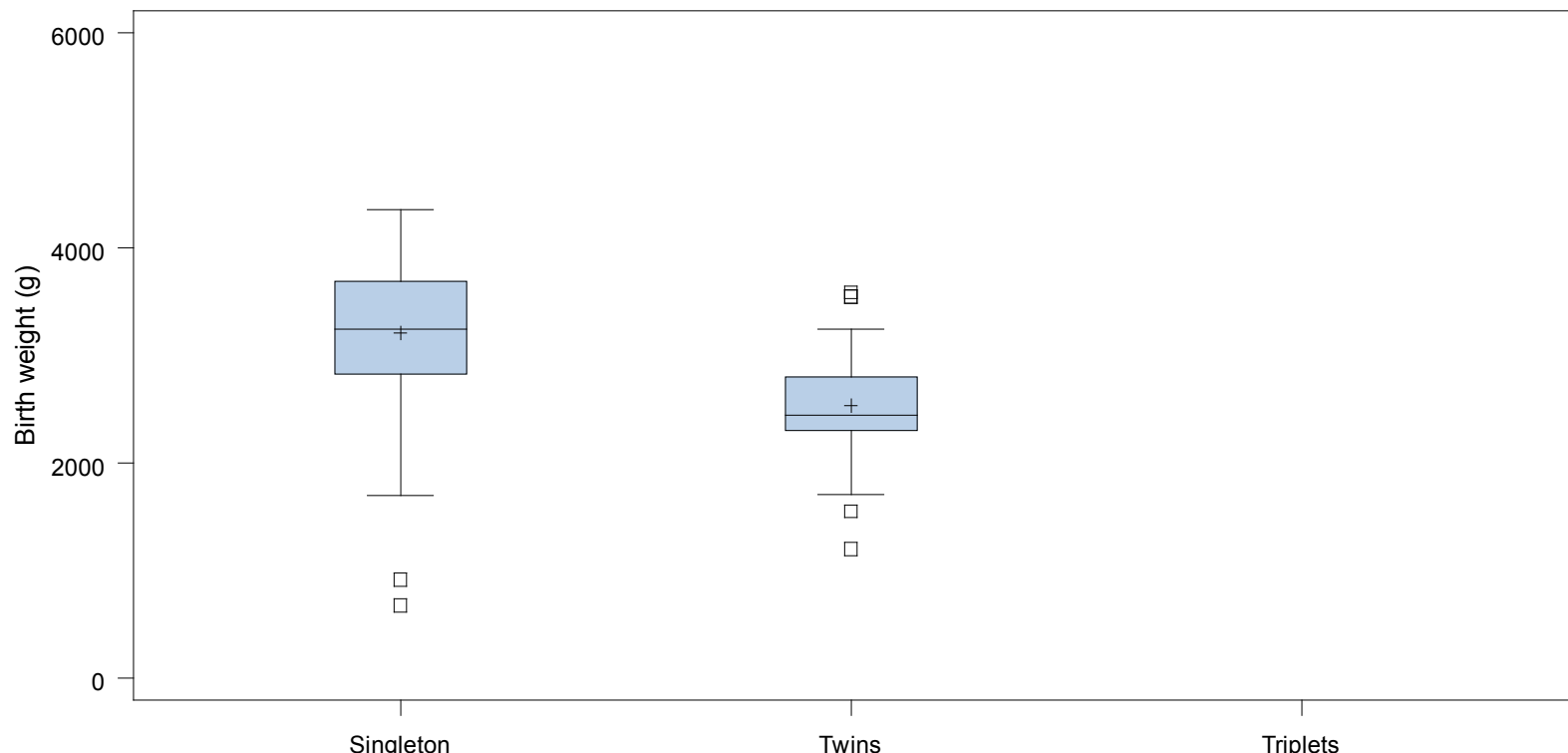
	Statistic	All Centres (N=126, Missing=17)
Birth Weight (g)		
Singletons	N	86
	Mean	3210.6
	Std	683.37
	Median	3245.0
	IQR	(2830.0; 3690.0)
Twins	N	40
	Mean	2537.2
	Std	491.81
	Median	2442.5
	IQR	(2305.0; 2800.0)

Table 4.18 Fresh recipient cycles: Gestational age at delivery

	Statistic	All Centres (N=120, Missing=3)
Gestational age at delivery (weeks)		
Singletons	N	100
	Mean	38.4
	Std	2.42
	Median	39.1
	IQR	(37.3; 40.1)
Twins	N	20
	Mean	35.8
	Std	1.95
	Median	35.6
	IQR	(34.7; 37.3)

Twin or triplet birth is counted as one birth event.

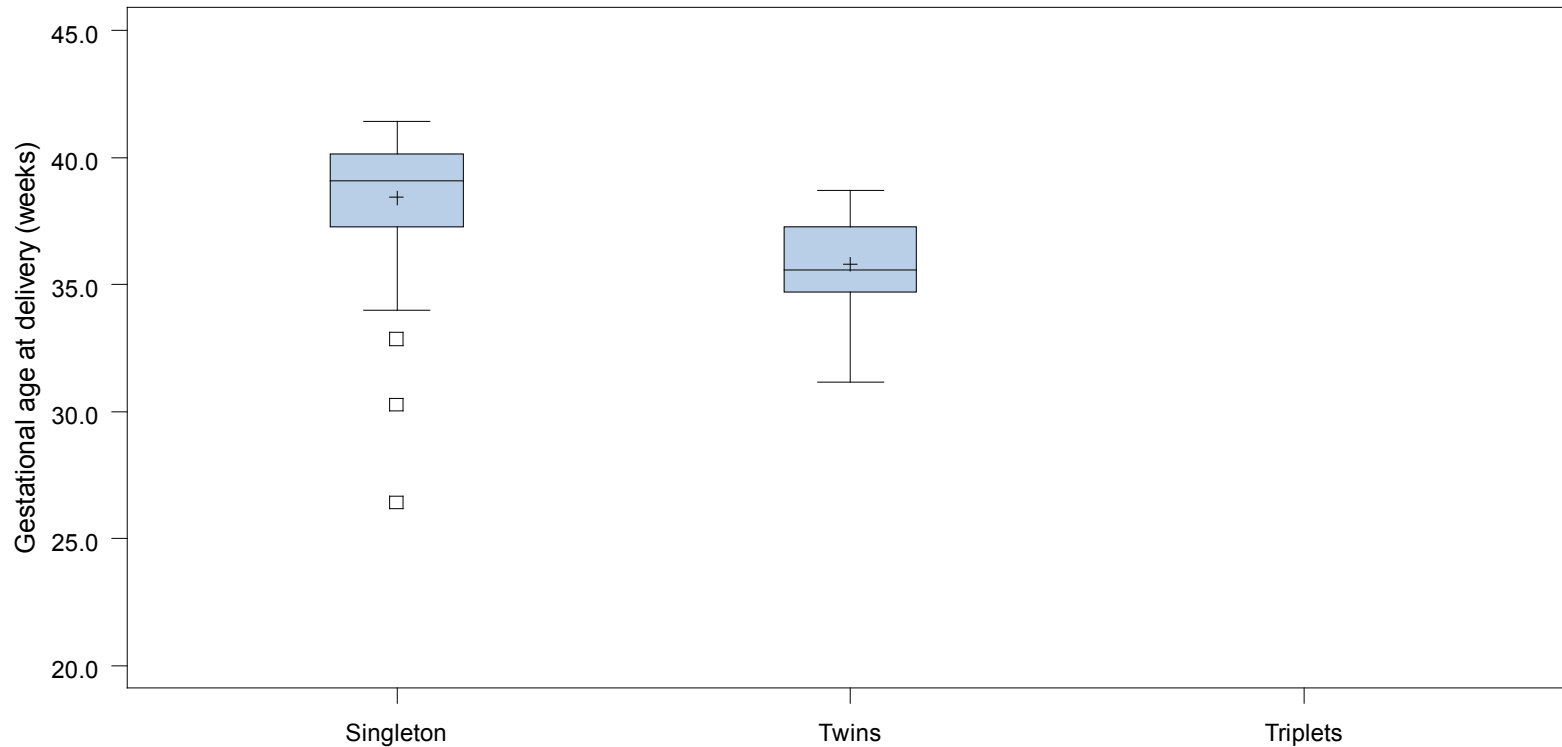
Figure 4.19 Fresh recipient cycles: Birth weight (boxplot)



