

# **Report of the College of Physicians for Assisted Reproduction Therapy**

## **Belgium 2006**

### Version 1.2

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**Section 1: General overview**

**Table 1.1 All cycles: Type of cycles**

	Statistic	Total (N=25039)	All Centres	
			With social security (N=20317)	Without social security (N=4722)
Own fresh cycle	n (%)	17504 ( 69.91%)	14217 ( 69.98%)	3287 ( 69.61%)
Own cryo cycle	n (%)	6020 ( 24.04%)	5170 ( 25.45%)	850 ( 18.00%)
Fresh recipient cycle	n (%)	697 ( 2.78%)	400 ( 1.97%)	297 ( 6.29%)
Cryo recipient cycle	n (%)	200 ( 0.80%)	144 ( 0.71%)	56 ( 1.19%)
Fresh Donor cycle	n (%)	507 ( 2.02%)	303 ( 1.49%)	204 ( 4.32%)
Fresh sharing cycle	n (%)	11 ( 0.04%)	8 ( 0.04%)	3 ( 0.06%)
Mixed (fresh + thawed) cycle	n (%)	41 ( 0.16%)	36 ( 0.18%)	5 ( 0.11%)
Unspecified fresh cycle	n (%)	14 ( 0.06%)	12 ( 0.06%)	2 ( 0.04%)
Unspecified cryo cycle	n (%)	10 ( 0.04%)	8 ( 0.04%)	2 ( 0.04%)
Unknown cycle type	n (%)	35 ( 0.14%)	19 ( 0.09%)	16 ( 0.34%)

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

	<b>All Centres (N=15611, Missing=1098)</b>		
	<b>Patients with Social Security</b>	<b>Patients without Social Security</b>	<b>Total</b>
	<b>N (%)</b>	<b>N (%)</b>	<b>N</b>
<b>All ages &amp; ranks</b>	13152 (84.2%)	2459 (15.8%)	15611
<b>&lt; 43 years old &amp; rank &lt; 7</b>	12331 (95.2%)	623 (4.8%)	12954
<b>&lt; 43 years old &amp; rank &gt;=7</b>	683 (29.3%)	1647 (70.7%)	2330
<b>&gt;= 43 years old</b>	138 (42.2%)	189 (57.8%)	327

Note: Cancelled cycles are not included in the table.

## Section 2: own fresh cycles

Table 2.1 Own fresh cycles: Overview of cycles

Cycle	All Centres
Initiated	17504 (100.0%)
Cancelled	1409 (8.0%)
Aspiration	16095 (92.0%)
Embryo Transfer	14304 (81.7%)

Figure 2.2 Own fresh cycles: Female age and laborank

All Centres (N=15680, Missing=1824)

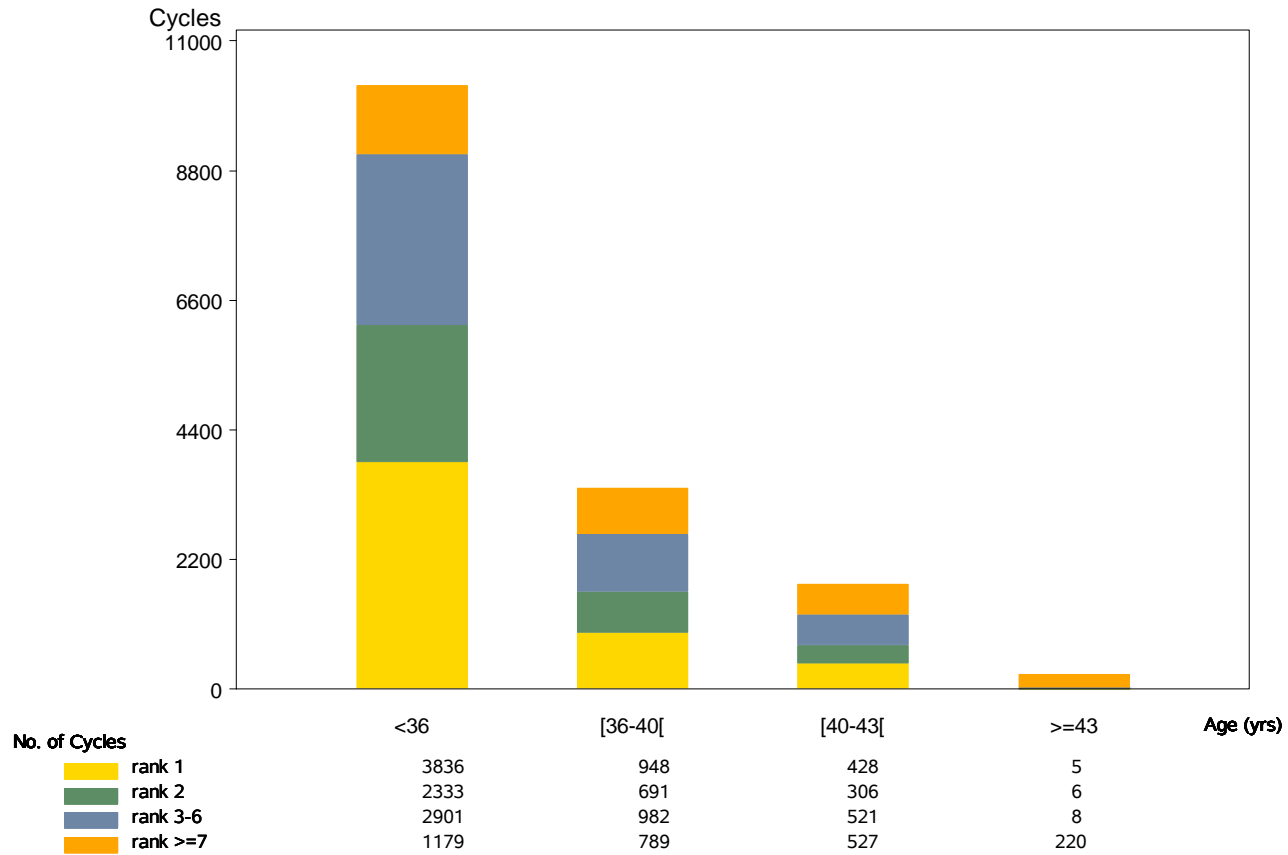
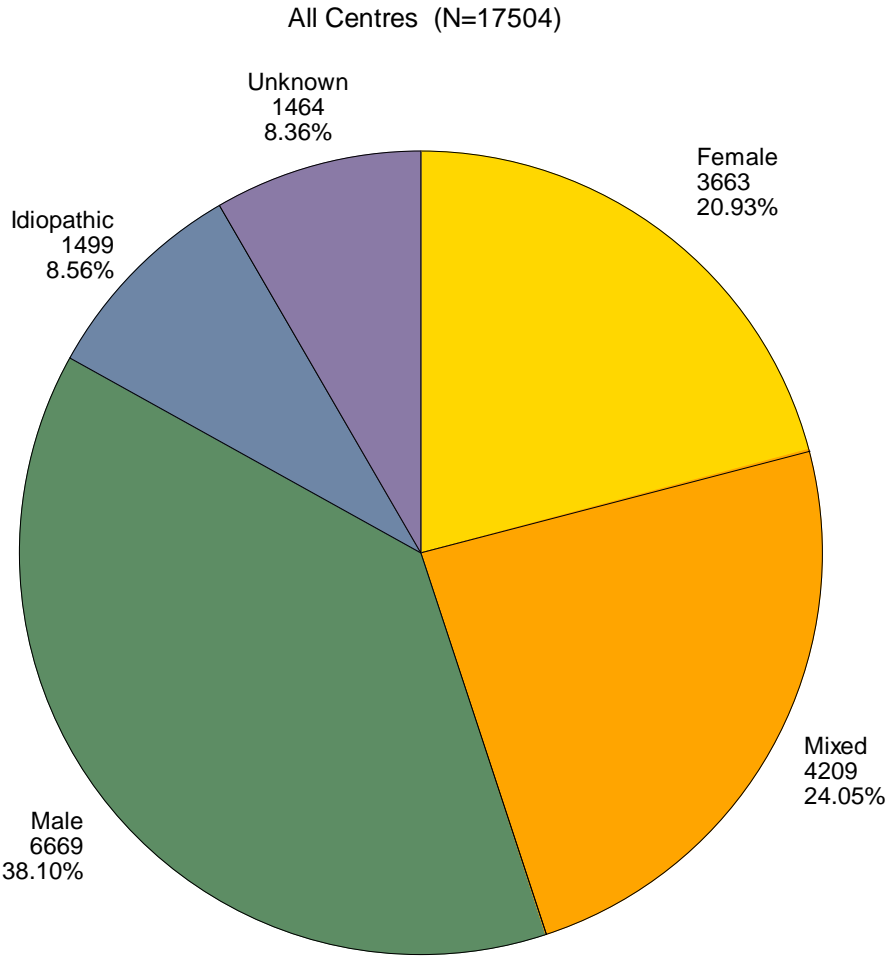


Figure 2.3 Own fresh cycles: Indications of ART



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

	<b>Statistic</b>	<b>All Centres</b>
<b>Female pathology</b>	N	7871
Tubal	n/N (%)	3064/6924 ( 44.25%)
Endometriosis	n/N (%)	2093/6739 ( 31.06%)
Ovulatory	n/N (%)	1689/6487 ( 26.04%)
Other	n/N (%)	1625/5930 ( 27.40%)
Premature Ovarian Failure	n/N (%)	300/6547 ( 4.58%)
Genetic anomaly	n/N (%)	387/4477 ( 8.64%)
Immunological	n/N (%)	31/4238 ( 0.73%)
<b>Male pathology</b>	N	10876
Genetic anomaly	n/N (%)	374/7623 ( 4.91%)
Sperm abnormality	n/N (%)	10612/10839 ( 97.91%)
Immunological	n/N (%)	104/8757 ( 1.19%)

Some patients have more than one cause identified per cycle.

Figure 2.5 Own fresh cycles: Female age distribution

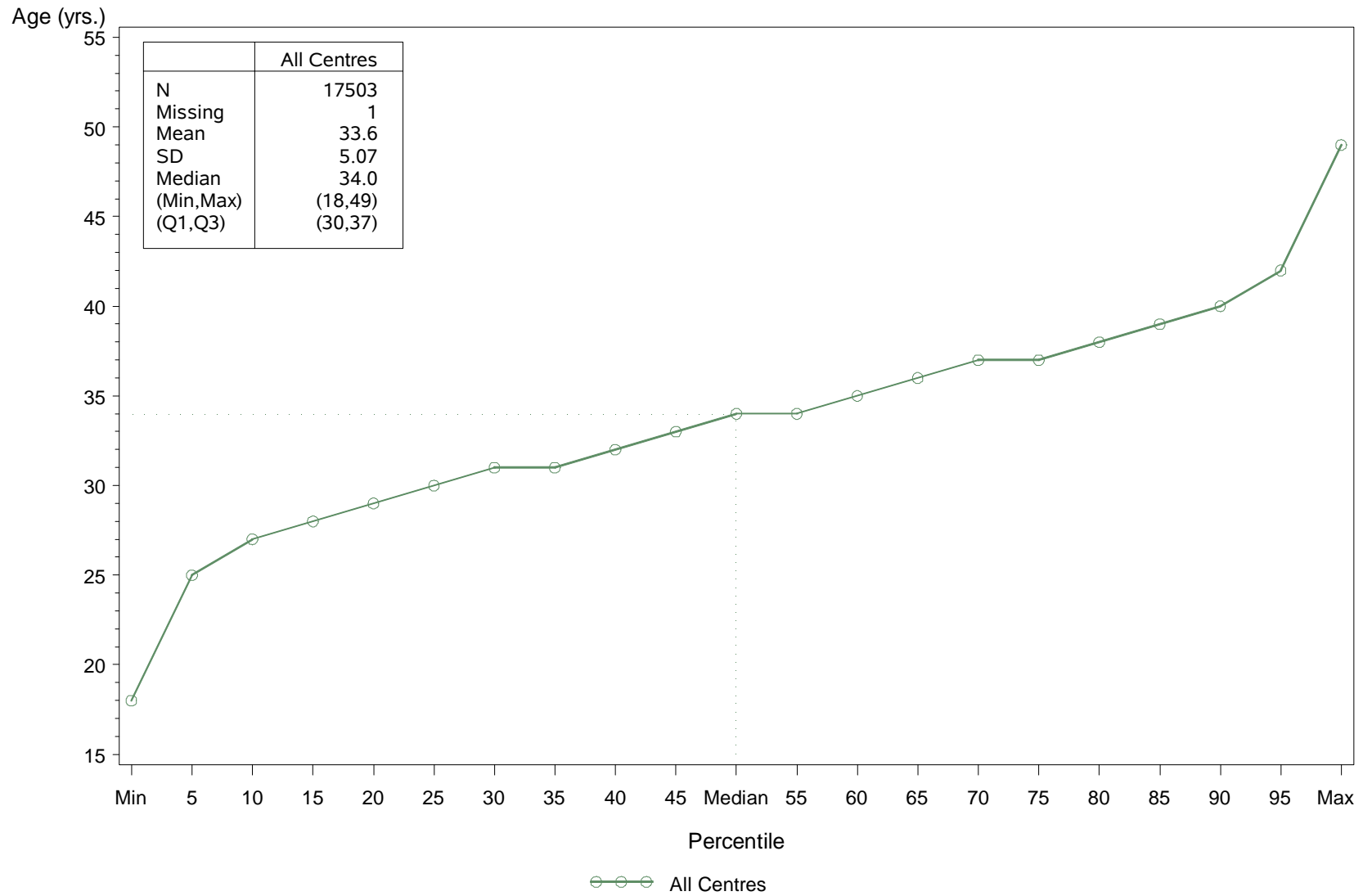
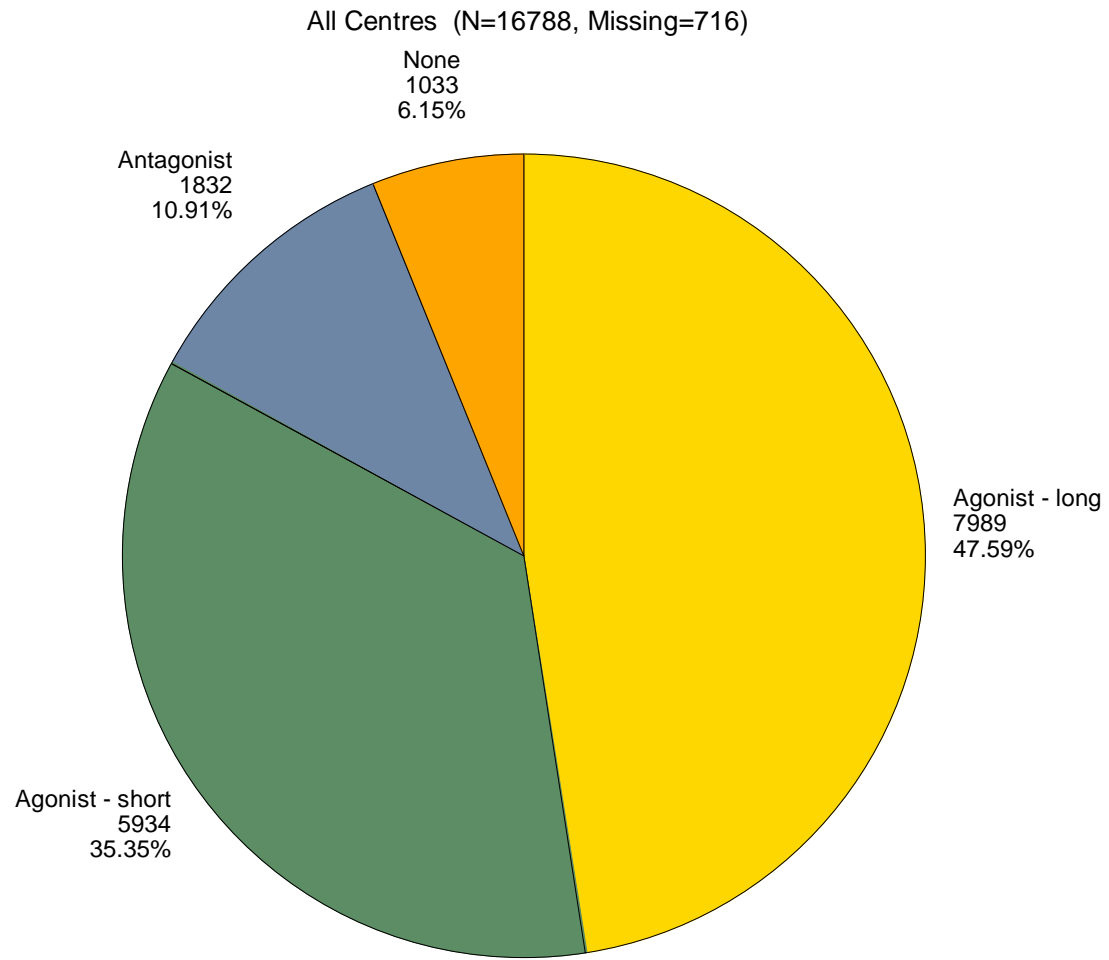


Figure 2.6 Own fresh cycles: Pituitary inhibition



**Table 2.7 Own fresh cycles: Stimulation protocol**

	<b>Statistic</b>	<b>All Centres (N=16638, Missing=866)</b>
<b>Stimulation protocol</b>		
Clomiphene	n/N (%)	33/16638 ( 0.20%)
Gonadotrophins	n/N (%)	15018/16638 ( 90.26%)
Gonadotrophins recombinant	n/N (%)	181/16638 ( 1.09%)
Gonadotrophins urinary	n/N (%)	564/16638 ( 3.39%)
Clomiphene + Gonadotrophins	n/N (%)	187/16638 ( 1.12%)
Aromatase Inhibitor + Gonadotrophins	n/N (%)	43/16638 ( 0.26%)
Substitution	n/N (%)	12/16638 ( 0.07%)
None	n/N (%)	536/16638 ( 3.22%)
Other	n/N (%)	64/16638 ( 0.38%)