	Singleton	Twins	Triplets
N	86	40	
Missing	17	0	
Mean	3210.6	2537.2	
SD	683.37	491.81	
Median	3245.0	2442.5	
(Min,Max)	(680,4355)	(1200,3590)	
(Q1,Q3)	(2830,3690)	(2305,2800)	

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 4.20 Fresh recipient cycles: Gestational age at delivery (boxplot)



	Singleton	Twins	Triplets
All Centres			
N	100	20	
Missing	3	0	
Mean	38.4	35.8	
SD	2.42	1.95	
Median	39.1	35.6	
(Min,Max)	(26,41)	(31,39)	
(Q1,Q3)	(37,40)	(35,37)	

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

Gestational age at delivery (weeks)	Type of delivery			Total birth events
	Single birth event	Twin birth event	Triplet birth event	
All Centres (N=120, Missing=3)				
< 32	2 (2.0%)	1 (5.0%)	NA	3 (2.5%)
[32-37[	18 (18.0%)	11 (55.0%)	NA	29 (24.2%)
>=37	80 (80.0%)	8 (40.0%)	NA	88 (73.3%)
Total	100 (100.0%)	20 (100.0%)	NA	120 (100.0%)

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

Table 4.22 Fresh recipient cycles: Prevalence of low birth weight according to type of delivery

Birth weight (g)	Type of delivery			Total
	Singletons	Twins	Triplets	
All Centres (N=126, Missing=17)				
< 1500	2 (2.3%)	1 (2.5%)	NA	3 (2.4%)
[1500-2500[	9 (10.5%)	20 (50.0%)	NA	29 (23.0%)
>= 2500	75 (87.2%)	19 (47.5%)	NA	94 (74.6%)
Total	86 (100.0%)	40 (100.0%)	NA	126 (100.0%)

NA: no data available

Section 5: Cryo recipient cycles

Table 5.1 Cryo recipient cycles (donor eggs): Overview of cryo cycles

Cryo cycle	All Centres
Initiated	501 (100.0%)
Cancelled	6 (1.2%)
Thawed	495 (98.8%)
Embryo Transfer	427 (85.2%)

Table 5.2 Cryo recipient cycles (donor eggs): Number of embryos transferred

	All Centres
Number of cycles with transfer	427
Number of embryos transferred	
1	176/415 (42.41%)
2	231/415 (55.66%)
3	8/415 (1.93%)
Total number of embryos transferred	662

Based on all cycles with at least one embryo transferred.

Table 5.3 Cryo recipient cycles (donor eggs): Pituitary inhibition

	Statistic	All Centres (N=500, Missing=1)
Pituitary inhibition		
Yes	n/N (%)	78/500 (15.60%)
No	n/N (%)	422/500 (84.40%)

Table 5.4 Cryo recipient cycles (donor eggs): Stimulation protocol

	Statistic	All Centres (N=500, Missing=1)
Stimulation protocol		
Clomiphene	n/N (%)	16/500 (3.20%)
Gonadotrophins	n/N (%)	3/500 (0.60%)
Aromatase Inhibitor	n/N (%)	1/500 (0.20%)
Substitution	n/N (%)	291/500 (58.20%)
None	n/N (%)	112/500 (22.40%)
Other	n/N (%)	77/500 (15.40%)

Table 5.5 Cryo recipient cycles (donor eggs): Number of HCG+ pregnancies according to age

Age (yrs.)	< 36	[36-40[	[40-43[	>=43	All ages
All Centres (N=501, Missing=0)					
Initiated cycles	211	82	101	107	501
Thawing cycles	207	82	100	106	495
Transfers	175	71	84	97	427
HCG + per initiated cycle	43/207 (20.8%) (20.4% - 22.3%)	18/79 (22.8%) (22.0% - 25.6%)	22/98 (22.4%) (21.8% - 24.8%)	31/104 (29.8%) (29.0% - 31.8%)	114/488 (23.4%) (22.8% - 25.3%)
HCG + per thawing cycles	43/203 (21.2%) (20.8% - 22.7%)	18/79 (22.8%) (22.0% - 25.6%)	22/97 (22.7%) (22.0% - 25.0%)	31/103 (30.1%) (29.2% - 32.1%)	114/482 (23.7%) (23.0% - 25.7%)
HCG + per embryo transfer	43/171 (25.1%) (24.6% - 26.9%)	18/68 (26.5%) (25.4% - 29.6%)	22/81 (27.2%) (26.2% - 29.8%)	31/94 (33.0%) (32.0% - 35.1%)	114/414 (27.5%) (26.7% - 29.7%)

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 5.6 Cryo recipient cycles (donor eggs): Number of clinical pregnancies according to age

Age (yrs.)	< 36	[36-40[	[40-43[	>=43	All ages
All Centres (N=501, Missing=0)					
Initiated cycles	211	82	101	107	501
Thawing cycles	207	82	100	106	495
Transfers	175	71	84	97	427
Clinical Pregnancy per initiated cycle	29/207 (14.0%) (13.7% - 15.6%)	13/79 (16.5%) (15.9% - 19.5%)	16/98 (16.3%) (15.8% - 18.8%)	15/104 (14.4%) (14.0% - 16.8%)	73/488 (15.0%) (14.6% - 17.2%)
Clinical Pregnancy per thawing cycles	29/203 (14.3%) (14.0% - 15.9%)	13/79 (16.5%) (15.9% - 19.5%)	16/97 (16.5%) (16.0% - 19.0%)	15/103 (14.6%) (14.2% - 17.0%)	73/482 (15.1%) (14.7% - 17.4%)
Clinical Pregnancy per embryo transfer	29/171 (17.0%) (16.6% - 18.9%)	13/68 (19.1%) (18.3% - 22.5%)	16/81 (19.8%) (19.0% - 22.6%)	15/94 (16.0%) (15.5% - 18.6%)	73/414 (17.6%) (17.1% - 20.1%)

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 5.7 Cryo recipient cycles (donor eggs): Number of clinical pregnancies including FHB according to age

Age (yrs.)	< 36	[36-40[	[40-43[	>=43	All ages
All Centres (N=501, Missing=0)					
Initiated cycles	211	82	101	107	501
Thawing cycles	207	82	100	106	495
Transfers	175	71	84	97	427
FHB: 1/2/3	26/0	11/2	12/0	11/1	60/3
Clinical Pregnancy + FHB per initiated cycle	26/207 (12.6%) (12.3% - 14.2%)	13/79 (16.5%) (15.9% - 19.5%)	12/95 (12.6%) (11.9% - 17.8%)	12/104 (11.5%) (11.2% - 14.0%)	63/485 (13.0%) (12.6% - 15.8%)
Clinical Pregnancy + FHB per thawing cycles	26/203 (12.8%) (12.6% - 14.5%)	13/79 (16.5%) (15.9% - 19.5%)	12/94 (12.8%) (12.0% - 18.0%)	12/103 (11.7%) (11.3% - 14.2%)	63/479 (13.2%) (12.7% - 16.0%)
Clinical Pregnancy + FHB per embryo transfer	26/171 (15.2%) (14.9% - 17.1%)	13/68 (19.1%) (18.3% - 22.5%)	12/78 (15.4%) (14.3% - 21.4%)	12/94 (12.8%) (12.4% - 15.5%)	63/411 (15.3%) (14.8% - 18.5%)

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.

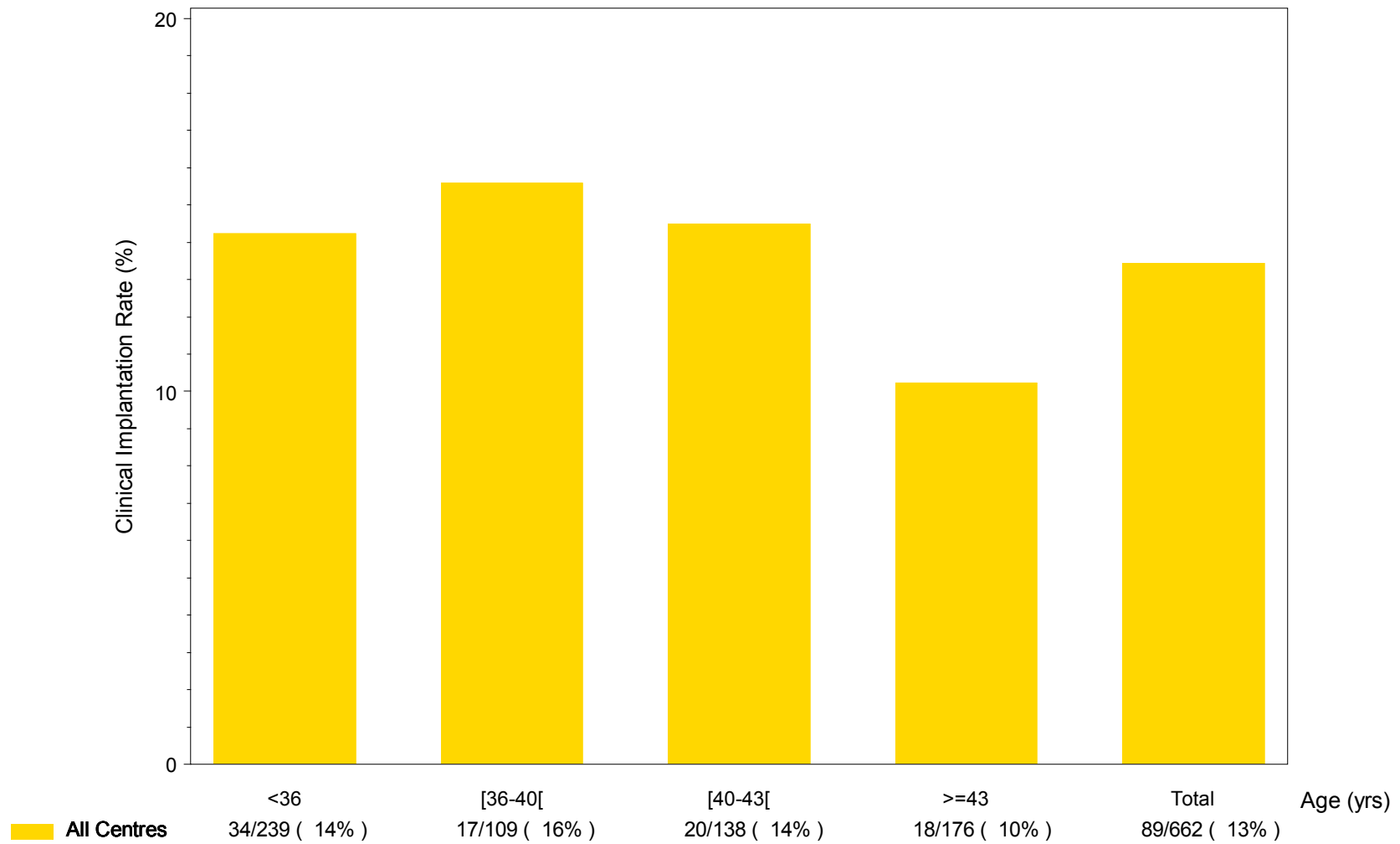
Table 5.8 Cryo recipient cycles (donor eggs): Number of deliveries according to age

Age (yrs.)	< 36	[36-40[	[40-43[	>=43	All ages
All Centres (N=501, Missing=0)					
Initiated cycles	211	82	101	107	501
Thawing cycles	207	82	100	106	495
Transfers	175	71	84	97	427
Number per delivery: 1/2/3	19/1/0	8/1/0	7/1/0	5/1/0	39/4/0
Delivery rate per initiated cycle	20/205 (9.8%) (9.5% - 12.3%)	9/76 (11.8%) (11.0% - 18.3%)	8/96 (8.3%) (7.9% - 12.9%)	6/100 (6.0%) (5.6% - 12.1%)	43/477 (9.0%) (8.6% - 13.4%)
Delivery rate per thawing cycles	20/201 (10.0%) (9.7% - 12.6%)	9/76 (11.8%) (11.0% - 18.3%)	8/95 (8.4%) (8.0% - 13.0%)	6/99 (6.1%) (5.7% - 12.3%)	43/471 (9.1%) (8.7% - 13.5%)
Delivery rate per embryo transfer	20/169 (11.8%) (11.4% - 14.9%)	9/65 (13.8%) (12.7% - 21.1%)	8/79 (10.1%) (9.5% - 15.5%)	6/90 (6.7%) (6.2% - 13.4%)	43/403 (10.7%) (10.1% - 15.7%)

NA=no cycles with data available.