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

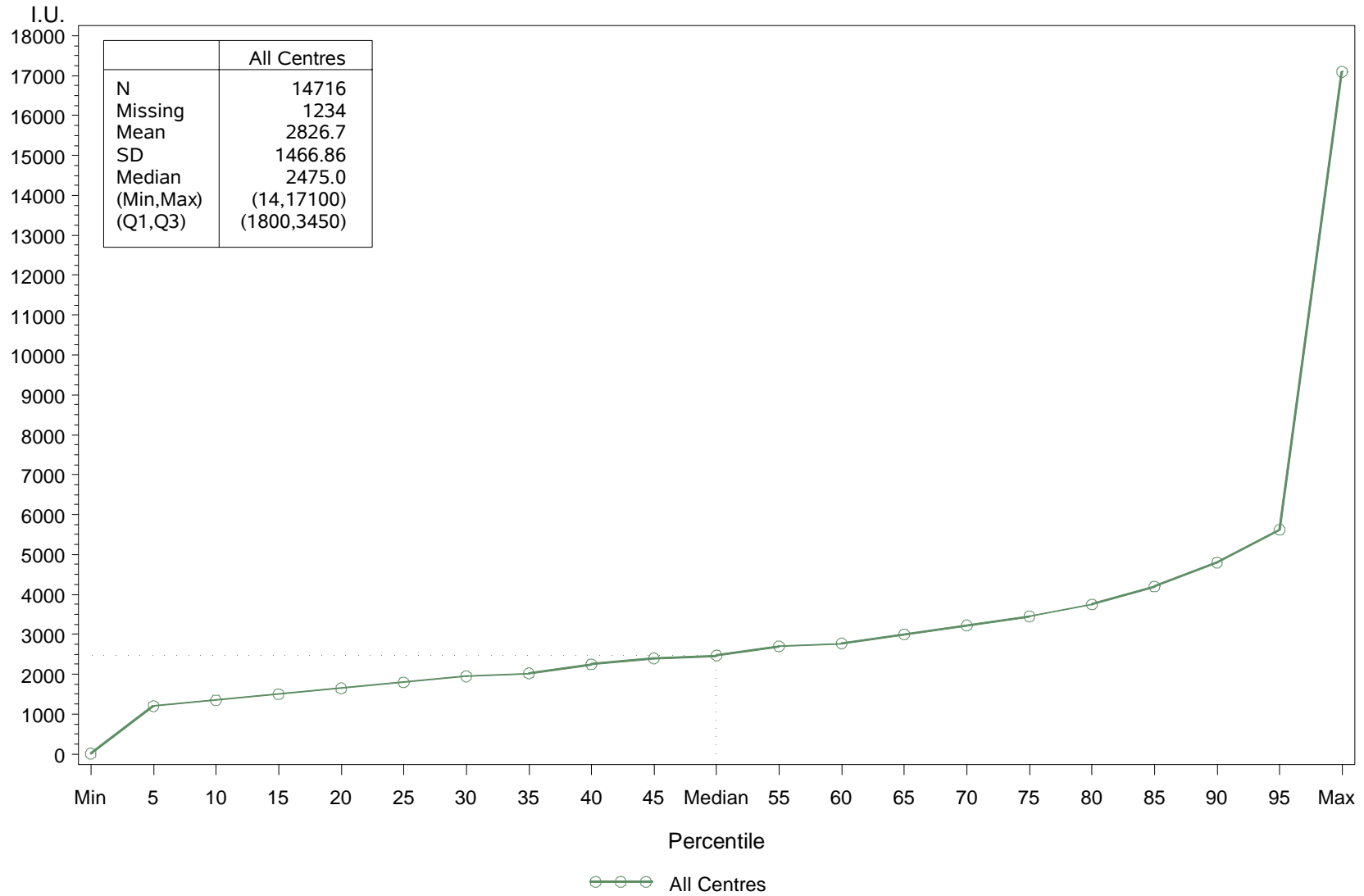
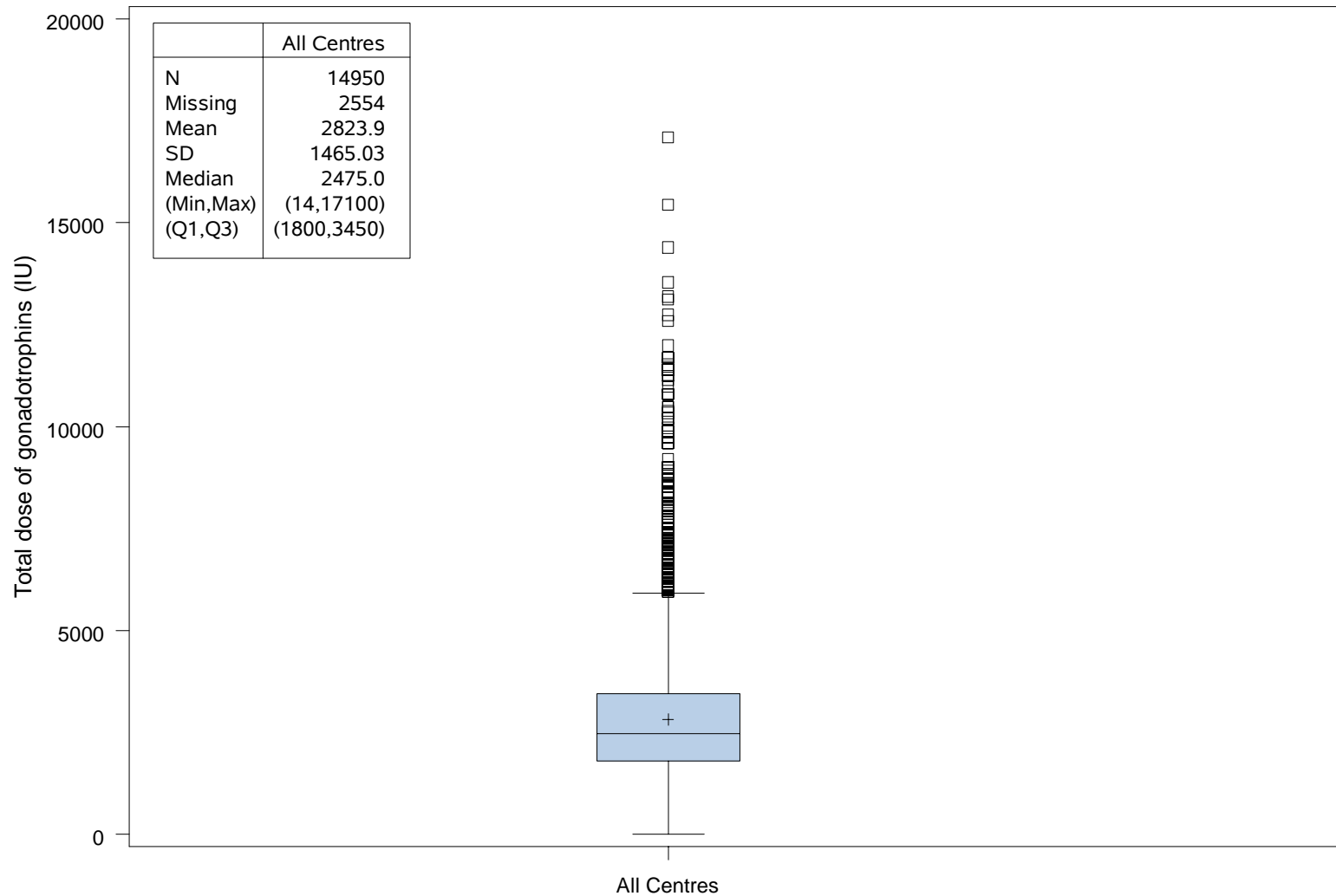


Figure 2.9 Own fresh cycles: Total dose of Gonadotrophins (boxplot)



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 2.10 Own fresh cycles: Methods of fertilization**

	<b>Statistic</b>	<b>All Centres (N=15534, Missing=190)</b>
Method of fertilization		
IVF	n/N (%)	3617/15534 ( 23.28%)
ICSI	n/N (%)	11143/15534 ( 71.73%)
Mixed (IVF + ICSI)	n/N (%)	774/15534 ( 4.98%)

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**

Sperm	All Centres (N=9090, Missing=1518)					
	Fresh		Thawed		Total	
	N	%	N	%	N	%
<b>Ejaculated</b>	8147	95.91	347	4.09	8494	93.44
<b>Surgical retrieved</b>	193	32.38	403	67.62	596	6.56
<b>Total</b>	8340	91.75	750	8.25	9090	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) Rank	<36					[36-40[					[40-43[					Total	Total
	1	2	3-6	>=7	Total	1	2	3-6	>=7	Total	1	2	3-6	>=7	Total		
<b>All Centres (N=15680, Missing=1824)</b>																	
Initiated cycles	3836	2333	2901	1179	10249	948	691	982	789	3410	428	306	521	527	1782	239	15680
Aspirations	3764	2302	2873	991	9930	917	674	976	698	3265	407	298	504	456	1665	213	15073
Transfers	3500	2149	2680	818	9147	834	594	867	557	2852	351	264	451	344	1410	155	13564
Embryos transferred																	
1	3418	1249	572	327	5566	304	163	191	138	796	96	70	106	67	339	43	6744
2	64	886	2076	398	3424	507	411	452	278	1648	150	95	146	97	488	42	5602
3	1	0	22	82	105	13	17	218	133	381	96	89	174	153	512	51	1049
>3	0	1	0	5	6	1	0	2	4	7	9	9	23	24	65	19	97
Unknown	17	13	10	6	46	9	3	4	4	20	0	1	2	3	6	0	72

**Table 2.13 Own fresh cycles: Transfers by social security**

<b>All Centres (N=17504, Missing=0)</b>			
	<b>With social security</b>	<b>Without social security</b>	<b>Total</b>
Initiated cycles	14217	3287	17504
Aspirations	13139	2956	16095
Transfers	11755	2549	14304
Embryos transferred			
1	6190	811	7001
2	4783	1184	5967
3	674	463	1137
>3	53	67	120
Unknown	55	24	79

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

All Centres (N=9101, Missing=433)

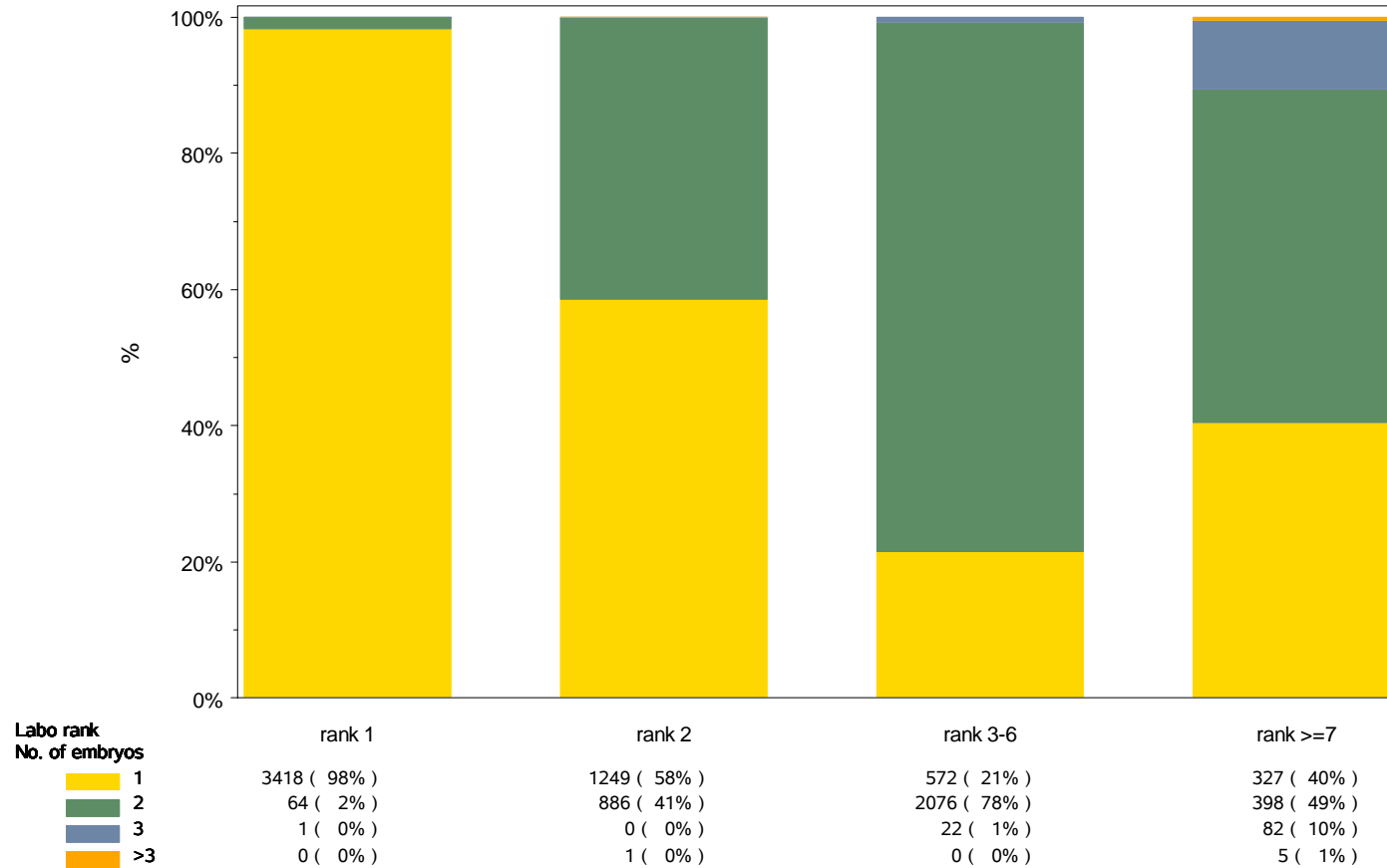


Figure 2.15 Own fresh cycles: Embryos transferred women 36-40 years old

All Centres (N=2832, Missing=210)

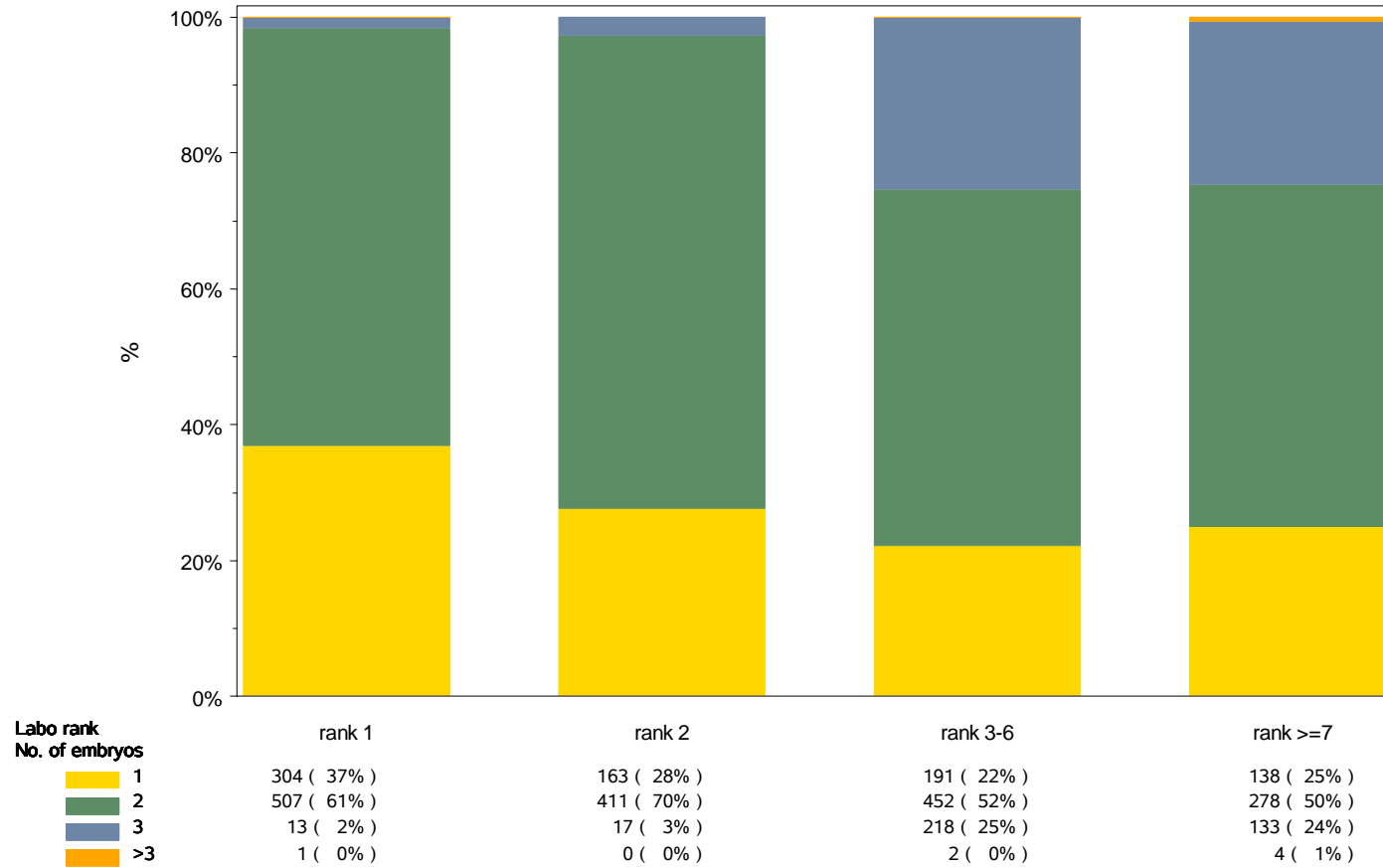
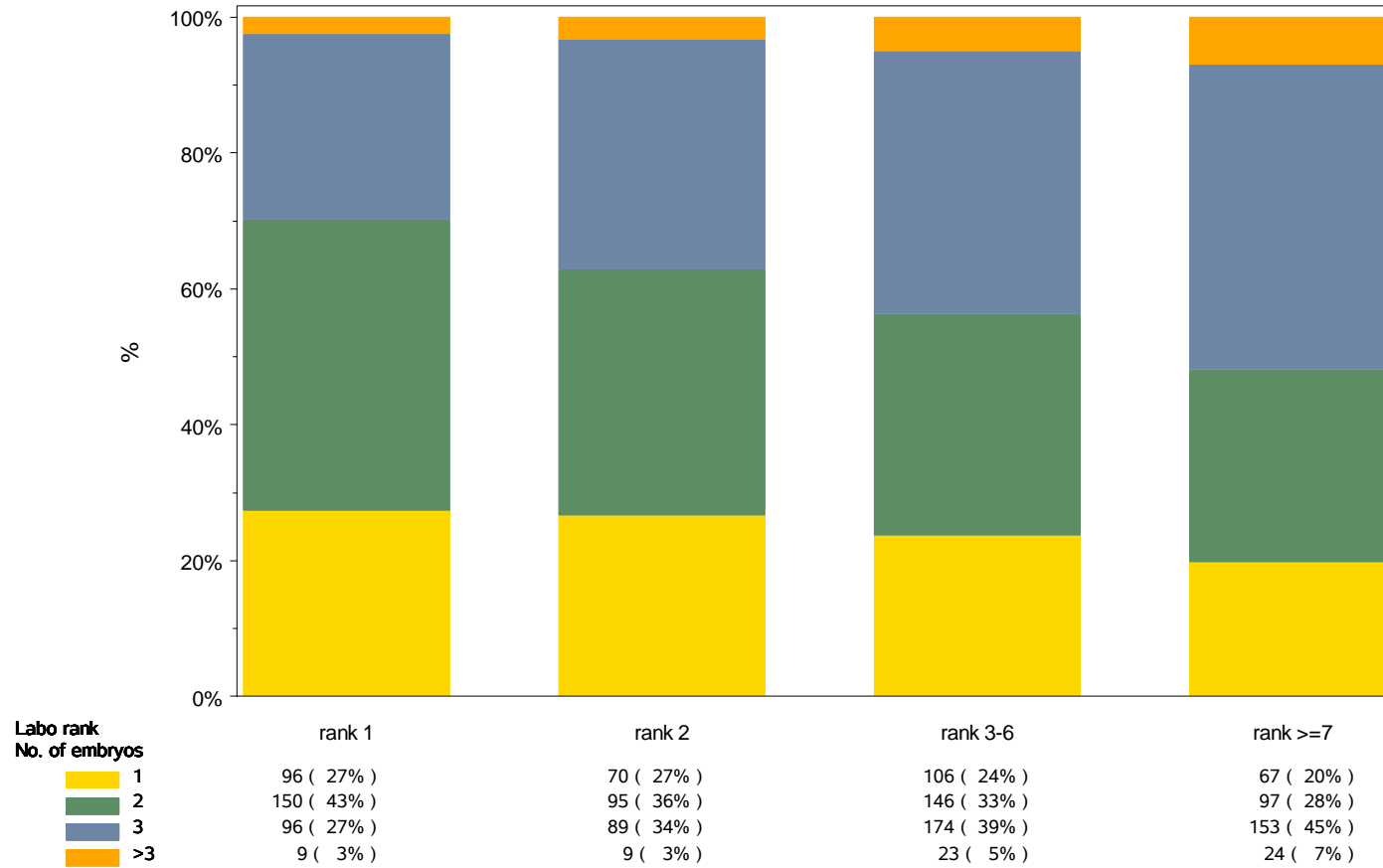


Figure 2.16 Own fresh cycles: Embryos transferred women 40-43 years old

All Centres (N=1404, Missing=110)



**Table 2.17 Own fresh cycles: Laboratory data**

<b>All Centres (N=17504, Missing=0)</b>						
	<b>Oocytes retrieved</b>	<b>Oocytes inseminated (IVF, ICSI or mixed)</b>	<b>2 PN oocytes</b>	<b>Transferred embryos</b>	<b>Cryopreserved embryos</b>	
n	152165	132273	84912	22869	26266	
%	100.0%	86.9%	55.8%	15.0%	17.3%	
per initiated cycle	8.7	7.6	4.9	1.3	1.5	