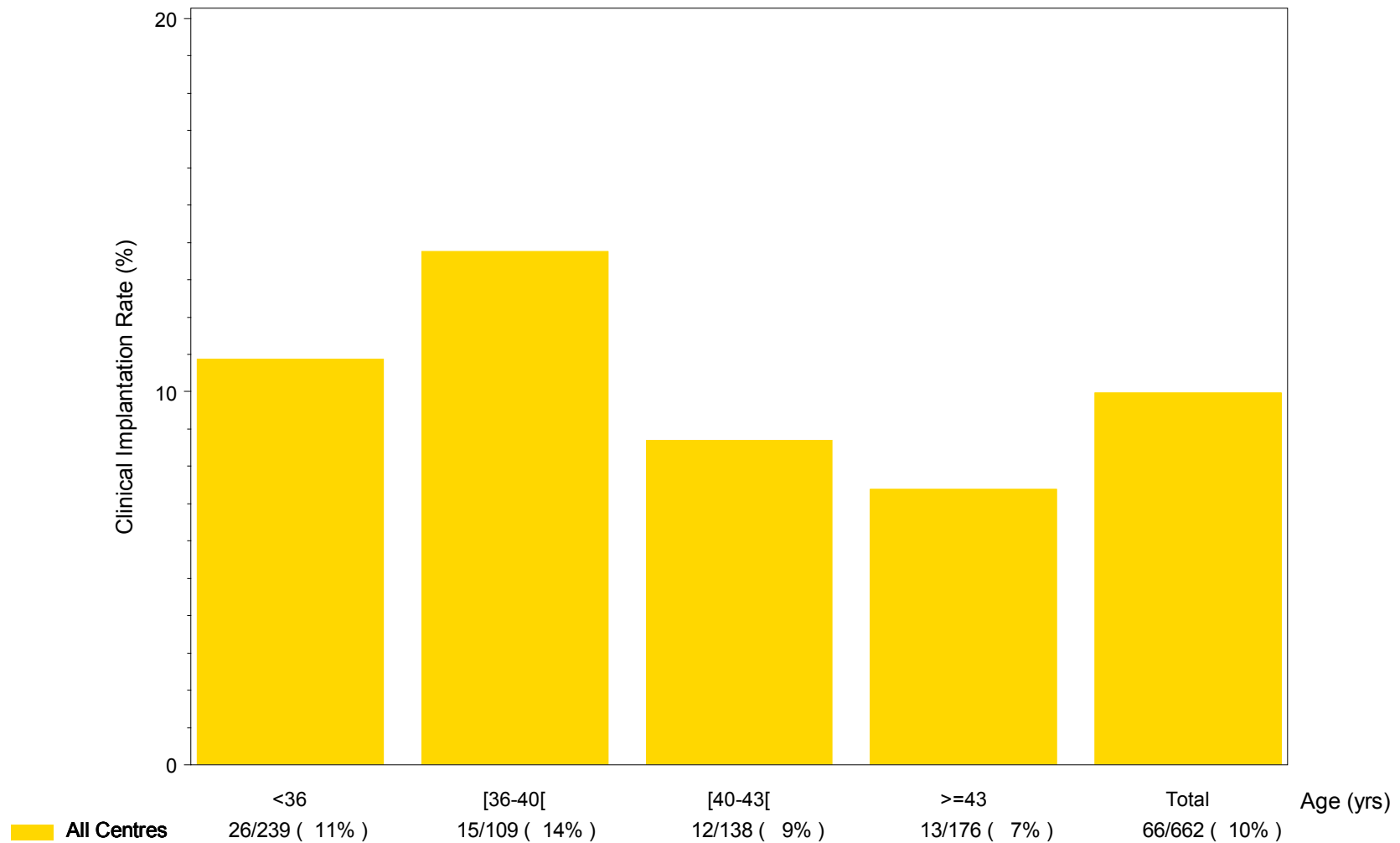
In the calculation of the ratios, only cycles with available data are considered. In the line underneath, the range expresses the minimum and maximum possible rates when accounting for missing data by considering missing delivery as negative and positive, respectively.

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



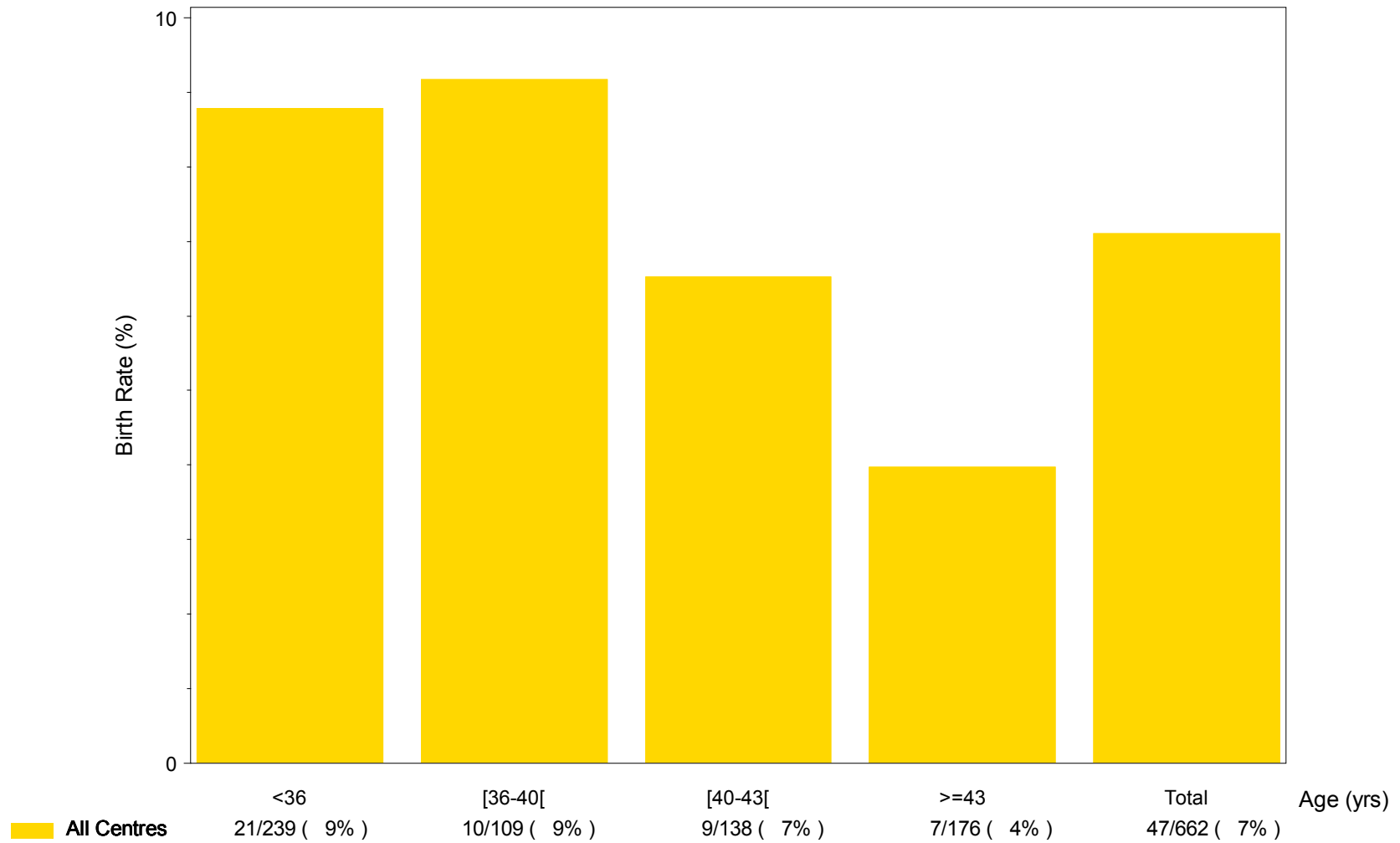
n/N (%) where n = Total number of uterine sacs; N = Total number of embryos transferred; %= n*100/N; NA = No cycles with data available.