Figure 2.18 Own fresh cycles: Summary pick-up cycles

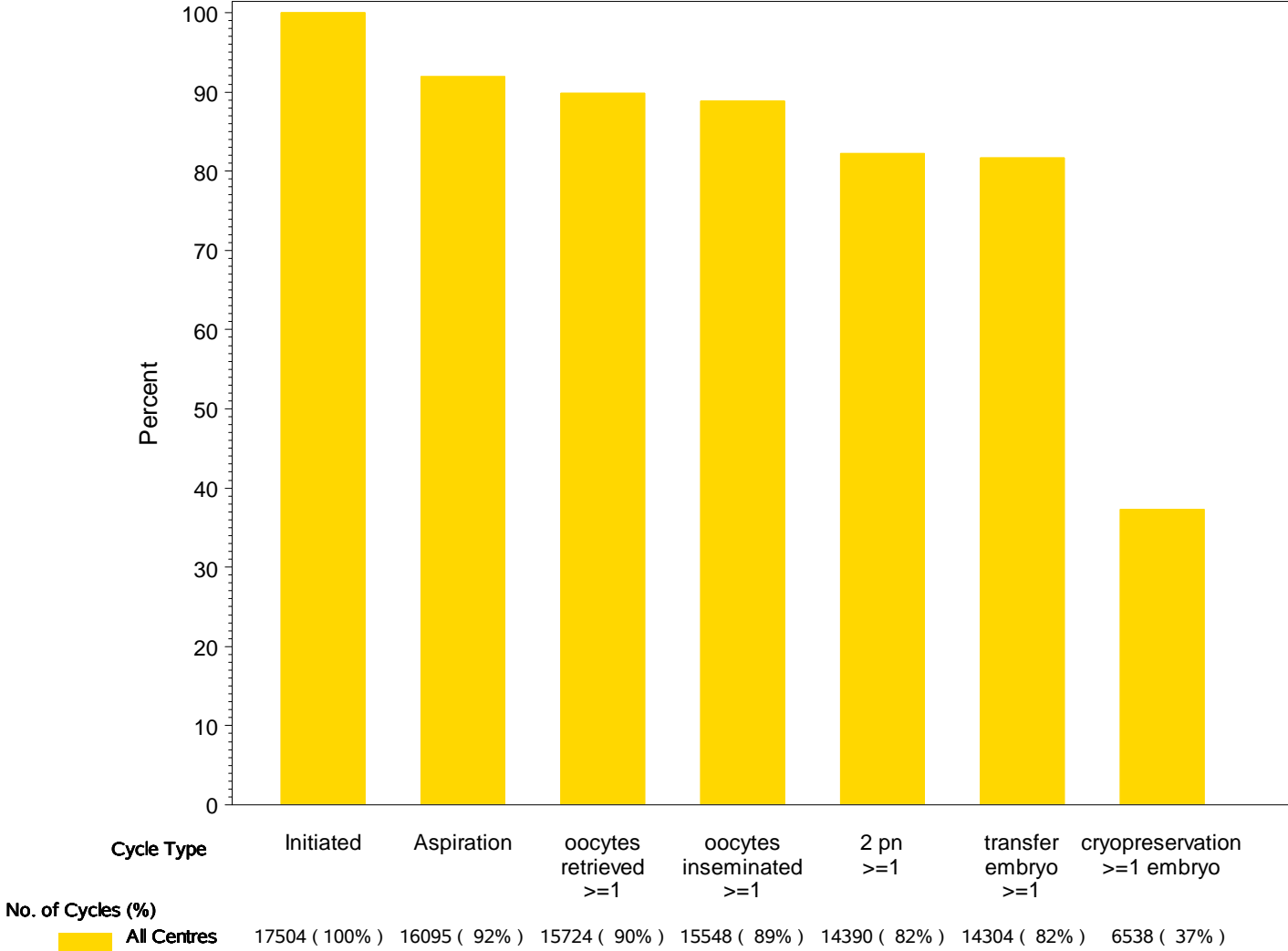
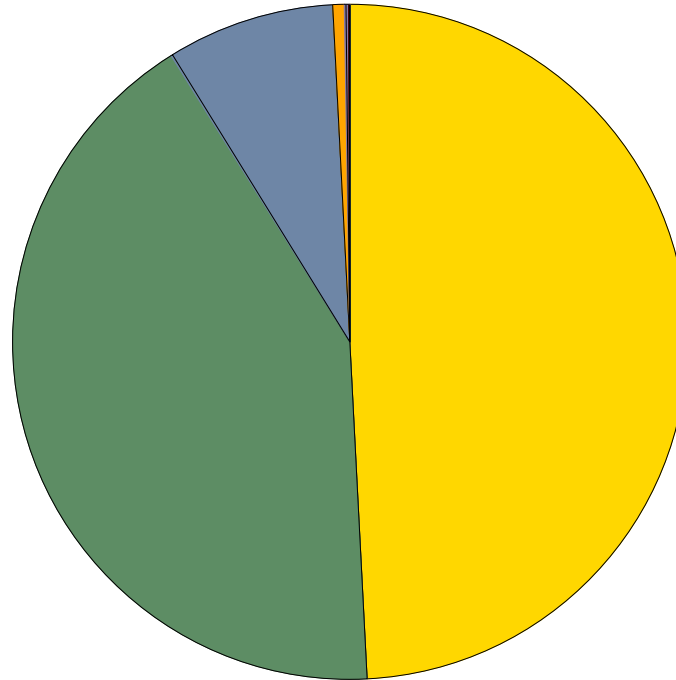


Figure 2.19 Own fresh cycles: Distribution of embryo transfers

All Centres (N=14225, Missing=79)



Number of embryos transferred

1 embryo	: n (%) = 7001 (49.22%)
2 embryos	: n (%) = 5967 (41.95%)
3 embryos	: n (%) = 1137 (7.99%)
4 embryos	: n (%) = 91 (0.64%)
5 embryos	: n (%) = 17 (0.12%)
6 embryos	: n (%) = 11 (0.08%)
8 embryos	: n (%) = 1 (0.01%)

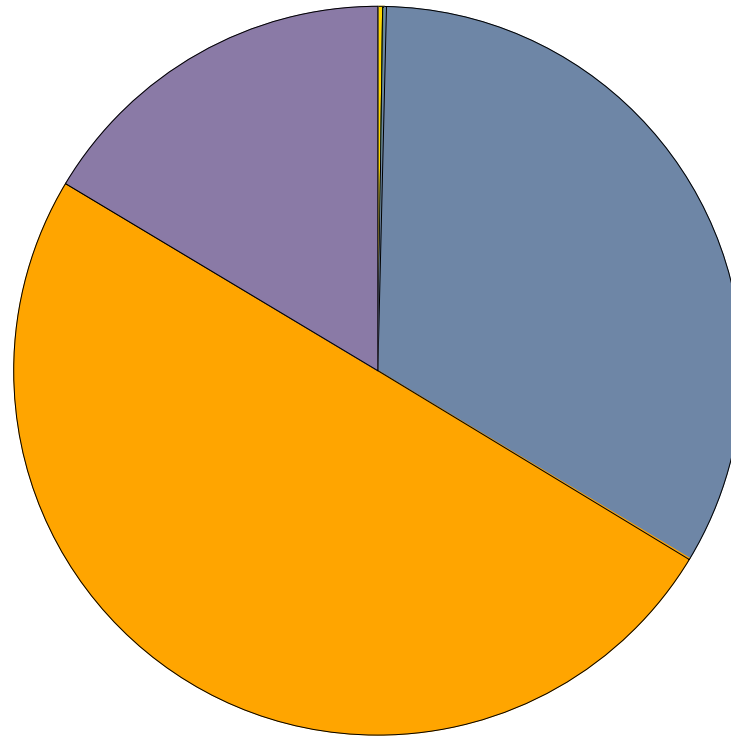
**Table 2.20 Own fresh cycles: Cause of no transfer**

	<b>Statistic</b>	<b>All Centres</b>
<b>No Transfer</b>	N	1657
No oocyte	n/N (%)	227/1657 ( 13.70%)
No sperm	n/N (%)	67/1657 ( 4.04%)
No transferable embryo available	n/N (%)	1147/1657 ( 69.22%)
OHSS risk	n/N (%)	59/1657 ( 3.56%)
Other reason	n/N (%)	303/1657 ( 18.29%)
Unknown	n/N (%)	29/1657 ( 1.75%)






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

Figure 2.21 Own fresh cycles: Day of embryos transfer

All Centres (N=14254, Missing=50)



Day of Embryo Transfer

	Day 0: n (%) = 28 ( 0.20%)
	Day 1: n (%) = 22 ( 0.15%)
	Day 2: n (%) = 4751 ( 33.33%)
	Day 3: n (%) = 7111 ( 49.89%)
	Day 4-5-6-7: n (%) = 2342 ( 16.43%)

**Table 2.22 Own fresh cycles: Cycles with cryopreservation**

	<b>All Centres (N=15364, Missing=360)</b>
<b>Number of cycles with cryopreservation</b>	6533/15364 ( 43% )
<b>Number of embryos cryopreserved</b>	26241
<b>Number of embryos per cryopreservation procedure</b>	
Median	3.0
IQR	(2.0; 5.0)
<b>Stage of the cryopreserved embryos</b>	
2 PN	2219/26241 ( 8% )
Cleaved	20538/26241 ( 78% )
Blastocysts	3484/26241 ( 13% )
<b>Percent freezing of non transferred embryos</b>	26241/129288 ( 20% )

Based on all cycles with at least one oocyte retrieved.

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

Rank	1	2	3-6	>=7	Total
<b>&lt; 36 (yrs)</b>					
<b>All Centres (N=10249, Missing=885)</b>					
Cycles	3836	2333	2901	1179	10249
Aspiration	3764	2302	2873	991	9930
Transfers	3500	2149	2680	818	9147
HCG + per initiated cycle	1400/3816 (36.7%) (36.5% - 37.0%)	844/2324 (36.3%) (36.2% - 36.6%)	962/2888 (33.3%) (33.2% - 33.6%)	331/1163 (28.5%) (28.1% - 29.4%)	3537/10191 (34.7%) (34.5% - 35.1%)
HCG + per aspiration cycle	1400/3744 (37.4%) (37.2% - 37.7%)	844/2293 (36.8%) (36.7% - 37.1%)	962/2860 (33.6%) (33.5% - 33.9%)	331/975 (33.9%) (33.4% - 35.0%)	3537/9872 (35.8%) (35.6% - 36.2%)
HCG + per embryo transfer	1400/3485 (40.2%) (40.0% - 40.4%)	844/2143 (39.4%) (39.3% - 39.6%)	962/2669 (36.0%) (35.9% - 36.3%)	331/805 (41.1%) (40.5% - 42.1%)	3537/9102 (38.9%) (38.7% - 39.2%)

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

Rank	1	2	3-6	>=7	Total
<b>[36-40] (yrs)</b>					
<b>All Centres (N=3410, Missing=467)</b>					
Cycles	948	691	982	789	3410
Aspiration	917	674	976	698	3265
Transfers	834	594	867	557	2852
HCG + per initiated cycle	289/934 (30.9%) (30.5% - 32.0%)	203/680 (29.9%) (29.4% - 31.0%)	264/969 (27.2%) (26.9% - 28.2%)	218/777 (28.1%) (27.6% - 29.2%)	974/3360 (29.0%) (28.6% - 30.0%)
HCG + per aspiration cycle	289/903 (32.0%) (31.5% - 33.0%)	203/663 (30.6%) (30.1% - 31.8%)	264/963 (27.4%) (27.0% - 28.4%)	218/686 (31.8%) (31.2% - 33.0%)	974/3215 (30.3%) (29.8% - 31.4%)
HCG + per embryo transfer	289/825 (35.0%) (34.7% - 35.7%)	203/588 (34.5%) (34.2% - 35.2%)	264/860 (30.7%) (30.4% - 31.3%)	218/549 (39.7%) (39.1% - 40.6%)	974/2822 (34.5%) (34.2% - 35.2%)

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

Rank	1	2	3-6	>=7	Total
<b>[40-43] (yrs)</b>					
<b>All Centres (N=1782, Missing=343)</b>					
Cycles	428	306	521	527	1782
Aspiration	407	298	504	456	1665
Transfers	351	264	451	344	1410
HCG + per initiated cycle	87/424 (20.5%) (20.3% - 21.3%)	55/300 (18.3%) (18.0% - 19.9%)	93/512 (18.2%) (17.9% - 19.6%)	123/511 (24.1%) (23.3% - 26.4%)	358/1747 (20.5%) (20.1% - 22.1%)
HCG + per aspiration cycle	87/403 (21.6%) (21.4% - 22.4%)	55/292 (18.8%) (18.5% - 20.5%)	93/495 (18.8%) (18.5% - 20.2%)	123/440 (28.0%) (27.0% - 30.5%)	358/1630 (22.0%) (21.5% - 23.6%)
HCG + per embryo transfer	87/350 (24.9%) (24.8% - 25.1%)	55/259 (21.2%) (20.8% - 22.7%)	93/447 (20.8%) (20.6% - 21.5%)	123/332 (37.0%) (35.8% - 39.2%)	358/1388 (25.8%) (25.4% - 27.0%)

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

Rank	1	2	3-6	>=7	Total
<b>&gt;=43 (yrs)</b>					
<b>All Centres (N=239, Missing=128)</b>					
Cycles	5	6	8	220	239
Aspiration	4	6	7	196	213
Transfers	3	4	7	141	155
HCG + per initiated cycle	0/5 (0.0% - 0.0%)	0/5 (0.0% - 16.7%)	1/8 (12.5%) (12.5% - 12.5%)	18/216 (8.3%) (8.2% - 10.0%)	19/234 (8.1%) (7.9% - 10.0%)
HCG + per aspiration cycle	0/4 (0.0% - 0.0%)	0/5 (0.0% - 16.7%)	1/7 (14.3%) (14.3% - 14.3%)	18/192 (9.4%) (9.2% - 11.2%)	19/208 (9.1%) (8.9% - 11.3%)
HCG + per embryo transfer	0/3 (0.0% - 0.0%)	0/4 (0.0% - 0.0%)	1/7 (14.3%) (14.3% - 14.3%)	18/137 (13.1%) (12.8% - 15.6%)	19/151 (12.6%) (12.3% - 14.8%)

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
<b>&lt; 36 (yrs)</b>					
<b>All Centres (N=10249, Missing=885)</b>					
Cycles	3836	2333	2901	1179	10249
Aspiration	3764	2302	2873	991	9930
Transfers	3500	2149	2680	818	9147
Clinical Pregnancy* per initiated cycle	1227/3831 (32.0%) (32.0% - 32.1%)	729/2330 (31.3%) (31.2% - 31.4%)	812/2899 (28.0%) (28.0% - 28.1%)	262/1176 (22.3%) (22.2% - 22.5%)	3030/10236 (29.6%) (29.6% - 29.7%)
Clinical Pregnancy* per aspiration cycle	1227/3759 (32.6%) (32.6% - 32.7%)	729/2299 (31.7%) (31.7% - 31.8%)	812/2871 (28.3%) (28.3% - 28.3%)	262/988 (26.5%) (26.4% - 26.7%)	3030/9917 (30.6%) (30.5% - 30.6%)
Clinical Pregnancy* per embryo transfer	1227/3500 (35.1%) (35.1% - 35.1%)	729/2149 (33.9%) (33.9% - 33.9%)	812/2680 (30.3%) (30.3% - 30.3%)	262/818 (32.0%) (32.0% - 32.0%)	3030/9147 (33.1%) (33.1% - 33.1%)

NA=no cycles with data available.

\*: Clinical pregnancy is defined as the presence of intra- or extra-uterine sacs on an ultrasound scan.

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
<b>[36-40[ (yrs)</b>					
<b>All Centres (N=3410, Missing=467)</b>					
Cycles	948	691	982	789	3410
Aspiration	917	674	976	698	3265
Transfers	834	594	867	557	2852
Clinical Pregnancy* per initiated cycle	247/943 (26.2%) (26.1% - 26.6%)	171/686 (24.9%) (24.7% - 25.5%)	219/976 (22.4%) (22.3% - 22.9%)	160/785 (20.4%) (20.3% - 20.8%)	797/3390 (23.5%) (23.4% - 24.0%)
Clinical Pregnancy* per aspiration cycle	247/912 (27.1%) (26.9% - 27.5%)	171/669 (25.6%) (25.4% - 26.1%)	219/970 (22.6%) (22.4% - 23.1%)	160/694 (23.1%) (22.9% - 23.5%)	797/3245 (24.6%) (24.4% - 25.0%)
Clinical Pregnancy* per embryo transfer	247/834 (29.6%) (29.6% - 29.6%)	171/594 (28.8%) (28.8% - 28.8%)	219/867 (25.3%) (25.3% - 25.3%)	160/557 (28.7%) (28.7% - 28.7%)	797/2852 (27.9%) (27.9% - 27.9%)

NA=no cycles with data available.

\*: Clinical pregnancy is defined as the presence of intra- or extra-uterine sacs on an ultrasound scan.

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
<b>[40-43[ (yrs)</b>					
<b>All Centres (N=1782, Missing=343)</b>					
Cycles	428	306	521	527	1782
Aspiration	407	298	504	456	1665
Transfers	351	264	451	344	1410
Clinical Pregnancy* per initiated cycle	74/425 (17.4%) (17.3% - 18.0%)	42/305 (13.8%) (13.7% - 14.1%)	66/516 (12.8%) (12.7% - 13.6%)	90/523 (17.2%) (17.1% - 17.8%)	272/1769 (15.4%) (15.3% - 16.0%)
Clinical Pregnancy* per aspiration cycle	74/404 (18.3%) (18.2% - 18.9%)	42/297 (14.1%) (14.1% - 14.4%)	66/499 (13.2%) (13.1% - 14.1%)	90/452 (19.9%) (19.7% - 20.6%)	272/1652 (16.5%) (16.3% - 17.1%)
Clinical Pregnancy* per embryo transfer	74/351 (21.1%) (21.1% - 21.1%)	42/264 (15.9%) (15.9% - 15.9%)	66/451 (14.6%) (14.6% - 14.6%)	90/344 (26.2%) (26.2% - 26.2%)	272/1410 (19.3%) (19.3% - 19.3%)

NA=no cycles with data available.

\*: Clinical pregnancy is defined as the presence of intra- or extra-uterine sacs on an ultrasound scan.

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
<b>&gt;=43 (yrs)</b>					
<b>All Centres (N=239, Missing=128)</b>					
Cycles	5	6	8	220	239
Aspiration	4	6	7	196	213
Transfers	3	4	7	141	155
Clinical Pregnancy* per initiated cycle	0/5 (0.0% - 0.0%)	0/5 (0.0% - 16.7%)	1/8 (12.5%) (12.5% - 12.5%)	11/220 (5.0%) (5.0% - 5.0%)	12/238 (5.0%) (5.0% - 5.4%)
Clinical Pregnancy* per aspiration cycle	0/4 (0.0% - 0.0%)	0/5 (0.0% - 16.7%)	1/7 (14.3%) (14.3% - 14.3%)	11/196 (5.6%) (5.6% - 5.6%)	12/212 (5.7%) (5.6% - 6.1%)
Clinical Pregnancy* per embryo transfer	0/3 (0.0% - 0.0%)	0/4 (0.0% - 0.0%)	1/7 (14.3%) (14.3% - 14.3%)	11/141 (7.8%) (7.8% - 7.8%)	12/155 (7.7%) (7.7% - 7.7%)

NA=no cycles with data available.

\*: Clinical pregnancy is defined as the presence of intra- or extra-uterine sacs on an ultrasound scan.