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



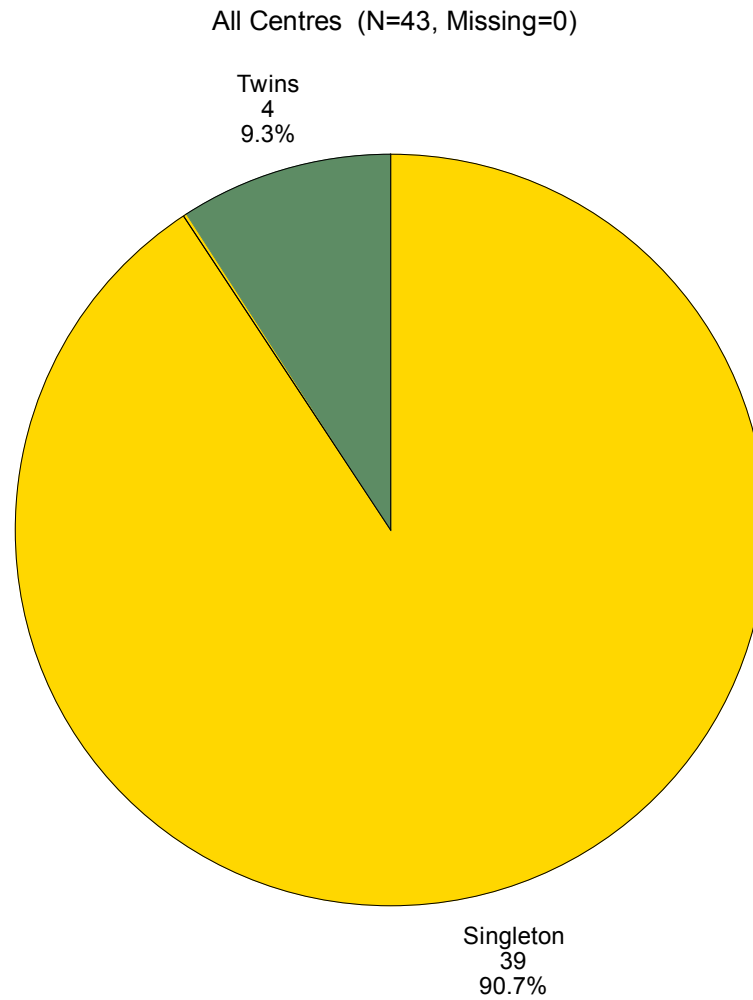
n/N (%) where n = Total number of FHB; N = Total number of embryos transferred; %= n*100/N; NA = No cycles with data available.

Figure 5.11 Cryo recipient cycles (donor eggs): Birth rate per transferred embryo according to age



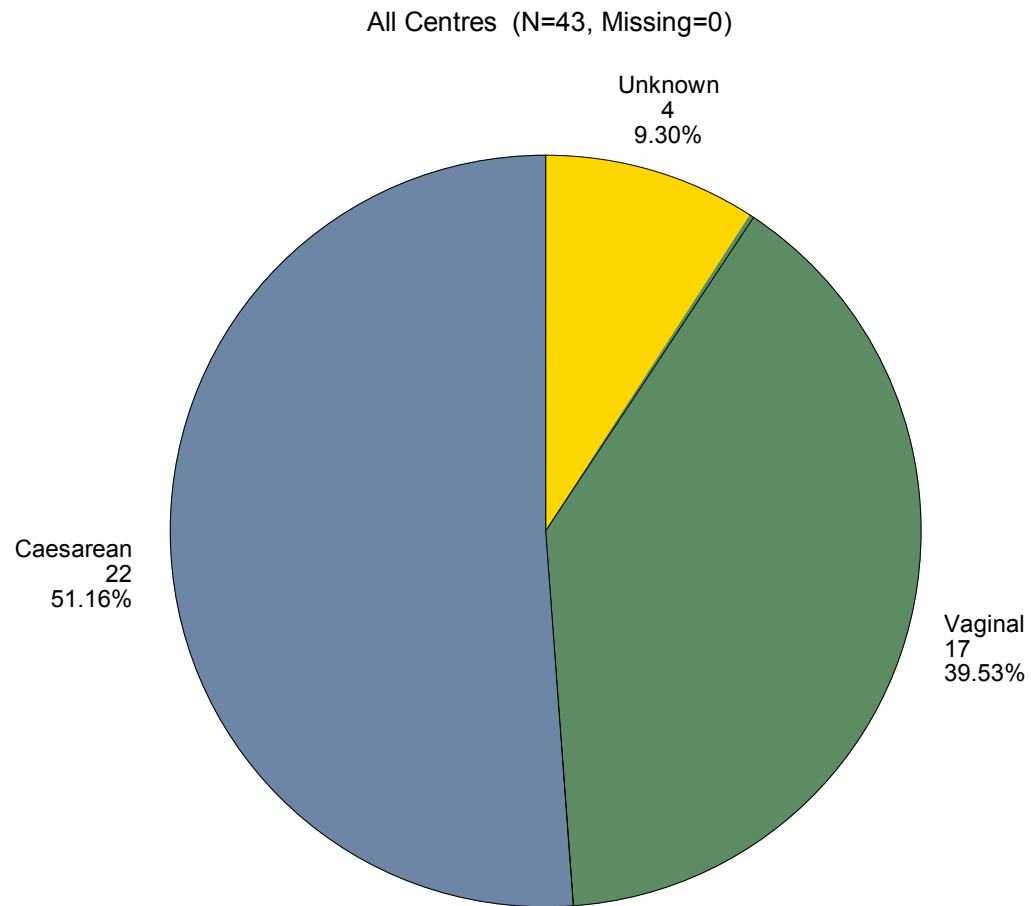
n/N (%) where n = Total number of babies; N = Total number of embryos transferred; %= n*100/N; NA = No cycles with data available.

Figure 5.12 Cryo recipient cycles (donor eggs): Number of deliveries



Deliveries of twins or triplets are only counted once.

Table 5.13 Cryo recipient cycles (donor eggs): Type of deliveries



Deliveries of twins or triplets are only counted once.

Table 5.14 Cryo recipient cycles (donor eggs): Sex of babies

All Centres (N=47, Missing=0)	
Sex of baby	
Male	23/47 (48.94%)
Female	22/47 (46.81%)
Unknown	2/47 (4.26%)

Table 5.15 Cryo recipient cycles (donor eggs): Birth weight

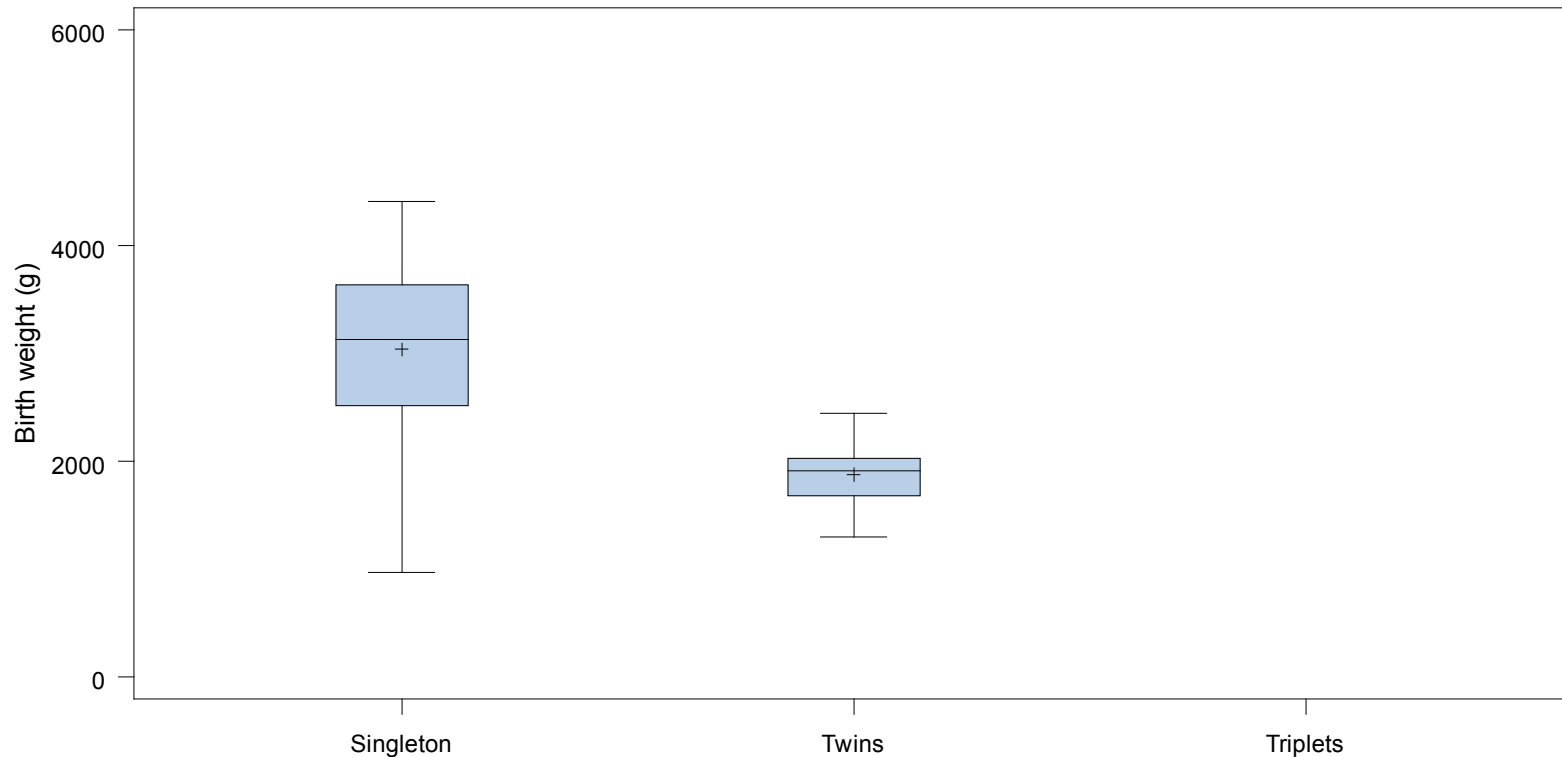
	Statistic	All Centres (N=40, Missing=7)
Birth Weight (g)		
Singletons	N	34
	Mean	3037.6
	Std	773.96
	Median	3135.0
	IQR	(2520.0; 3640.0)
Twins	N	6
	Mean	1880.0
	Std	386.69
	Median	1910.0
	IQR	(1680.0; 2030.0)

Table 5.16 Cryo recipient cycles (donor eggs): Gestational age at delivery

	Statistic	All Centres (N=43, Missing=0)
Gestational age at delivery (weeks)		
Singletons	N	39
	Mean	38.0
	Std	2.41
	Median	38.0
	IQR	(37.1; 39.7)
Twins	N	4
	Mean	34.9
	Std	2.89
	Median	35.6
	IQR	(32.6; 37.1)

Twin or triplet birth is counted as one birth event.

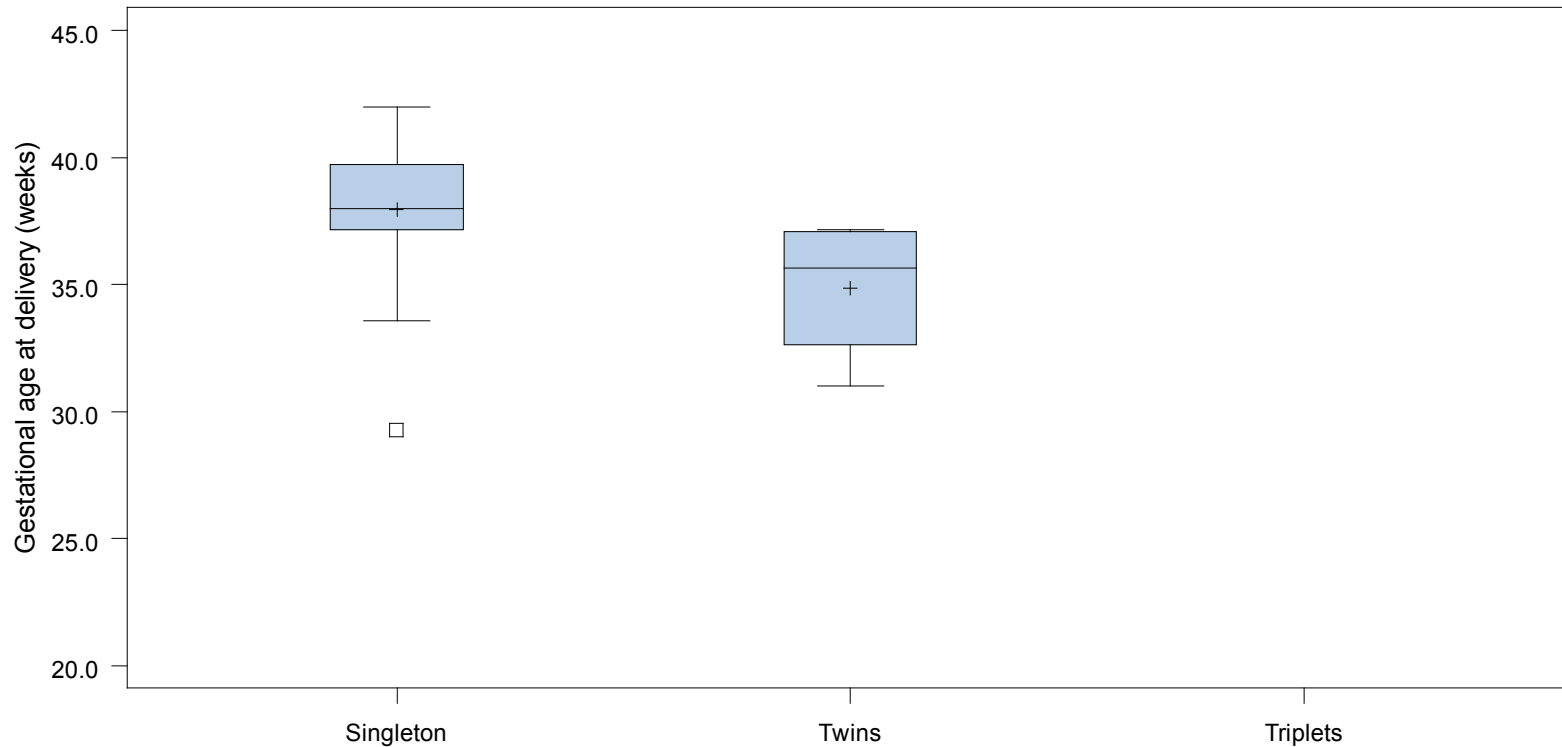
Figure 5.17 Cryo recipient cycles (donor eggs): Birth weight (boxplot)