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
<b>&lt; 36 (yrs)</b>					
<b>All Centres (N=10249, Missing=885)</b>					
Cycles	3836	2333	2901	1179	10249
Aspiration	3764	2302	2873	991	9930
Transfers	3500	2149	2680	818	9147
FHB: 1/2/3/...	1091/29/0	566/87/1	539/178/4	183/56/3	2379/350/8
Clinical Pregnancy* + FHB per initiated cycle	1120/3786 (29.6%) (29.2% - 30.5%)	654/2298 (28.5%) (28.0% - 29.5%)	721/2869 (25.1%) (24.9% - 26.0%)	242/1166 (20.8%) (20.5% - 21.6%)	2737/10119 (27.0%) (26.7% - 28.0%)
Clinical Pregnancy* + FHB per aspiration cycle	1120/3714 (30.2%) (29.8% - 31.1%)	654/2267 (28.8%) (28.4% - 29.9%)	721/2841 (25.4%) (25.1% - 26.2%)	242/978 (24.7%) (24.4% - 25.7%)	2737/9800 (27.9%) (27.6% - 28.9%)
Clinical Pregnancy* + FHB per embryo transfer	1120/3455 (32.4%) (32.0% - 33.3%)	654/2117 (30.9%) (30.4% - 31.9%)	721/2650 (27.2%) (26.9% - 28.0%)	242/808 (30.0%) (29.6% - 30.8%)	2737/9030 (30.3%) (29.9% - 31.2%)

NA=no cycles with data available. \*: Clinical pregnancy is defined as the presence of intra- or extra-uterine sacs on an ultrasound scan. 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
<b>[36-40[ (yrs)</b>					
<b>All Centres (N=3410, Missing=467)</b>					
Cycles	948	691	982	789	3410
Aspiration	917	674	976	698	3265
Transfers	834	594	867	557	2852
FHB: 1/2/3/...	172/38/0	121/26/1	140/37/2	110/20/3	543/121/6
Clinical Pregnancy* + FHB per initiated cycle	210/927 (22.7%) (22.2% - 24.4%)	148/676 (21.9%) (21.4% - 23.6%)	179/961 (18.6%) (18.2% - 20.4%)	133/775 (17.2%) (16.9% - 18.6%)	670/3339 (20.1%) (19.6% - 21.7%)
Clinical Pregnancy* + FHB per aspiration cycle	210/896 (23.4%) (22.9% - 25.2%)	148/659 (22.5%) (22.0% - 24.2%)	179/955 (18.7%) (18.3% - 20.5%)	133/684 (19.4%) (19.1% - 21.1%)	670/3194 (21.0%) (20.5% - 22.7%)
Clinical Pregnancy* + FHB per embryo transfer	210/818 (25.7%) (25.2% - 27.1%)	148/584 (25.3%) (24.9% - 26.6%)	179/852 (21.0%) (20.6% - 22.4%)	133/547 (24.3%) (23.9% - 25.7%)	670/2801 (23.9%) (23.5% - 25.3%)

NA=no cycles with data available. \*: Clinical pregnancy is defined as the presence of intra- or extra-uterine sacs on an ultrasound scan. 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
<b>[40-43] (yrs)</b>					
<b>All Centres (N=1782, Missing=343)</b>					
Cycles	428	306	521	527	1782
Aspiration	407	298	504	456	1665
Transfers	351	264	451	344	1410
FHB: 1/2/3/...	51/4/1	31/2/0	46/8/1	52/8/1	180/22/3
Clinical Pregnancy* + FHB per initiated cycle	56/419 (13.4%) (13.1% - 15.2%)	33/302 (10.9%) (10.8% - 12.1%)	55/511 (10.8%) (10.6% - 12.5%)	61/509 (12.0%) (11.6% - 15.0%)	205/1741 (11.8%) (11.5% - 13.8%)
Clinical Pregnancy* + FHB per aspiration cycle	56/398 (14.1%) (13.8% - 16.0%)	33/294 (11.2%) (11.1% - 12.4%)	55/494 (11.1%) (10.9% - 12.9%)	61/438 (13.9%) (13.4% - 17.3%)	205/1624 (12.6%) (12.3% - 14.8%)
Clinical Pregnancy* + FHB per embryo transfer	56/345 (16.2%) (16.0% - 17.7%)	33/261 (12.6%) (12.5% - 13.6%)	55/446 (12.3%) (12.2% - 13.3%)	61/330 (18.5%) (17.7% - 21.8%)	205/1382 (14.8%) (14.5% - 16.5%)

NA=no cycles with data available. \*: Clinical pregnancy is defined as the presence of intra- or extra-uterine sacs on an ultrasound scan. 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
<b>&gt;=43 (yrs)</b>					
<b>All Centres (N=239, Missing=128)</b>					
Cycles	5	6	8	220	239
Aspiration	4	6	7	196	213
Transfers	3	4	7	141	155
FHB: 1/2/3/...	0/0/0	0/0/0	1/0/0	5/1/0	6/1/0
Clinical Pregnancy* + FHB per initiated cycle	0/5 (0.0% - 0.0%)	0/5 (0.0% - 16.7%)	1/8 (12.5%) (12.5% - 12.5%)	6/216 (2.8%) (2.7% - 4.5%)	7/234 (3.0%) (2.9% - 5.0%)
Clinical Pregnancy* + FHB per aspiration cycle	0/4 (0.0% - 0.0%)	0/5 (0.0% - 16.7%)	1/7 (14.3%) (14.3% - 14.3%)	6/192 (3.1%) (3.1% - 5.1%)	7/208 (3.4%) (3.3% - 5.6%)
Clinical Pregnancy* + FHB per embryo transfer	0/3 (0.0% - 0.0%)	0/4 (0.0% - 0.0%)	1/7 (14.3%) (14.3% - 14.3%)	6/137 (4.4%) (4.3% - 7.1%)	7/151 (4.6%) (4.5% - 7.1%)

NA=no cycles with data available. \*: Clinical pregnancy is defined as the presence of intra- or extra-uterine sacs on an ultrasound scan. 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
<b>&lt; 36 (yrs)</b>					
<b>All Centres (N=10249, Missing=885)</b>					
Cycles	3836	2333	2901	1179	10249
Aspiration	3764	2302	2873	991	9930
Transfers	3500	2149	2680	818	9147
Number per delivery: 1/2/3	861/17/0	469/68/0	443/142/2	139/37/1	1912/264/3
Delivery rate per initiated cycle	896/3780 (23.7%) (23.4% - 24.8%)	543/2299 (23.6%) (23.3% - 24.7%)	593/2873 (20.6%) (20.4% - 21.4%)	194/1116 (17.4%) (16.5% - 21.8%)	2226/10068 (22.1%) (21.7% - 23.5%)
Delivery rate per aspiration cycle	896/3708 (24.2%) (23.8% - 25.3%)	543/2268 (23.9%) (23.6% - 25.1%)	593/2845 (20.8%) (20.6% - 21.6%)	194/928 (20.9%) (19.6% - 25.9%)	2226/9749 (22.8%) (22.4% - 24.2%)
Delivery rate per embryo transfer	896/3449 (26.0%) (25.6% - 27.1%)	543/2118 (25.6%) (25.3% - 26.7%)	593/2654 (22.3%) (22.1% - 23.1%)	194/758 (25.6%) (23.7% - 31.1%)	2226/8979 (24.8%) (24.3% - 26.2%)

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 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
<b>[36-40] (yrs)</b>					
<b>All Centres (N=3410, Missing=467)</b>					
Cycles	948	691	982	789	3410
Aspiration	917	674	976	698	3265
Transfers	834	594	867	557	2852
Number per delivery: 1/2/3	117/29/0	92/20/0	103/31/0	62/14/1	374/94/1
Delivery rate per initiated cycle	149/917 (16.2%) (15.7% - 19.0%)	114/674 (16.9%) (16.5% - 19.0%)	136/962 (14.1%) (13.8% - 15.9%)	91/739 (12.3%) (11.5% - 17.9%)	490/3292 (14.9%) (14.4% - 17.8%)
Delivery rate per aspiration cycle	149/886 (16.8%) (16.2% - 19.6%)	114/657 (17.4%) (16.9% - 19.4%)	136/956 (14.2%) (13.9% - 16.0%)	91/648 (14.0%) (13.0% - 20.2%)	490/3147 (15.6%) (15.0% - 18.6%)
Delivery rate per embryo transfer	149/808 (18.4%) (17.9% - 21.0%)	114/582 (19.6%) (19.2% - 21.2%)	136/853 (15.9%) (15.7% - 17.3%)	91/511 (17.8%) (16.3% - 24.6%)	490/2754 (17.8%) (17.2% - 20.6%)

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

Rank	1	2	3-6	>=7	Total
<b>[40-43] (yrs)</b>					
<b>All Centres (N=1782, Missing=343)</b>					
Cycles	428	306	521	527	1782
Aspiration	407	298	504	456	1665
Transfers	351	264	451	344	1410
Number per delivery: 1/2/3	28/3/0	21/0/0	35/2/0	25/5/1	109/10/1
Delivery rate per initiated cycle	33/422 (7.8%) (7.7% - 9.1%)	21/302 (7.0%) (6.9% - 8.2%)	37/512 (7.2%) (7.1% - 8.8%)	39/495 (7.9%) (7.4% - 13.5%)	130/1731 (7.5%) (7.3% - 10.2%)
Delivery rate per aspiration cycle	33/401 (8.2%) (8.1% - 9.6%)	21/294 (7.1%) (7.0% - 8.4%)	37/495 (7.5%) (7.3% - 9.1%)	39/424 (9.2%) (8.6% - 15.6%)	130/1614 (8.1%) (7.8% - 10.9%)
Delivery rate per embryo transfer	33/348 (9.5%) (9.4% - 10.3%)	21/261 (8.0%) (8.0% - 9.1%)	37/447 (8.3%) (8.2% - 9.1%)	39/316 (12.3%) (11.3% - 19.5%)	130/1372 (9.5%) (9.2% - 11.9%)

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.

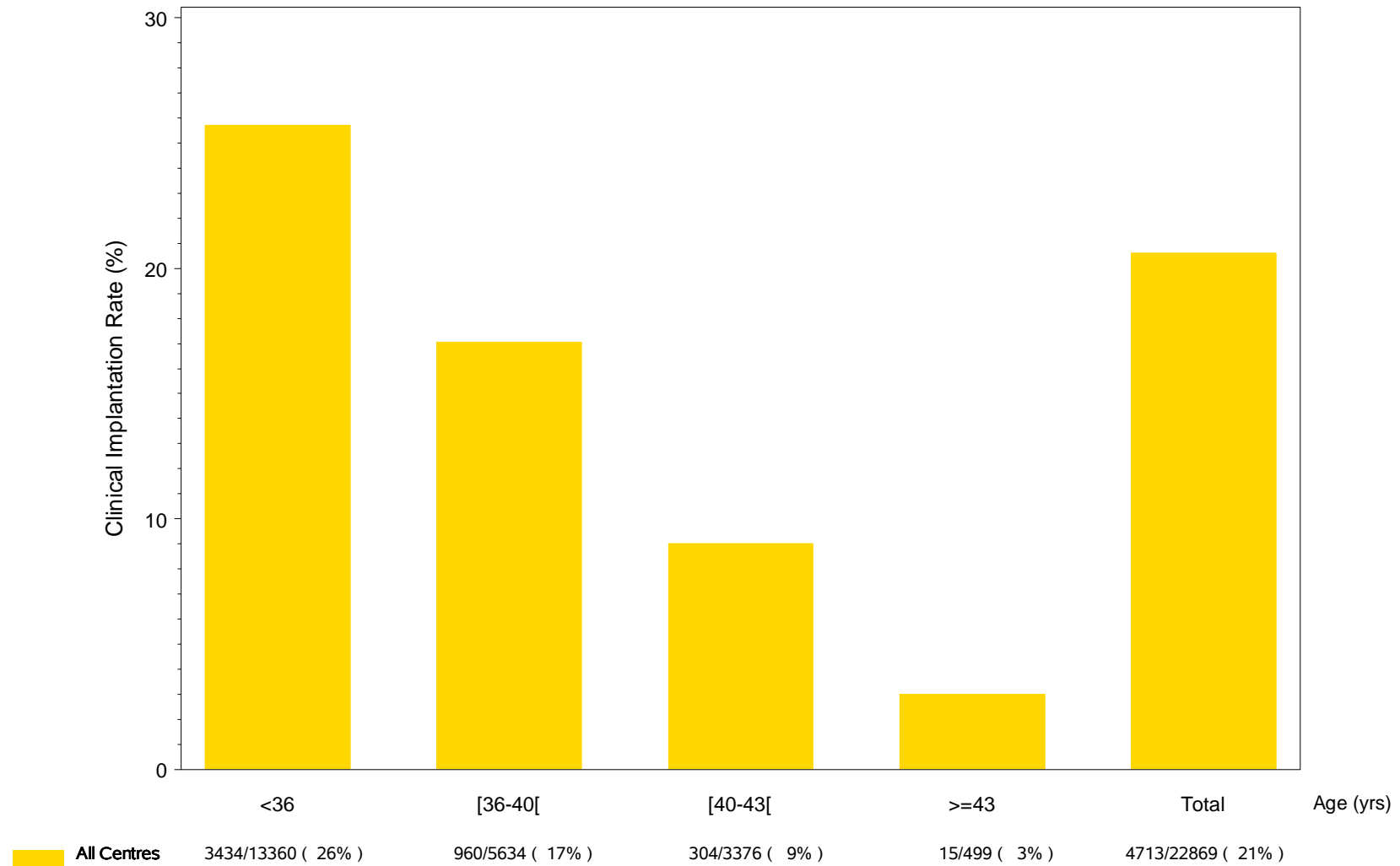
**Table 2.26 Own fresh cycles: Number of deliveries according to age and rank**

Rank	1	2	3-6	>=7	Total
<b>&gt;=43 (yrs)</b>					
<b>All Centres (N=239, Missing=128)</b>					
Cycles	5	6	8	220	239
Aspiration	4	6	7	196	213
Transfers	3	4	7	141	155
Number per delivery: 1/2/3	0/0/0	0/0/0	1/0/0	2/0/0	3/0/0
Delivery rate per initiated cycle	0/5 (0.0% - 0.0%)	0/5 (0.0% - 16.7%)	1/8 (12.5%) (12.5% - 12.5%)	2/216 (0.9%) (0.9% - 2.7%)	3/234 (1.3%) (1.3% - 3.3%)
Delivery rate per aspiration cycle	0/4 (0.0% - 0.0%)	0/5 (0.0% - 16.7%)	1/7 (14.3%) (14.3% - 14.3%)	2/192 (1.0%) (1.0% - 3.1%)	3/208 (1.4%) (1.4% - 3.8%)
Delivery rate per embryo transfer	0/3 (0.0% - 0.0%)	0/4 (0.0% - 0.0%)	1/7 (14.3%) (14.3% - 14.3%)	2/137 (1.5%) (1.4% - 4.3%)	3/151 (2.0%) (1.9% - 4.5%)

NA=no cycles with data available.

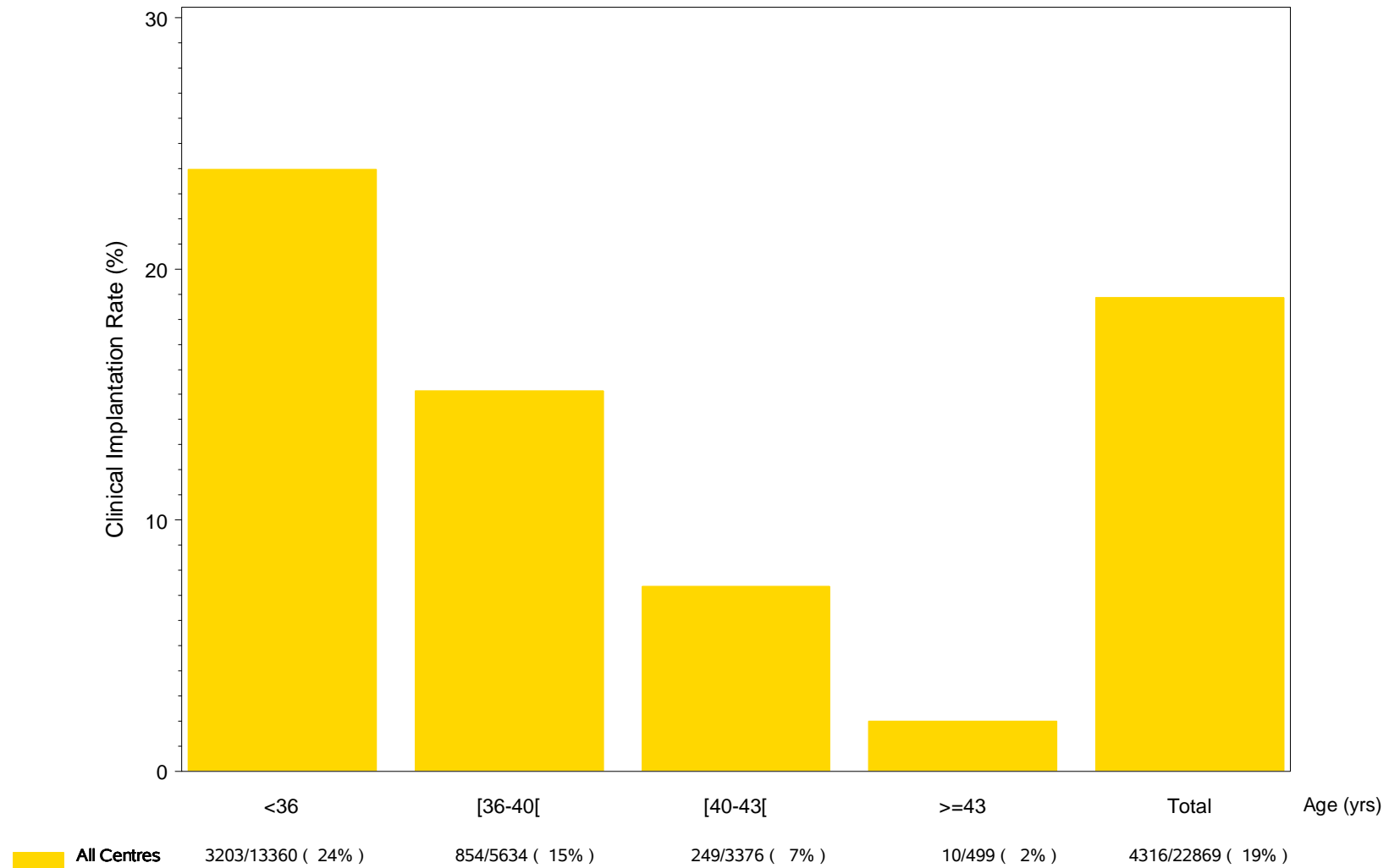
In the calculation of the ratios, only cycles with available data are considered. In the line underneath, the range expresses the minimum and maximum possible rates when accounting for missing data by considering missing delivery as negative and positive, respectively.

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



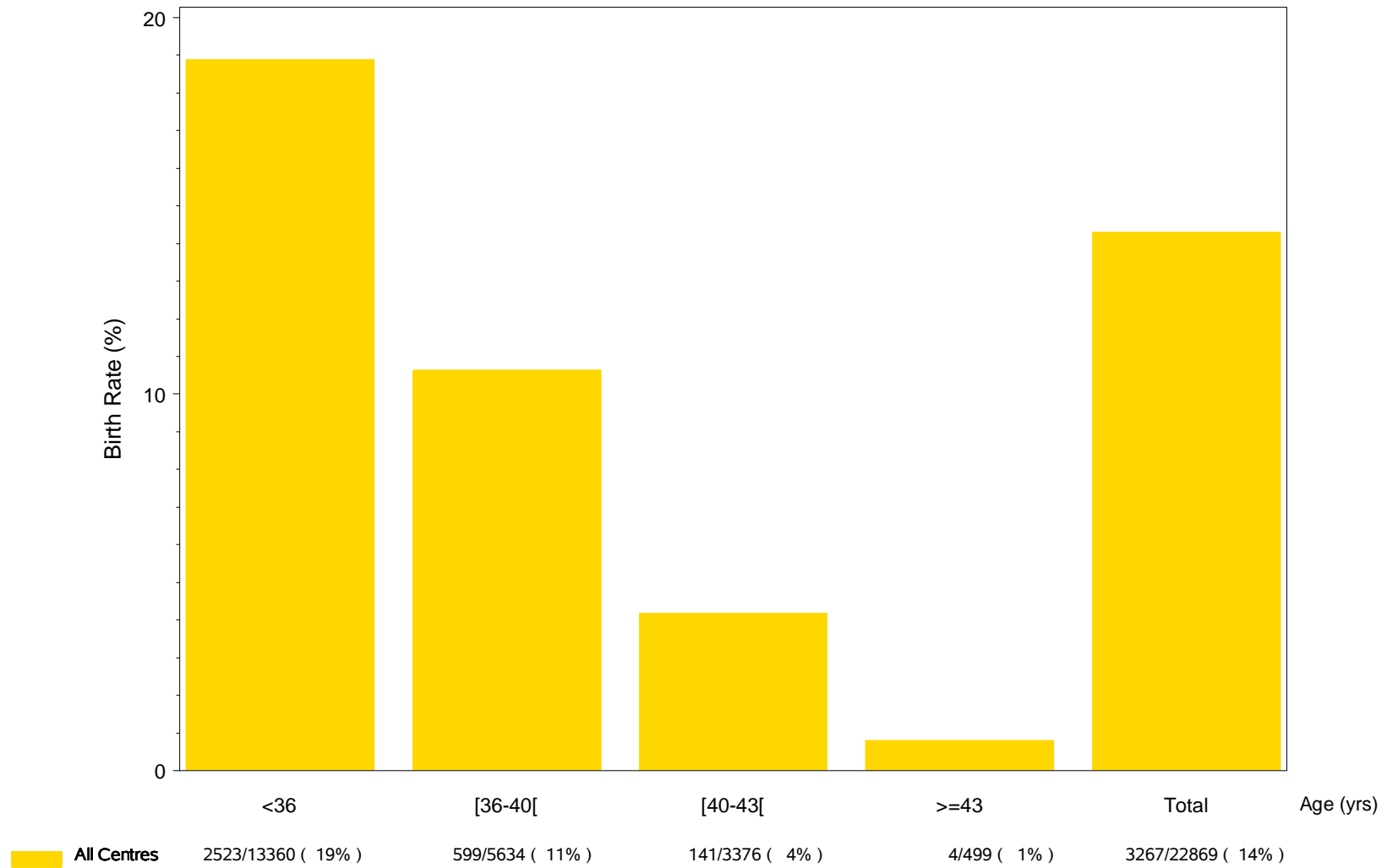
n/N (%) where n = Total number of uterine sacs; N = Total number of embryos transferred; %= n\*100/N; NA = No cycles with data available.

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



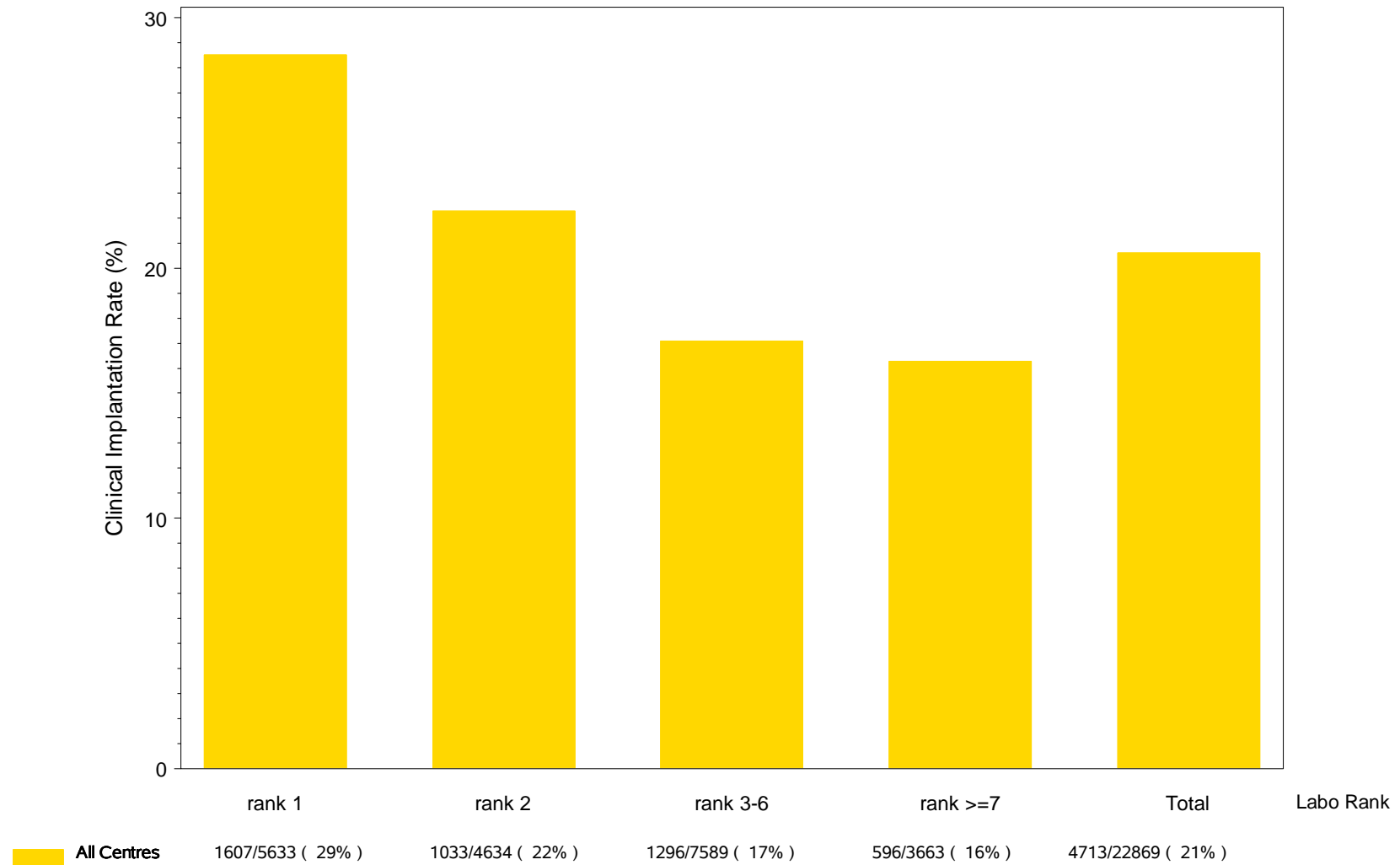
n/N (%) where n = Total number of FHB; N = Total number of embryos transferred; %= n\*100/N; NA = No cycles with data available.

Figure 2.29 Own fresh cycles: Birth rate per transferred embryo according to age



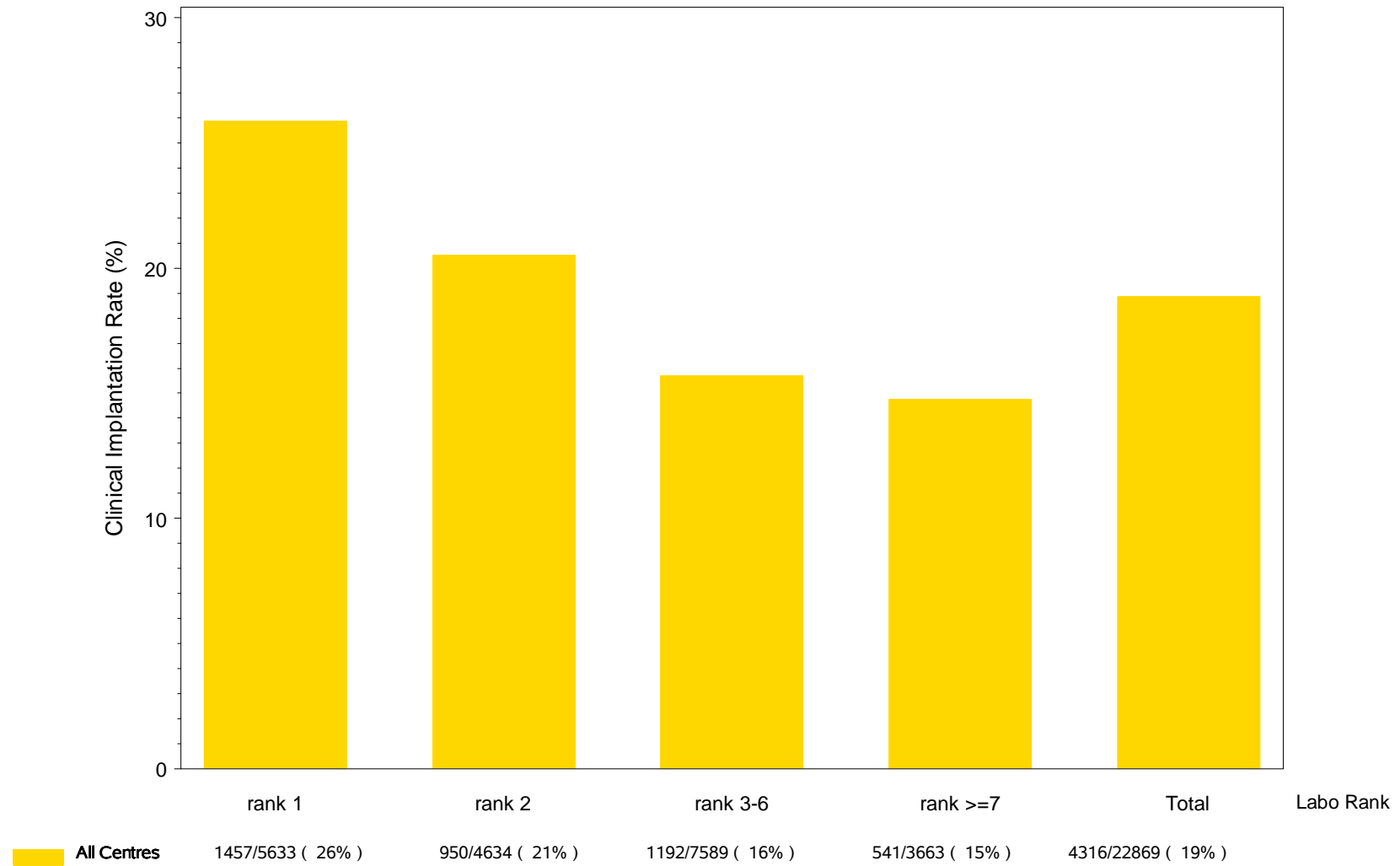
n/N (%) where n = Total number of babies; N = Total number of embryos transferred; %= n\*100/N; NA = No cycles with data available.

**Figure 2.30 Own fresh cycles: Clinical implantation rate (No. of uterine sacs) per transferred embryo according to rank**



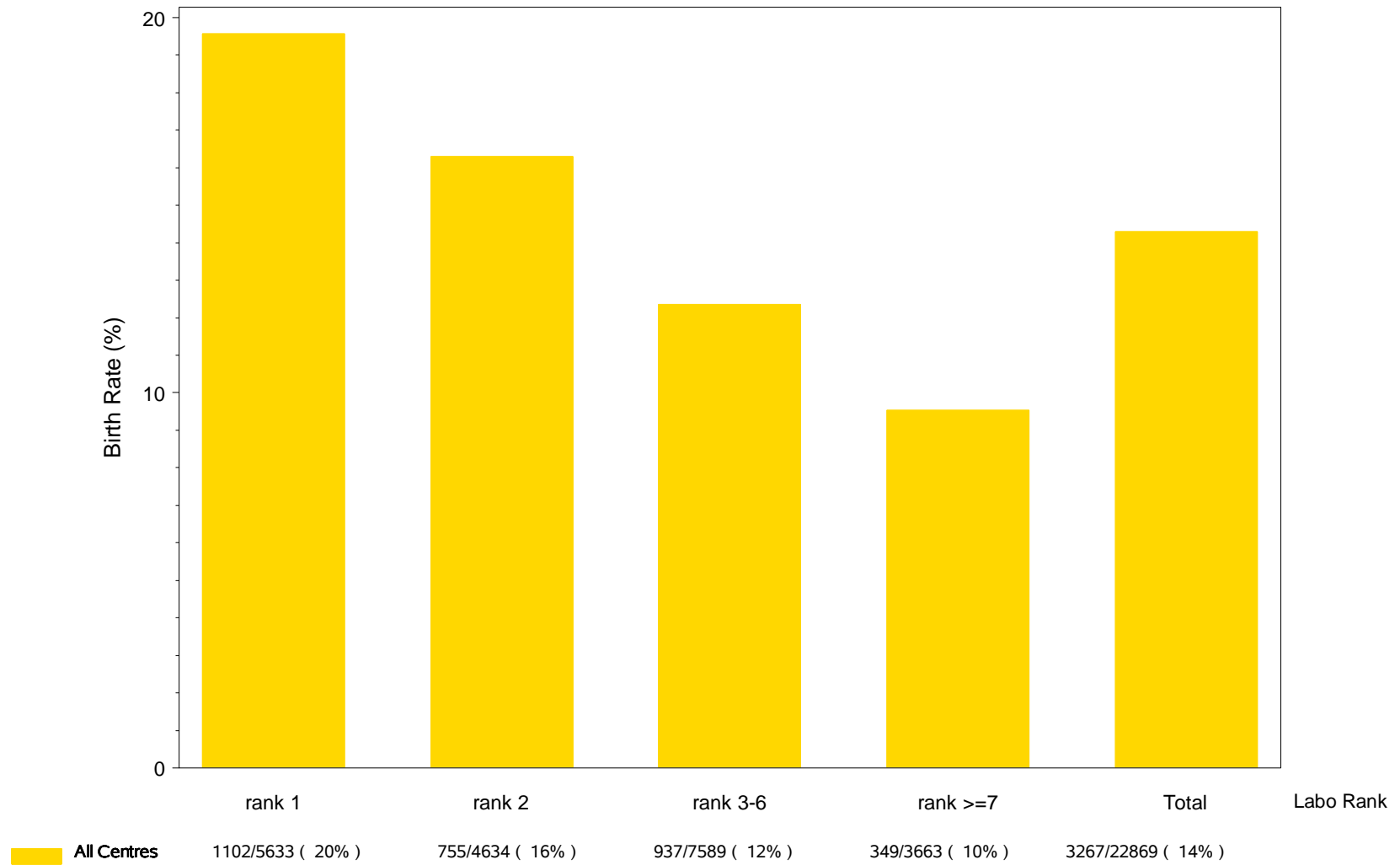
n/N (%) where n = Total number of uterine sacs; N = Total number of embryos transferred; %= n\*100/N; NA = No cycles with data available.

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



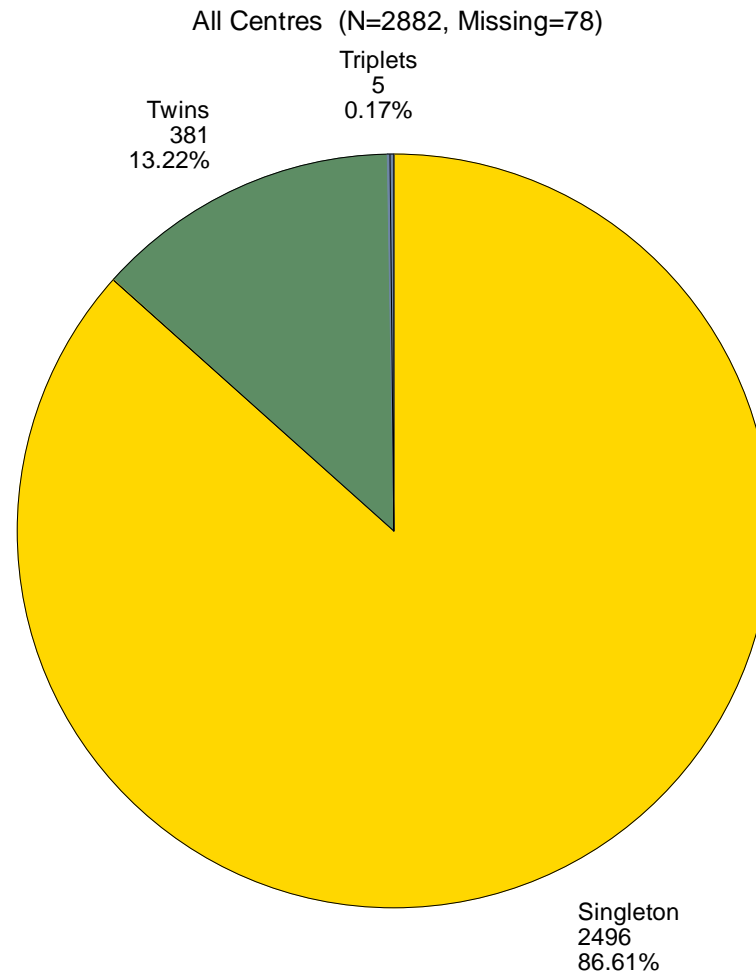
n/N (%) where n = Total number of FHB; N = Total number of embryos transferred; %= n\*100/N; NA = No cycles with data available.

Figure 2.32 Own fresh cycles: Birth rate per transferred embryo according to rank



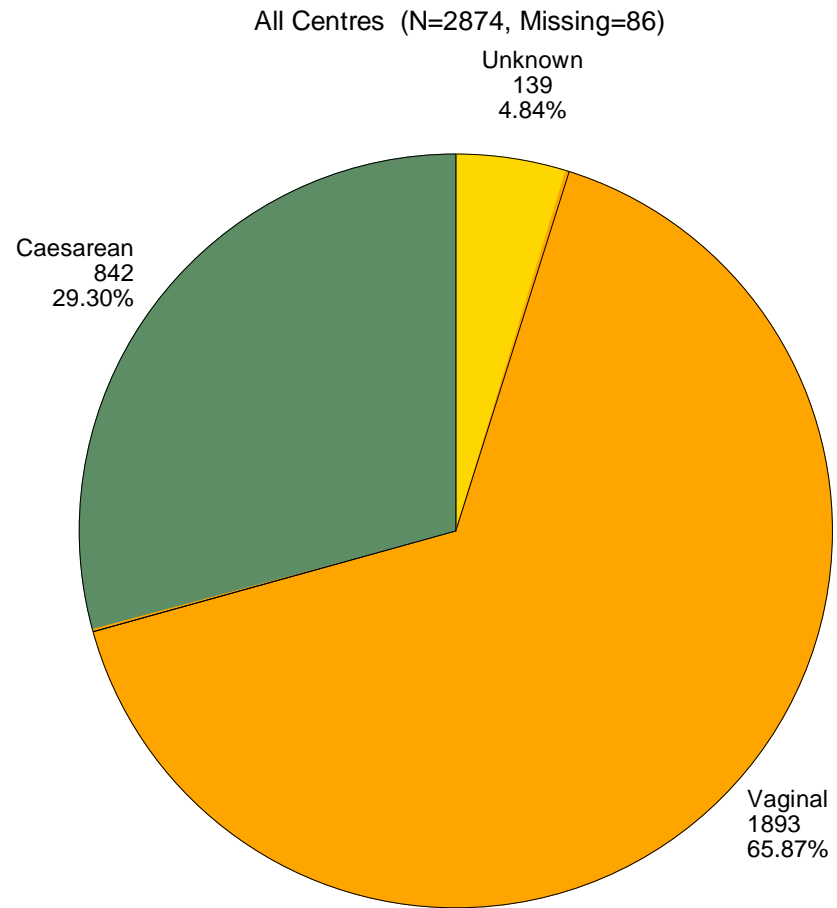
n/N (%) where n = Total number of babies; N = Total number of embryos transferred; %= n\*100/N; NA = No cycles with data available.

Figure 2.33 Own fresh cycles: Number of deliveries



Deliveries of twins or triplets are only counted once.

Figure 2.34 Own fresh cycles: Type of deliveries



Deliveries of twins or triplets are only counted once.

**Table 2.35 Own fresh cycles: Sex of babies**

---

	<b>All Centres (N=3270, Missing=81)</b>
<b>Sex of baby</b>	
Male	1619/3270 ( 49.51%)
Female	1615/3270 ( 49.39%)
Unknown	36/3270 ( 1.10%)

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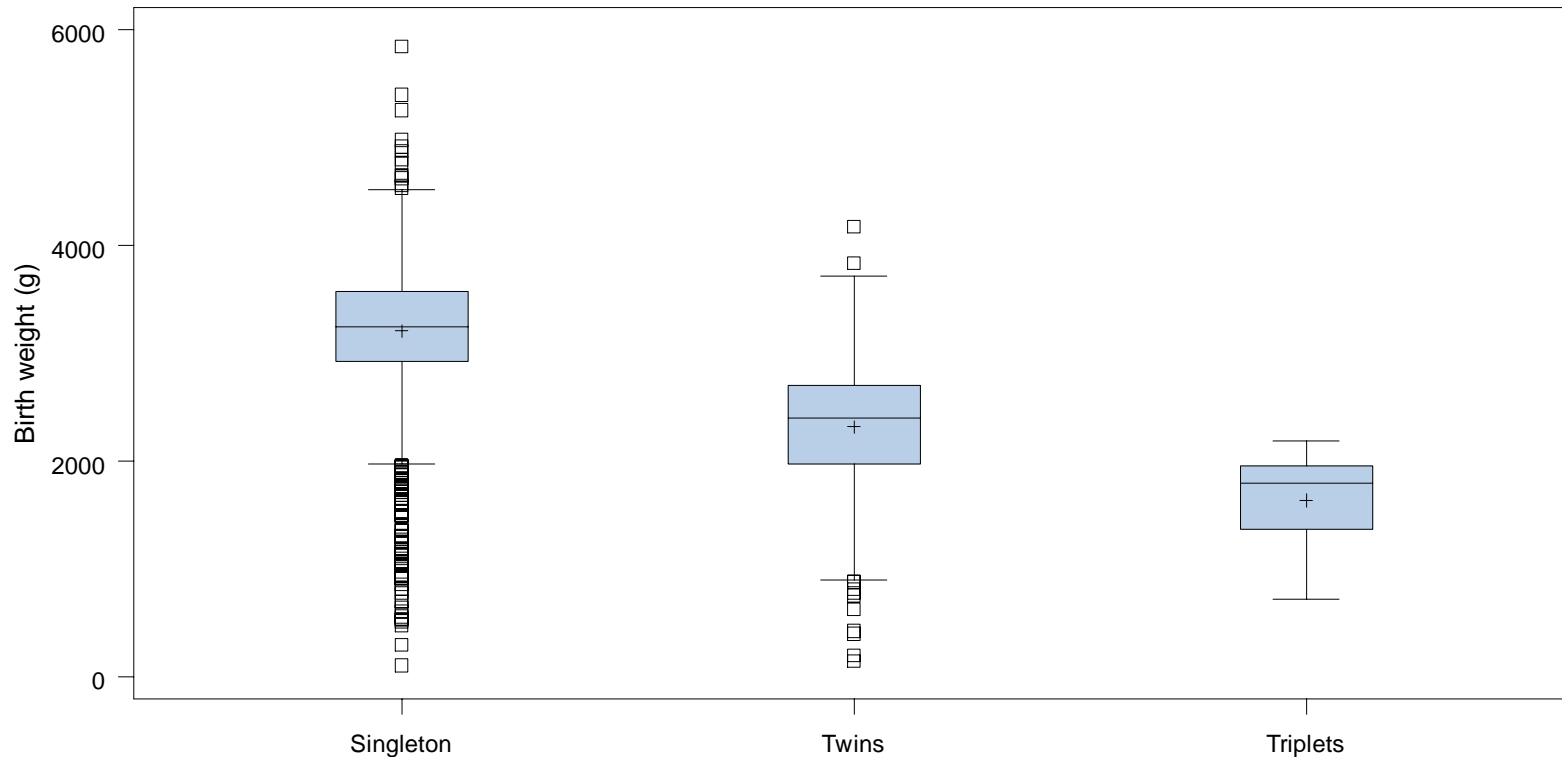
**Table 2.36 Own fresh cycles: Birth weight**

		<b>All Centres</b>	
		<b>Statistic (N=3157, Missing=194)</b>	
<b>Birth weight (g)</b>			
Singletons	N	2411	
	Mean	3209.4	
	Std	593.68	
	Median	3250.0	
	IQR	(2930.0; 3572.0)	
Twins	N	732	
	Mean	2319.8	
	Std	569.54	
	Median	2400.0	
	IQR	(1972.5; 2700.0)	
Triplets	N	14	
	Mean	1639.3	
	Std	483.82	
	Median	1800.0	
	IQR	(1370.0; 1960.0)	