	Singleton	Twins	Triplets
N	34	6	
Missing	5	2	
Mean	3037.6	1880.0	
SD	773.96	386.69	
Median	3135.0	1910.0	
(Min,Max)	(965,4410)	(1300,2450)	
(Q1,Q3)	(2520,3640)	(1680,2030)	

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 (donor eggs): Gestational age at delivery (boxplot)



	Singleton	Twins	Triplets
All Centres			
N	39	4	
Missing	0	0	
Mean	38.0	34.9	
SD	2.41	2.89	
Median	38.0	35.6	
(Min,Max)	(29,42)	(31,37)	
(Q1,Q3)	(37,40)	(33,37)	

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 (donor eggs): Prevalence of preterm birth according to type of delivery

Gestational age at delivery (weeks)	Type of delivery			Total birth events
	Single birth event	Twin birth event	Triplet birth event	
All Centres (N=43, Missing=0)				
< 32	1 (2.6%)	1 (25.0%)	NA	2 (4.7%)
[32-37[	7 (17.9%)	1 (25.0%)	NA	8 (18.6%)
>=37	31 (79.5%)	2 (50.0%)	NA	33 (76.7%)
Total	39 (100.0%)	4 (100.0%)	NA	43 (100.0%)

Twin or triplet birth is counted as one birth event.

Table 5.20 Cryo recipient cycles (donor eggs): Prevalence of low birth weight according to type of delivery

Birth weight (g)	Type of delivery			Total
	Singletons	Twins	Triplets	
All Centres (N=40, Missing=7)				
< 1500	2 (5.9%)	1 (16.7%)	NA	3 (7.5%)
[1500-2500[	6 (17.6%)	5 (83.3%)	NA	11 (27.5%)
>= 2500	26 (76.5%)	NA	NA	26 (65.0%)
Total	34 (100.0%)	6 (100.0%)	NA	40 (100.0%)

NA: no data available

Section 6: Fresh donor cycles

Table 6.1 Fresh donor cycles: Overview of cycles

Cycle	All Centres
Initiated	653 (100.0%)
Cancelled	36 (5.5%)
At least one oocyte received	617 (94.5%)

Figure 6.2 Fresh donor cycles: Female age distribution

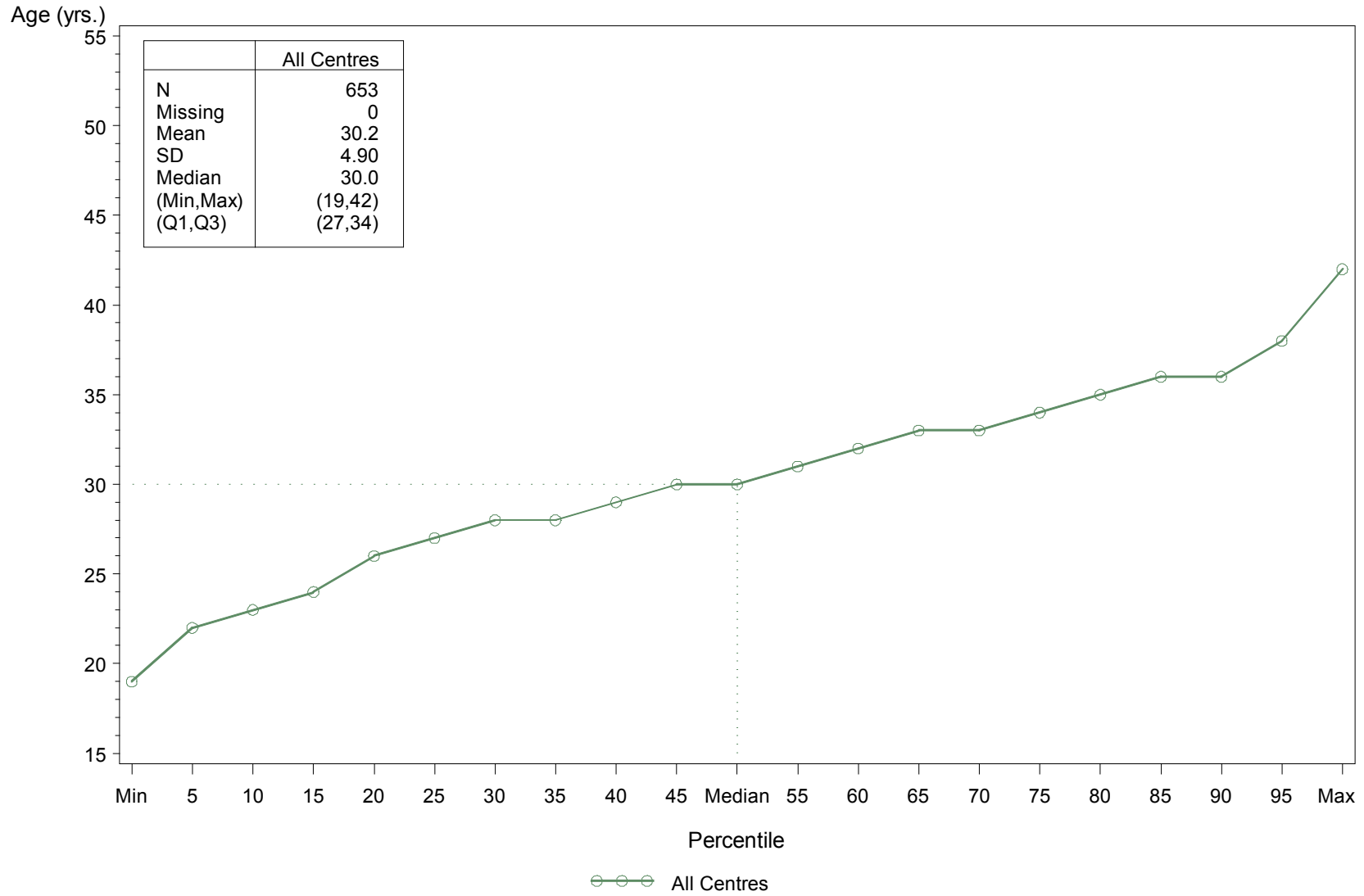


Table 6.3 Fresh donor cycles: Pituitary inhibition

All Centres (N=652, Missing=1)