**Table 2.37 Own fresh cycles: Gestational age at delivery**

		<b>All Centres Statistic (N=2714, Missing=637)</b>
<b>Gestational age at delivery (weeks)</b>		
Singletons	N	2069
	Mean	38.9
	Std	2.53
	Median	39.3
	IQR	(38.1; 40.3)
Twins	N	636
	Mean	35.9
	Std	2.96
	Median	36.7
	IQR	(34.7; 37.7)
Triplets	N	9
	Mean	32.6
	Std	2.08
	Median	33.4
	IQR	(29.9; 34.4)

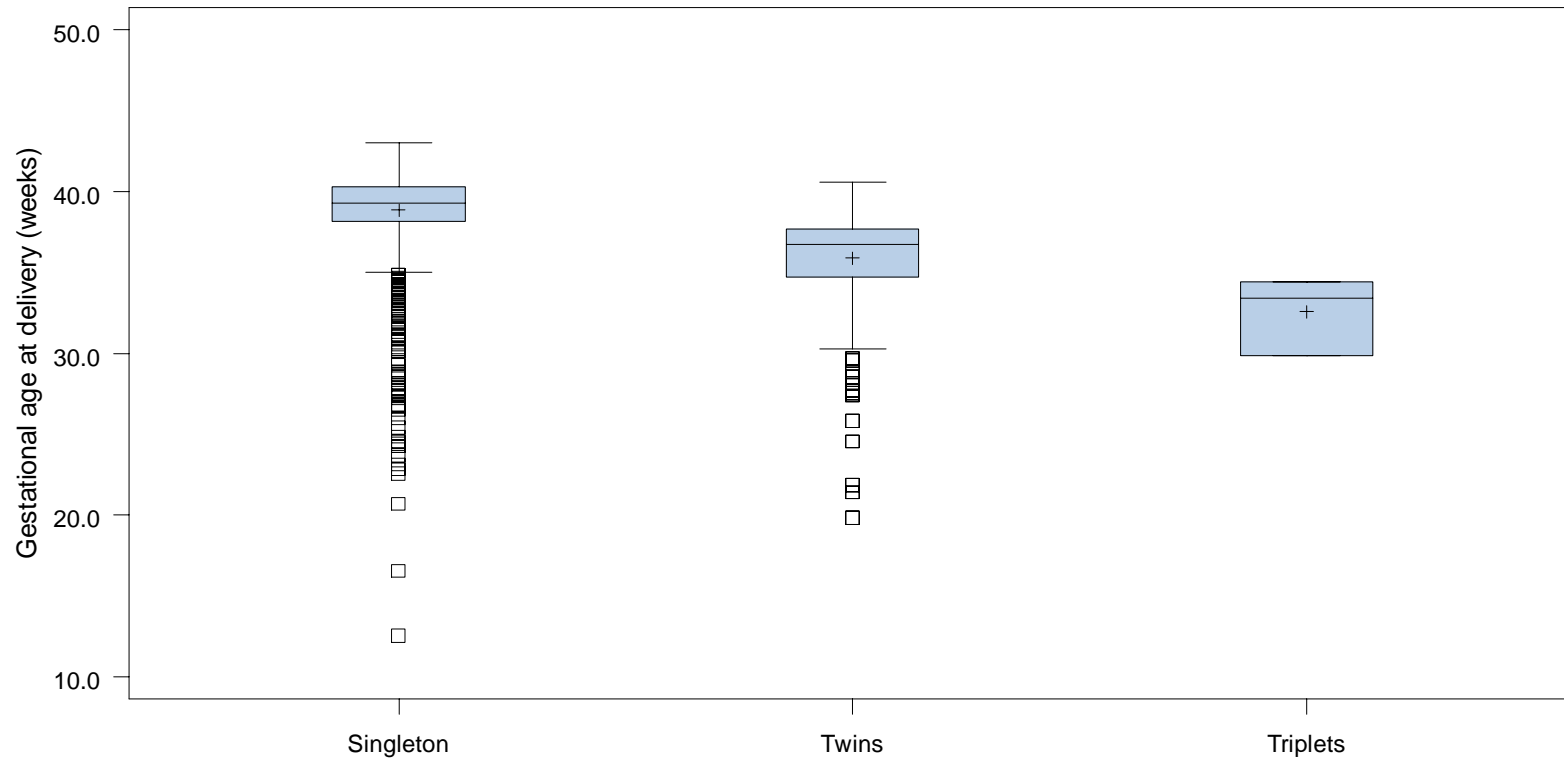
Figure 2.38 Own fresh cycles: Birth weight (boxplot)



	Singleton	Twins	Triplets
N	2411	732	14
Missing	85	30	1
Mean	3209.4	2319.8	1639.3
SD	593.68	569.54	483.82
Median	3250.0	2400.0	1800.0
(Min,Max)	(110,5850)	(150,4180)	(720,2190)
(Q1,Q3)	(2930,3572)	(1973,2700)	(1370,1960)

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
<b>All Centres</b>			
N	2069	636	9
Missing	427	126	6
Mean	38.9	35.9	32.6
SD	2.53	2.96	2.08
Median	39.3	36.7	33.4
(Min,Max)	(13,43)	(20,41)	(30,34)
(Q1,Q3)	(38,40)	(35,38)	(30,34)

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 2.40 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
<b>All Centres (N=2390, Missing=570)</b>				
< 32	53 (2.6%)	27 (8.5%)	1 (33.3%)	81 (3.4%)
[32-37[	171 (8.3%)	146 (45.9%)	2 (66.7%)	319 (13.3%)
>=37	1845 (89.2%)	145 (45.6%)	NA	1990 (83.3%)
Total	2069 (100.0%)	318 (100.0%)	3 (100.0%)	2390 (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			Total
	Singletons	Twins	Triplets	
<b>All Centres (N=3157, Missing=194)</b>				
< 1500	44 (1.8%)	64 (8.7%)	5 (35.7%)	113 (3.6%)
[1500-2500[	159 (6.6%)	368 (50.3%)	9 (64.3%)	536 (17.0%)
>= 2500	2208 (91.6%)	300 (41.0%)	NA	2508 (79.4%)
Total	2411 (100.0%)	732 (100.0%)	14 (100.0%)	3157 (100.0%)

NA: no data available

Figure 2.42 Own fresh cycles: Evolution of number of embryos transferred

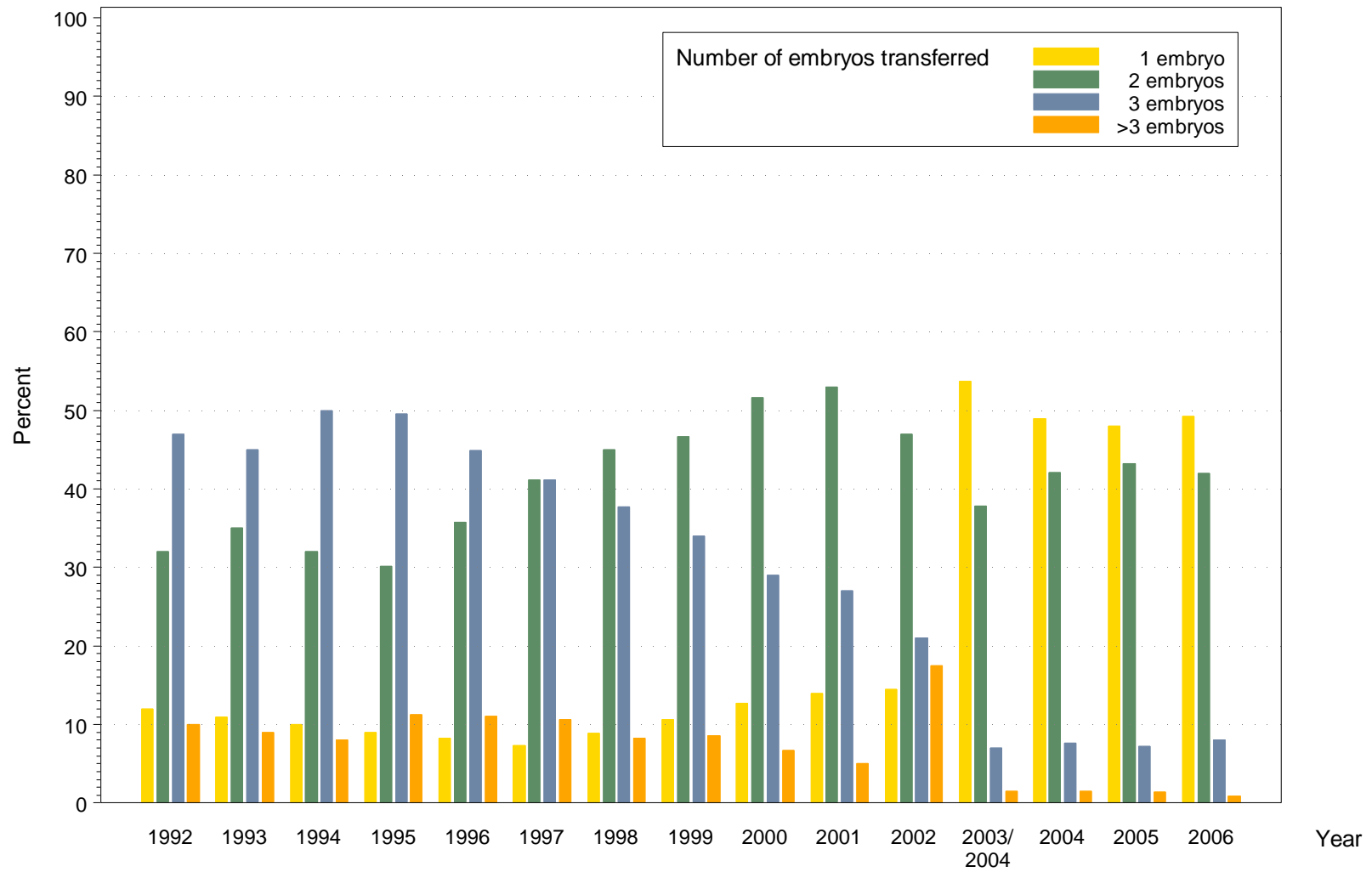
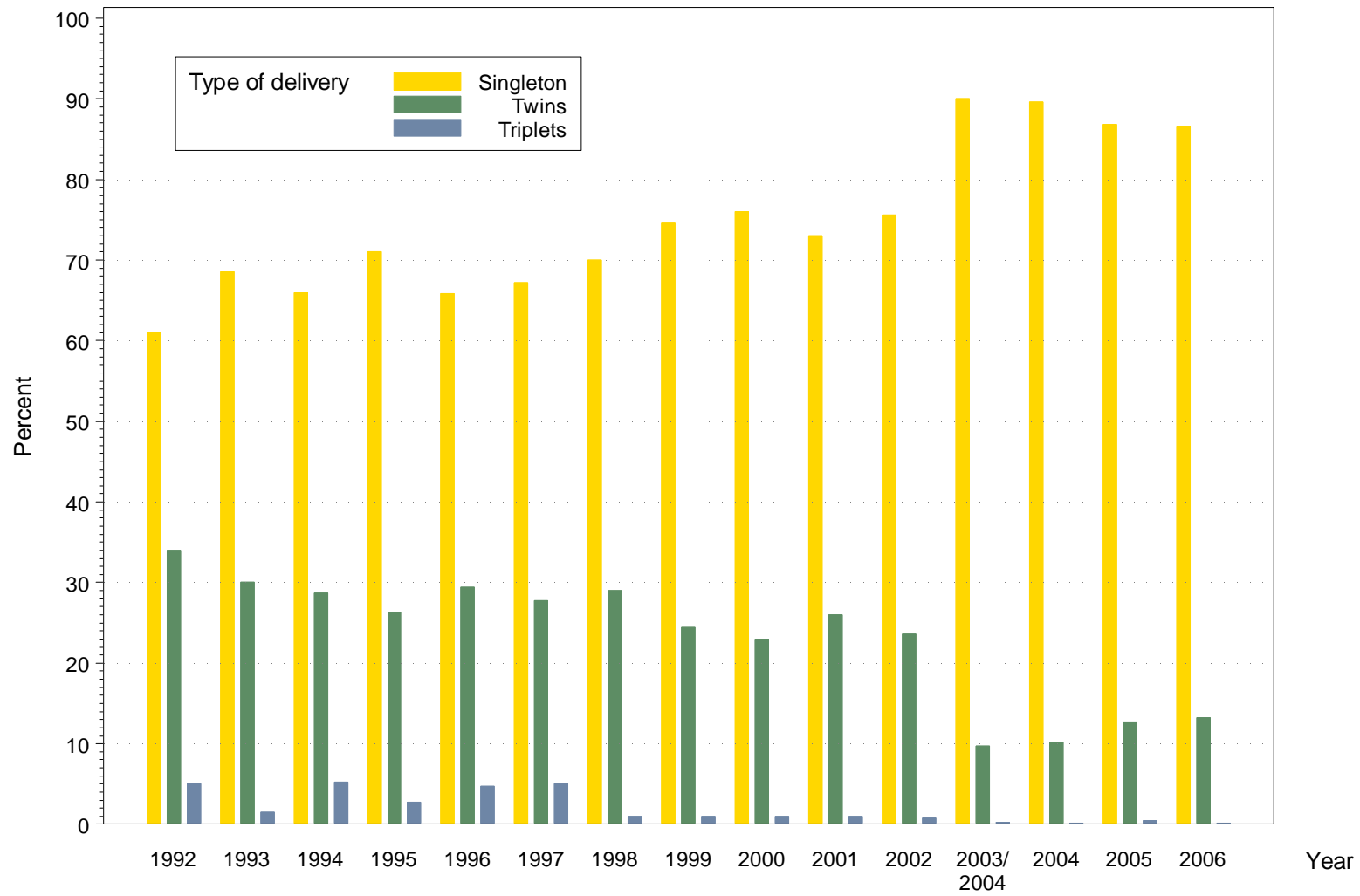


Figure 2.43 Own fresh cycles: Evolution of number of single and multiple deliveries



### Section 3: Own cryo cycles

Table 3.1 Own cryo cycles: Overview of cryo cycles

Cryocycle	All Centres
Initiated	6020 (100.0%)
Cancelled	274 (4.6%)
Thawed	5746 (95.4%)
Embryo Transfer	4321 (71.8%)

**Table 3.2 Own cryo cycles: Number of embryos transferred**

	<b>All Centres</b>
<b>Number of cycles with transfer</b>	4321
<b>Number of embryos transferred</b>	
1	1801/4314 ( 41.75%)
2	2408/4314 ( 55.82%)
3	93/4314 ( 2.16%)
>3	12/4314 ( 0.28%)
<b>Total number of embryos transferred</b>	6950

Based on all cycles with at least one embryo transferred.

**Table 3.3 Own cryo cycles: Pituitary inhibition**

	<b>Statistic</b>	<b>All Centres (N=4337, Missing=1683)</b>
<b>Pituitary inhibition</b>		
Yes	n/N (%)	265/4337 ( 6.11%)
No	n/N (%)	4072/4337 ( 93.89%)

**Table 3.4 Own cryo cycles: Stimulation protocol**

	<b>Statistic</b>	<b>All Centres (N=5664, Missing=356)</b>
<b>Stimulation protocol</b>		
Clomiphene	n/N (%)	596/5664 ( 10.52%)
Gonadotrophins	n/N (%)	461/5664 ( 8.14%)
Gonadotrophins recombinant	n/N (%)	6/5664 ( 0.11%)
Gonadotrophins urinary	n/N (%)	42/5664 ( 0.74%)
Clomiphene + Gonadotrophins	n/N (%)	28/5664 ( 0.49%)
Aromatase Inhibitor + Gonadotrophins	n/N (%)	1/5664 ( 0.02%)
LHRH pump	n/N (%)	3/5664 ( 0.05%)
Substitution	n/N (%)	1655/5664 ( 29.22%)
None	n/N (%)	2745/5664 ( 48.46%)
Other	n/N (%)	127/5664 ( 2.24%)

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

Age (yrs.)	< 36	[36-40[	[40-43[	>=43	All ages
<b>All Centres (N=5952, Missing=68)</b>					
Cycles	4451	1088	310	103	5952
Thawing cycles	4258	1029	294	97	5678
Transfers	3240	793	218	69	4320
HCG + per initiated cycle	844/4431 (19.0%) (19.0% - 19.4%)	176/1076 (16.4%) (16.2% - 17.3%)	38/306 (12.4%) (12.3% - 13.5%)	11/102 (10.8%) (10.7% - 11.7%)	1069/5915 (18.1%) (18.0% - 18.6%)
HCG + per thawing cycle	844/4238 (19.9%) (19.8% - 20.3%)	176/1017 (17.3%) (17.1% - 18.3%)	38/290 (13.1%) (12.9% - 14.3%)	11/96 (11.5%) (11.3% - 12.4%)	1069/5641 (19.0%) (18.8% - 19.5%)
HCG + per embryo transfer	844/3223 (26.2%) (26.0% - 26.6%)	176/781 (22.5%) (22.2% - 23.7%)	38/214 (17.8%) (17.4% - 19.3%)	11/68 (16.2%) (15.9% - 17.4%)	1069/4286 (24.9%) (24.7% - 25.5%)

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

Age (yrs.)	< 36	[36-40[	[40-43[	>=43	All ages
<b>All Centres (N=5952, Missing=68)</b>					
Cycles	4451	1088	310	103	5952
Thawing cycles	4258	1029	294	97	5678
Transfers	3240	793	218	69	4320
Clinical Pregnancy* per initiated cycle	694/4448 (15.6%) (15.6% - 15.7%)	143/1088 (13.1%) (13.1% - 13.1%)	29/310 (9.4%) (9.4% - 9.4%)	7/103 (6.8%) (6.8% - 6.8%)	873/5949 (14.7%) (14.7% - 14.7%)
Clinical Pregnancy* per thawing cycle	694/4255 (16.3%) (16.3% - 16.4%)	143/1029 (13.9%) (13.9% - 13.9%)	29/294 (9.9%) (9.9% - 9.9%)	7/97 (7.2%) (7.2% - 7.2%)	873/5675 (15.4%) (15.4% - 15.4%)
Clinical Pregnancy* per embryo transfer	694/3240 (21.4%) (21.4% - 21.4%)	143/793 (18.0%) (18.0% - 18.0%)	29/218 (13.3%) (13.3% - 13.3%)	7/69 (10.1%) (10.1% - 10.1%)	873/4320 (20.2%) (20.2% - 20.2%)

NA=no cycles with data available.

\*: Clinical pregnancy is defined as the presence of intra- or extra-uterine sacs on an ultrasound scan.

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
<b>All Centres (N=5952, Missing=68)</b>					
Cycles	4451	1088	310	103	5952
Thawing cycles	4258	1029	294	97	5678
Transfers	3240	793	218	69	4320
FHB: 1/2/3/...	496/78/0	100/10/2	20/4/0	5/0/0	621/92/2
Clinical Pregnancy* + FHB per initiated cycle	574/4379 (13.1%) (12.9% - 14.5%)	112/1067 (10.5%) (10.3% - 12.2%)	24/307 (7.8%) (7.7% - 8.7%)	5/103 (4.9%) (4.9% - 4.9%)	715/5856 (12.2%) (12.0% - 13.6%)
Clinical Pregnancy* + FHB per thawing cycle	574/4186 (13.7%) (13.5% - 15.2%)	112/1008 (11.1%) (10.9% - 12.9%)	24/291 (8.2%) (8.2% - 9.2%)	5/97 (5.2%) (5.2% - 5.2%)	715/5582 (12.8%) (12.6% - 14.3%)
Clinical Pregnancy* + FHB per embryo transfer	574/3171 (18.1%) (17.7% - 19.8%)	112/772 (14.5%) (14.1% - 16.8%)	24/215 (11.2%) (11.0% - 12.4%)	5/69 (7.2%) (7.2% - 7.2%)	715/4227 (16.9%) (16.6% - 18.7%)

NA=no cycles with data available. \*: Clinical pregnancy is defined as the presence of intra- or extra-uterine sacs on an ultrasound scan. 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.

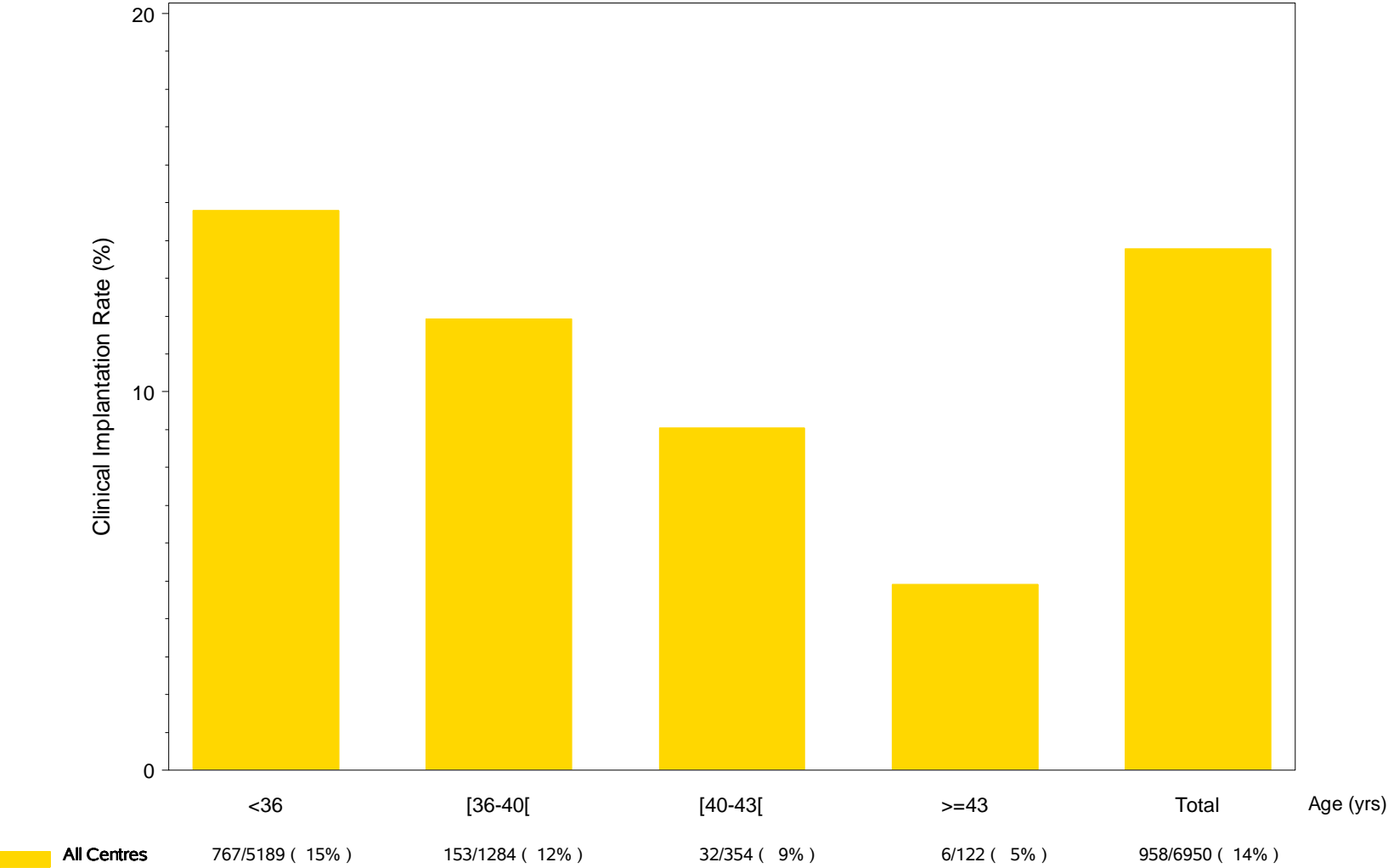
**Table 3.8 Own cryo cycles: Number of deliveries according to age**

Age (yrs.)	< 36	[36-40[	[40-43[	>=43	All ages
<b>All Centres (N=5952, Missing=68)</b>					
Cycles	4451	1088	310	103	5952
Thawing cycles	4258	1029	294	97	5678
Transfers	3240	793	218	69	4320
Number per delivery: 1/2/3	390/57/0	74/9/0	15/3/0	2/0/0	481/69/0
Delivery rate per initiated cycle	454/4419 (10.3%) (10.2% - 10.9%)	85/1084 (7.8%) (7.8% - 8.2%)	18/310 (5.8%) (5.8% - 5.8%)	2/100 (2.0%) (1.9% - 4.9%)	559/5913 (9.5%) (9.4% - 10.0%)
Delivery rate per thawing cycle	454/4226 (10.7%) (10.7% - 11.4%)	85/1025 (8.3%) (8.3% - 8.6%)	18/294 (6.1%) (6.1% - 6.1%)	2/94 (2.1%) (2.1% - 5.2%)	559/5639 (9.9%) (9.8% - 10.5%)
Delivery rate per embryo transfer	454/3211 (14.1%) (14.0% - 14.9%)	85/789 (10.8%) (10.7% - 11.2%)	18/218 (8.3%) (8.3% - 8.3%)	2/66 (3.0%) (2.9% - 7.2%)	559/4284 (13.0%) (12.9% - 13.8%)

NA=no cycles with data available.

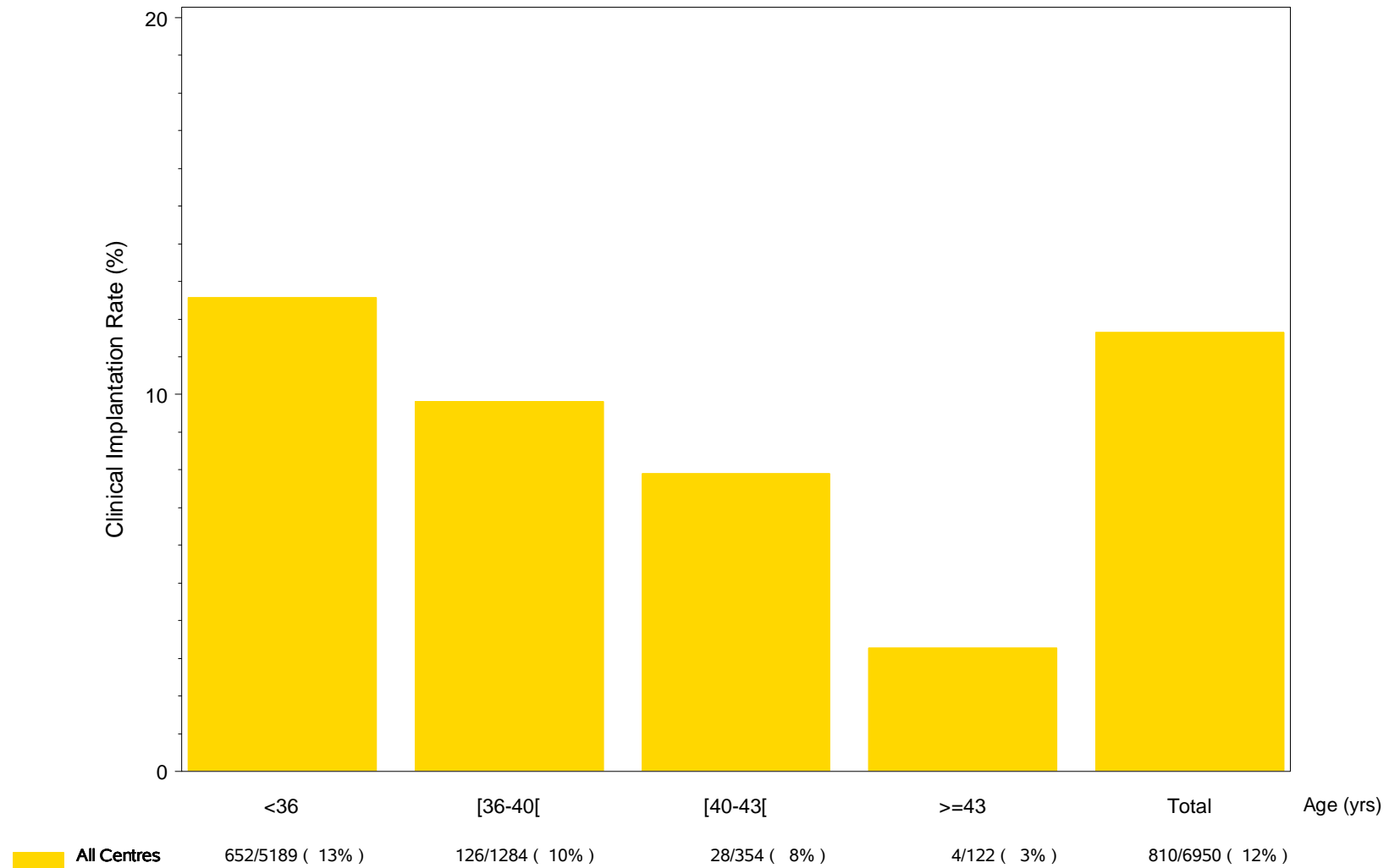
In the calculation of the ratios, only cycles with available data are considered. In the line underneath, the range expresses the minimum and maximum possible rates when accounting for missing data by considering missing delivery as negative and positive, respectively.

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



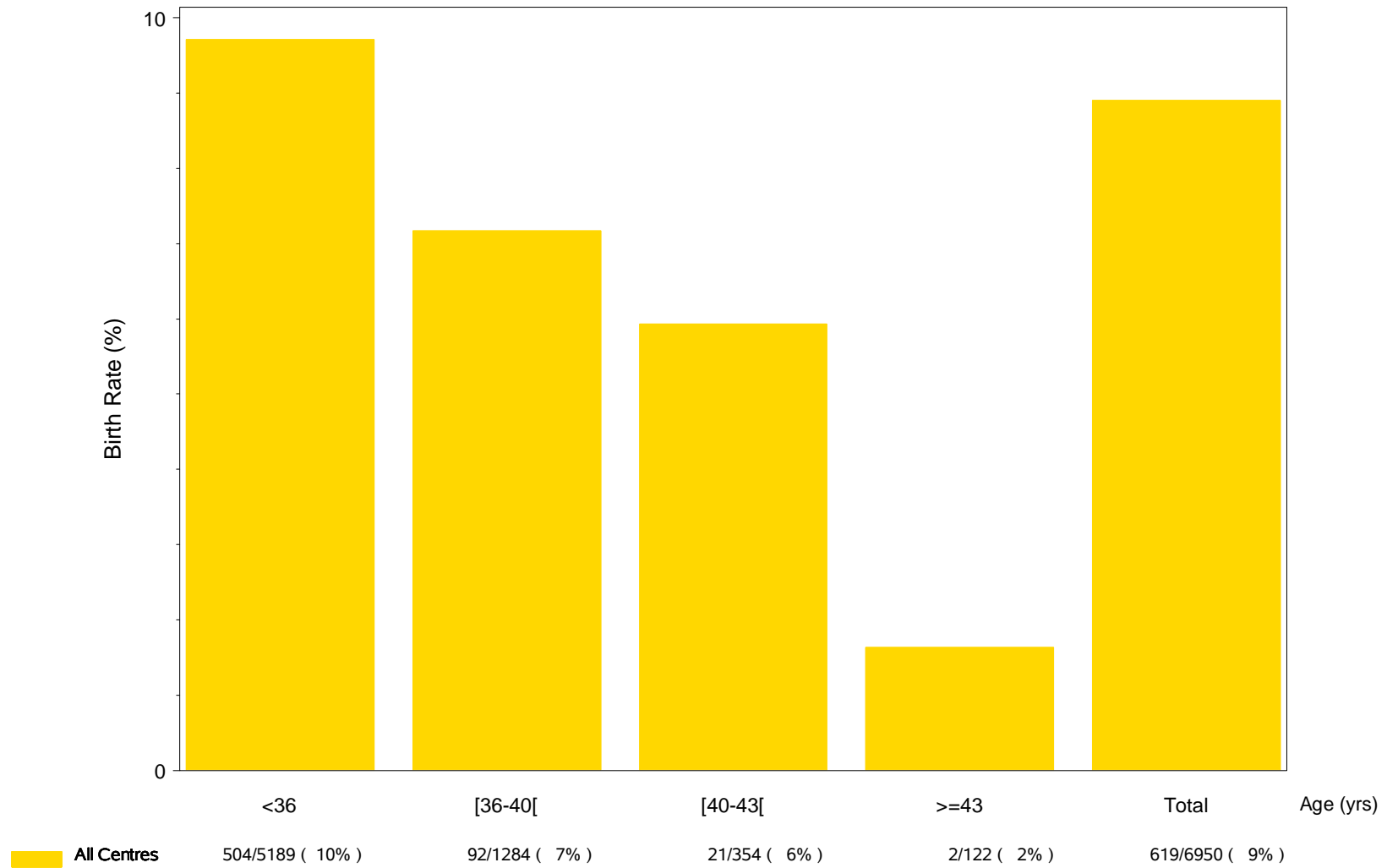
n/N (%) where n = Total number of uterine sacs; N = Total number of embryos transferred; %= n\*100/N; NA = No cycles with data available.

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



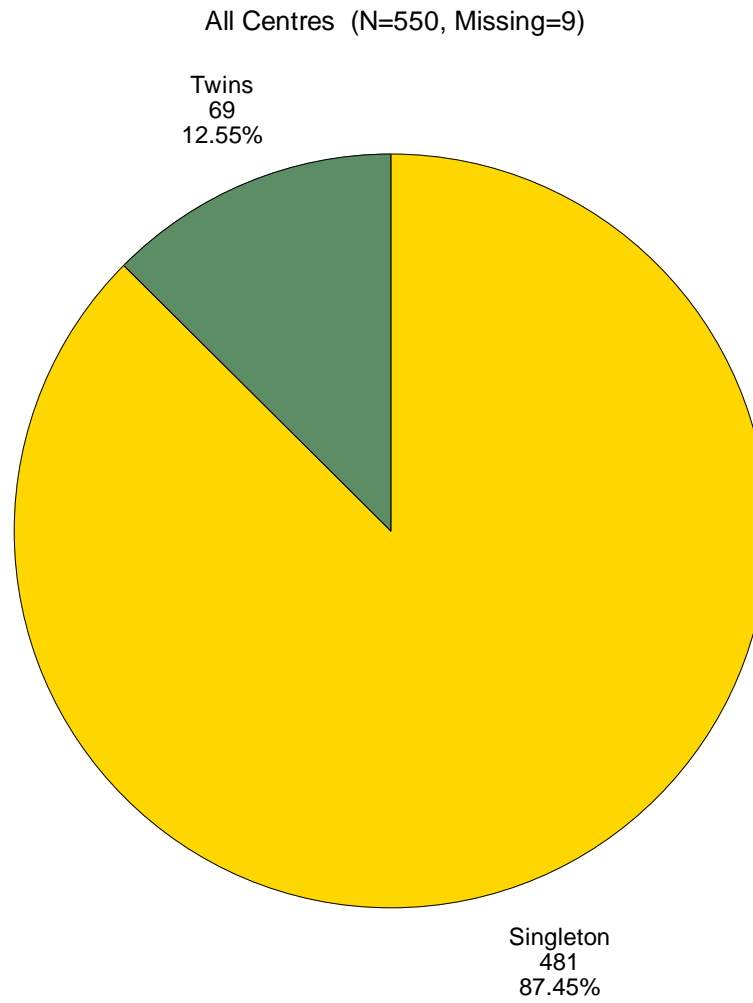
n/N (%) where n = Total number of FHB; N = Total number of embryos transferred; %= n\*100/N; NA = No cycles with data available.

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



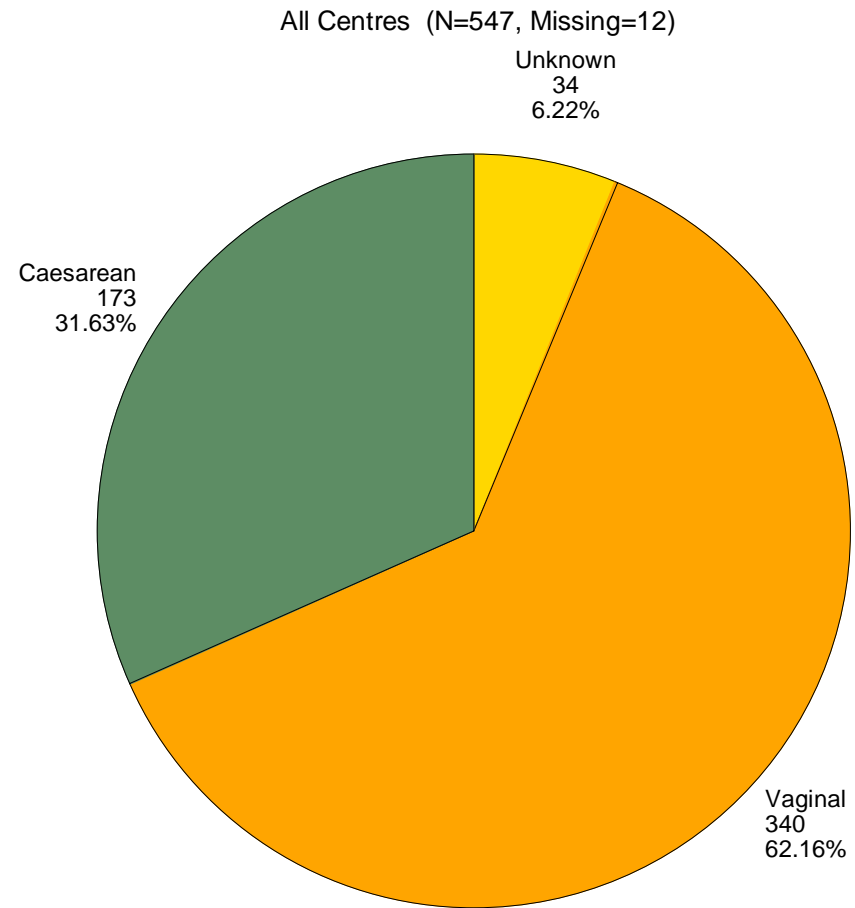
n/N (%) where n = Total number of babies; N = Total number of embryos transferred; %= n\*100/N; NA = No cycles with data available.

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**

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<b>All Centres (N=619, Missing=9)</b>	
<b>Sex of baby</b>	
Male	318/619 ( 51.37%)
Female	296/619 ( 47.82%)
Unknown	5/619 ( 0.81%)

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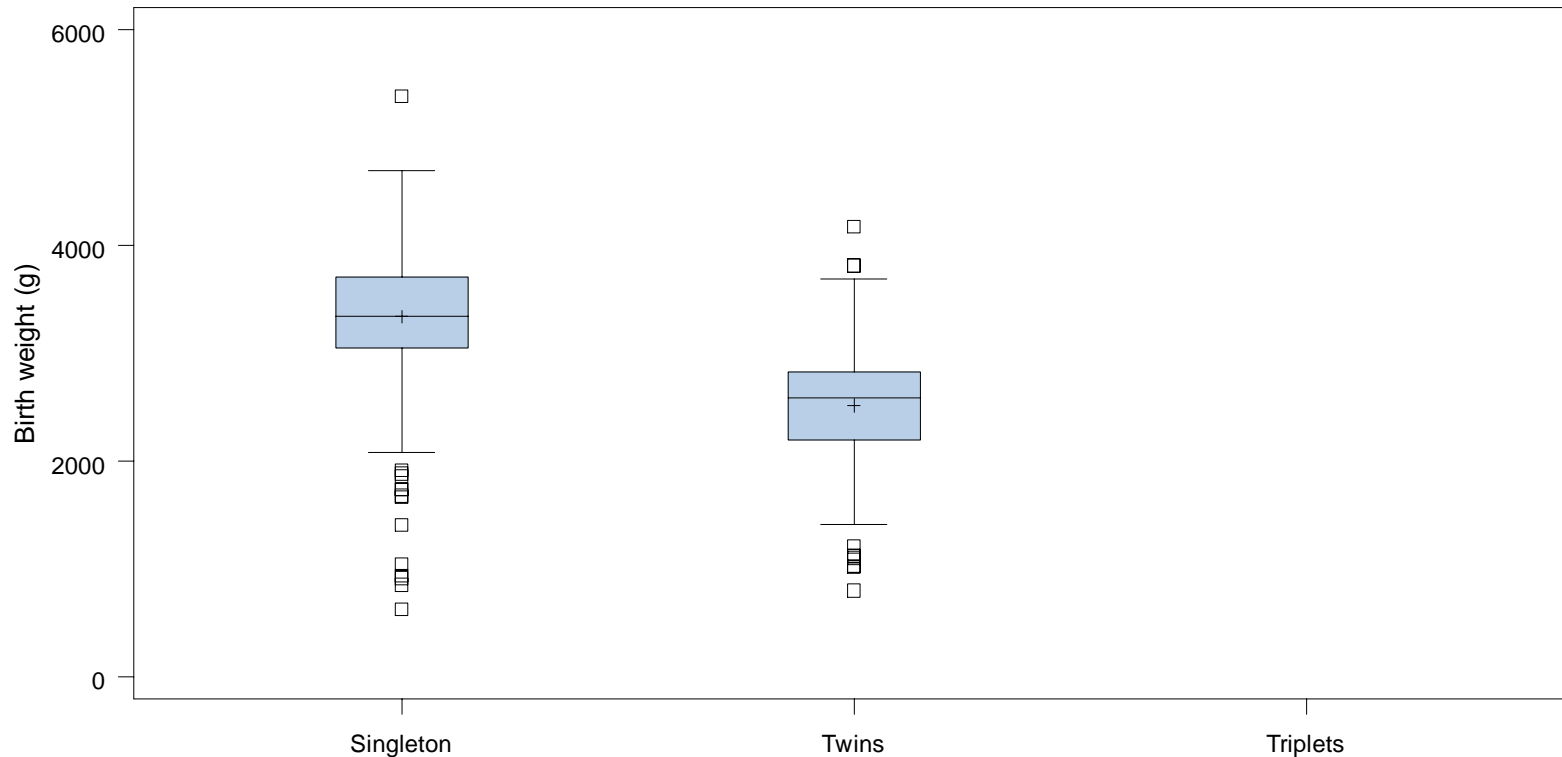
**Table 3.15 Own cryo cycles: Birth weight**