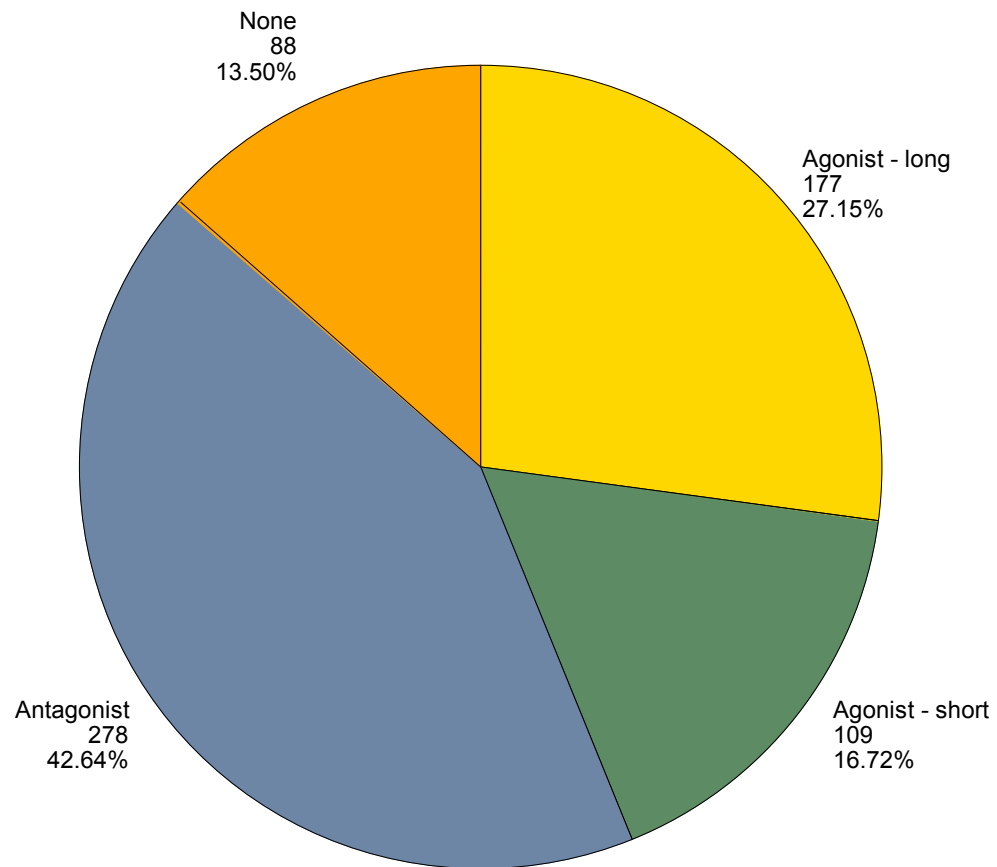
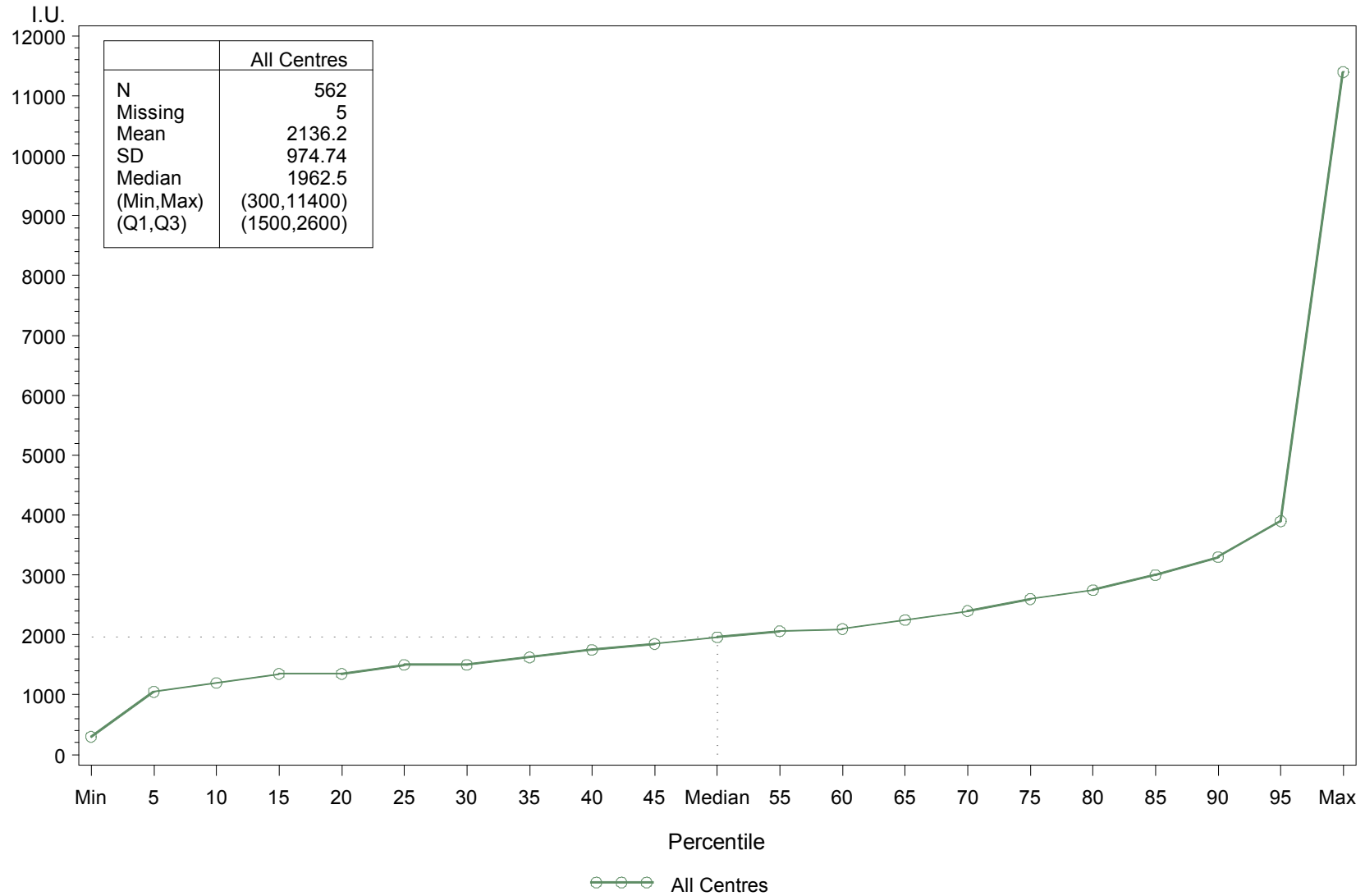


Table 6.4 Fresh donor cycles: Stimulation protocol

	Statistic	All Centres (N=652, Missing=1)
Stimulation protocol		
Gonadotrophins	n/N (%)	541/652 (82.98%)
Clomiphene + Gonadotrophins	n/N (%)	12/652 (1.84%)
Aromatase Inhibitor + Gonadotrophins	n/N (%)	14/652 (2.15%)
Substitution	n/N (%)	1/652 (0.15%)
None	n/N (%)	17/652 (2.61%)
Other	n/N (%)	67/652 (10.28%)

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



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 $\geq 500\text{g}$ 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 - Fertilitetskliniek, Algemeen Ziekenhuis Sint-Jan
Brussel	Centrum voor Reproductieve 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 Fertilitetstherapie, 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

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Collège de Médecins "Médecine de la Reproduction"

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Data handling and analysis

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