	<b>Statistic</b>	<b>All Centres (N=599, Missing=29)</b>
<b>Birth weight (g)</b>		
Singletons	N	467
	Mean	3341.4
	Std	597.45
	Median	3345.0
	IQR	(3050.0; 3710.0)
Twins	N	132
	Mean	2519.4
	Std	574.55
	Median	2585.0
	IQR	(2200.0; 2830.0)

**Table 3.16 Own cryo cycles: Gestational age at delivery**

	Statistic	All Centres (N=514, Missing=114)
<b>Gestational age at delivery (weeks)</b>		
Singletons	N	394
	Mean	38.9
	Std	2.40
	Median	39.3
	IQR	(38.3; 40.3)
Twins	N	120
	Mean	36.2
	Std	2.62
	Median	36.9
	IQR	(35.1; 37.6)

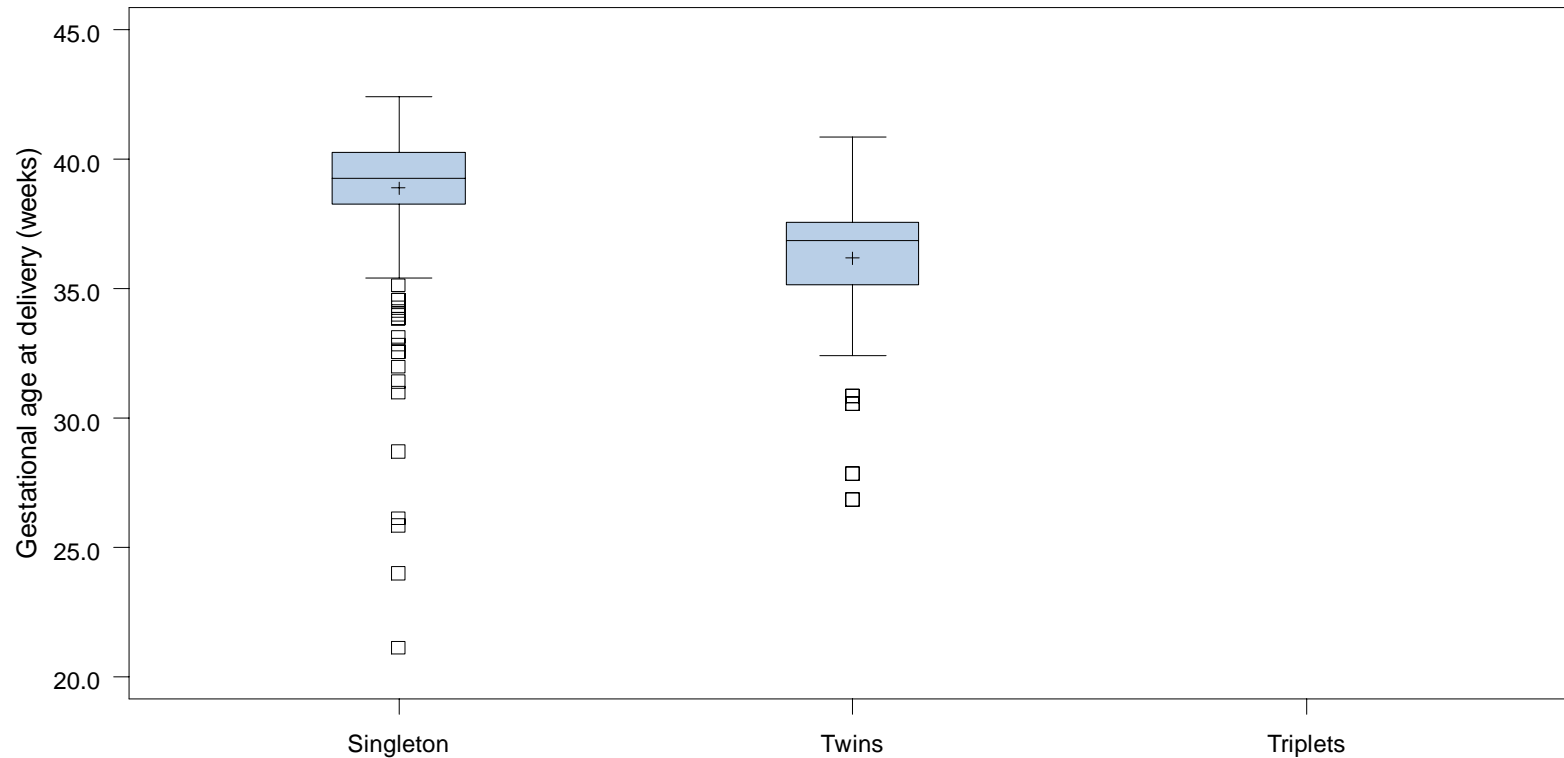
Figure 3.17 Own cryo cycles: Birth weight (boxplot)



	Singleton	Twins	Triplets
N	467	132	
Missing	14	6	
Mean	3341.4	2519.4	
SD	597.45	574.55	
Median	3345.0	2585.0	
(Min,Max)	(630,5390)	(800,4180)	
(Q1,Q3)	(3050,3710)	(2200,2830)	

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
<b>All Centres</b>			
N	394	120	
Missing	87	18	
Mean	38.9	36.2	
SD	2.40	2.62	
Median	39.3	36.9	
(Min,Max)	(21,42)	(27,41)	
(Q1,Q3)	(38,40)	(35,38)	

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.

**Table 3.19 Own cryo 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	
<b>All Centres (N=454, Missing=105)</b>				
< 32	7 (1.8%)	4 (6.7%)	NA	11 (2.4%)
[32-37[	36 (9.1%)	30 (50.0%)	NA	66 (14.5%)
>=37	351 (89.1%)	26 (43.3%)	NA	377 (83.0%)
Total	394 (100.0%)	60 (100.0%)	NA	454 (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	
<b>All Centres (N=599, Missing=29)</b>				
< 1500	6 (1.3%)	8 (6.1%)	NA	14 (2.3%)
[1500-2500[	21 (4.5%)	52 (39.4%)	NA	73 (12.2%)
>= 2500	440 (94.2%)	72 (54.5%)	NA	512 (85.5%)
Total	467 (100.0%)	132 (100.0%)	NA	599 (100.0%)

NA: no available data

#### Section 4: Fresh recipient cycles

Table 4.1 Fresh recipient cycles: Overview of cycles

Cycle	All Centres
Initiated	697 (100.0%)
Cancelled	83 (11.9%)
At least one oocyte received	614 (88.1%)
Embryo Transfer	562 (80.6%)

Figure 4.2 Fresh recipient cycles: Female age and laborank

All Centres (N=560, Missing=137)

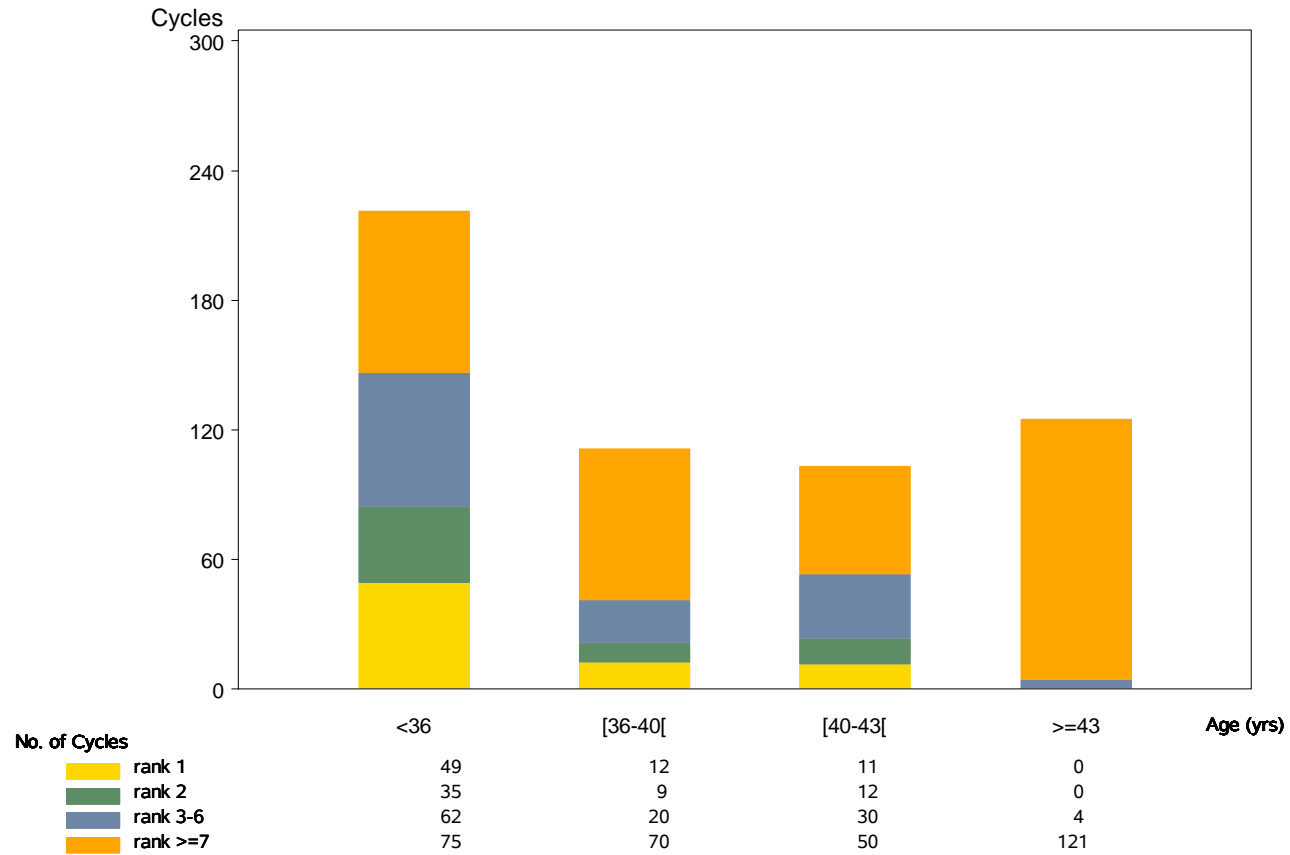


Figure 4.3 Fresh recipient cycles: Female age distribution

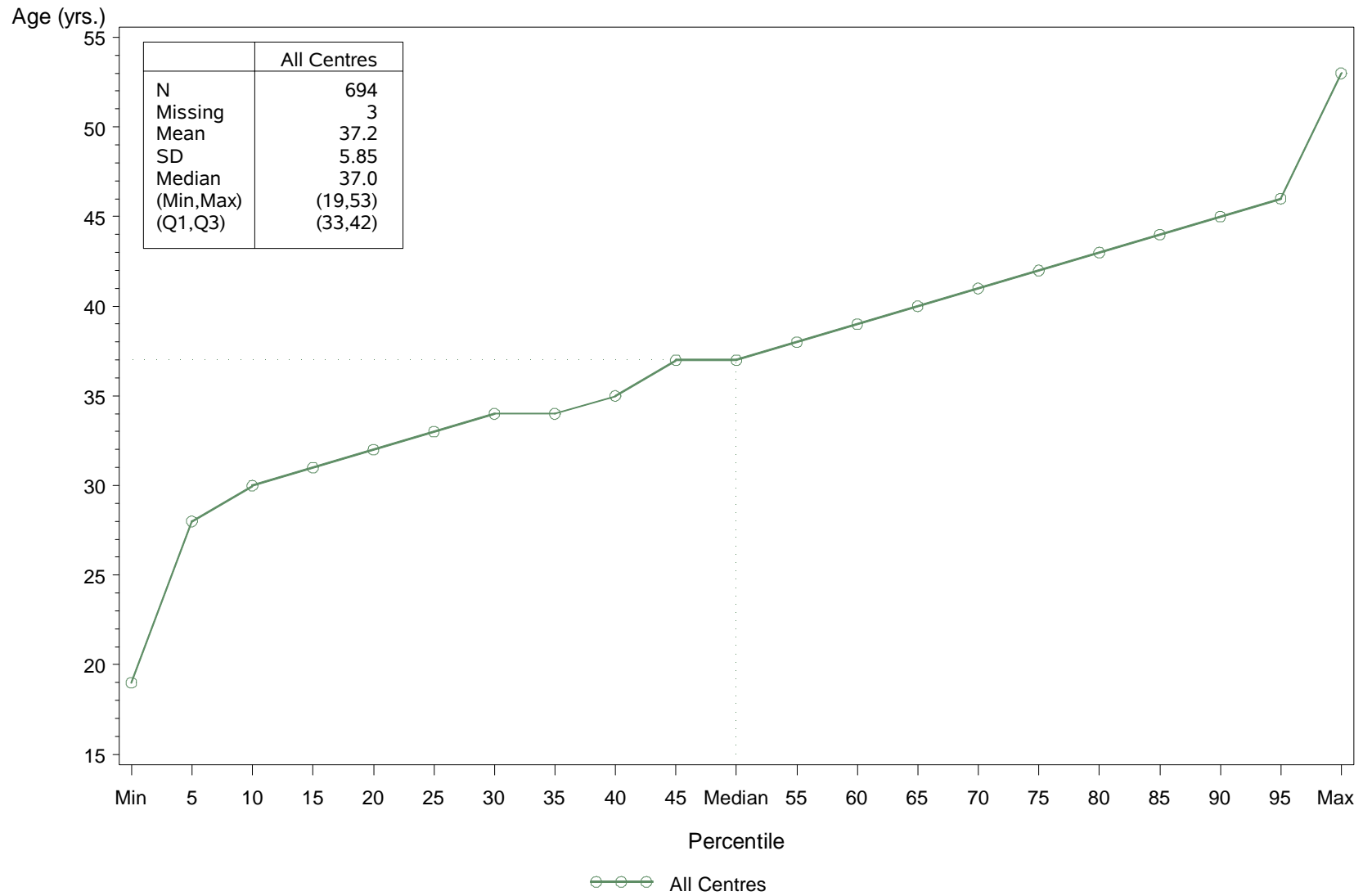
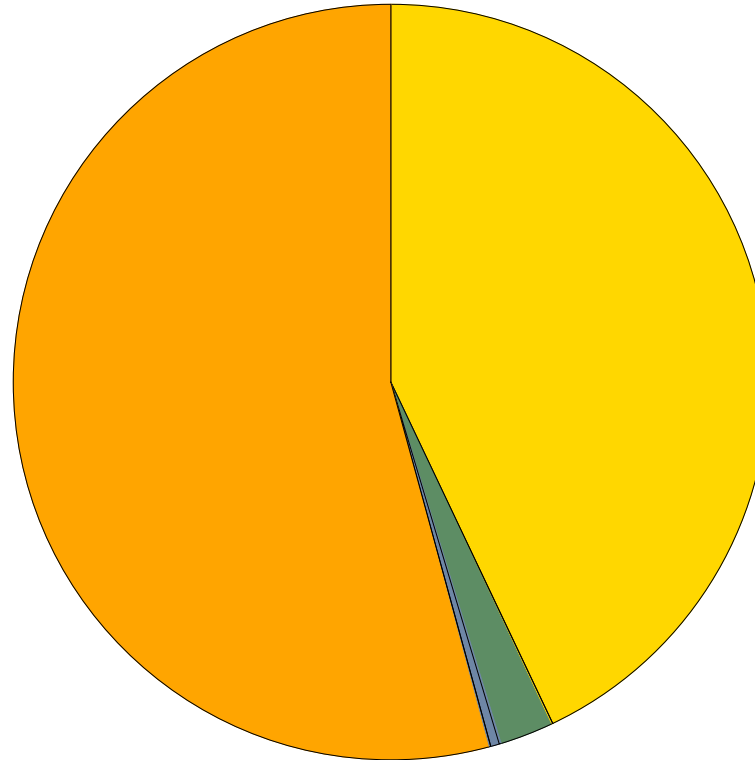






Figure 4.4 Fresh recipient cycles: Pituitary inhibition

All Centres (N=577, Missing=120)



Pituitary Inhibition

	Agonist - long	n (%) = 248 ( 42.98%)
	Agonist - short	n (%) = 14 ( 2.43%)
	Antagonist	n (%) = 2 ( 0.35%)
	None	n (%) = 313 ( 54.25%)

**Table 4.5 Fresh recipient cycles: Stimulation protocol**

	<b>Statistic</b>	<b>All Centres (N=631, Missing=66)</b>
<b>Stimulation protocol</b>		
Gonadotrophins	n/N (%)	2/631 ( 0.32%)
Gonadotrophins recombinant	n/N (%)	2/631 ( 0.32%)
Clomiphene + Gonadotrophins	n/N (%)	1/631 ( 0.16%)
Substitution	n/N (%)	573/631 ( 90.81%)
None	n/N (%)	37/631 ( 5.86%)
Other	n/N (%)	16/631 ( 2.54%)

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

Age (yrs.)	< 36	[36-40[	[40-43[	>=43	All ages
<b>All Centres (N=694, Missing=3)</b>					
Cycles	278	141	124	151	694
At least one oocyte received	245	124	112	130	611
Transfers	226	109	104	123	562
HCG + per initiated cycle	74/273 (27.1%) (26.6% - 28.4%)	36/137 (26.3%) (25.5% - 28.4%)	40/120 (33.3%) (32.3% - 35.5%)	56/146 (38.4%) (37.1% - 40.4%)	206/676 (30.5%) (29.7% - 32.3%)
HCG + per cycles with at least one oocyte received	74/240 (30.8%) (30.2% - 32.2%)	36/120 (30.0%) (29.0% - 32.3%)	40/108 (37.0%) (35.7% - 39.3%)	56/125 (44.8%) (43.1% - 46.9%)	206/593 (34.7%) (33.7% - 36.7%)
HCG + per embryo transfer	74/221 (33.5%) (32.7% - 35.0%)	36/106 (34.0%) (33.0% - 35.8%)	40/100 (40.0%) (38.5% - 42.3%)	56/118 (47.5%) (45.5% - 49.6%)	206/545 (37.8%) (36.7% - 39.7%)

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

Age (yrs.)	< 36	[36-40[	[40-43[	>=43	All ages
<b>All Centres (N=694, Missing=3)</b>					
Cycles	278	141	124	151	694
At least one oocyte received	245	124	112	130	611
Transfers	226	109	104	123	562
Clinical Pregnancy* per initiated cycle	55/278 (19.8%) (19.8% - 19.8%)	27/140 (19.3%) (19.1% - 19.9%)	31/124 (25.0%) (25.0% - 25.0%)	45/151 (29.8%) (29.8% - 29.8%)	158/693 (22.8%) (22.8% - 22.9%)
Clinical Pregnancy* per cycles with at least one oocyte received	55/245 (22.4%) (22.4% - 22.4%)	27/123 (22.0%) (21.8% - 22.6%)	31/112 (27.7%) (27.7% - 27.7%)	45/130 (34.6%) (34.6% - 34.6%)	158/610 (25.9%) (25.9% - 26.0%)
Clinical Pregnancy* per embryo transfer	55/226 (24.3%) (24.3% - 24.3%)	27/109 (24.8%) (24.8% - 24.8%)	31/104 (29.8%) (29.8% - 29.8%)	45/123 (36.6%) (36.6% - 36.6%)	158/562 (28.1%) (28.1% - 28.1%)

NA=no cycles with data available.

\*: Clinical pregnancy is defined as the presence of intra- or extra-uterine sacs on an ultrasound scan.

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
<b>All Centres (N=694, Missing=3)</b>					
Cycles	278	141	124	151	694
At least one oocyte received	245	124	112	130	611
Transfers	226	109	104	123	562
FHB: 1/2/3/...	33/7/2/0	15/6/0/0	19/9/0/0	25/8/1/1	92/30/3/1
Clinical Pregnancy* + FHB per initiated cycle	42/272 (15.4%) (15.1% - 17.3%)	21/137 (15.3%) (14.9% - 17.7%)	28/122 (23.0%) (22.6% - 24.2%)	35/145 (24.1%) (23.2% - 27.2%)	126/676 (18.6%) (18.2% - 20.7%)
Clinical Pregnancy* + FHB per cycles with at least one oocyte received	42/239 (17.6%) (17.1% - 19.6%)	21/120 (17.5%) (16.9% - 20.2%)	28/110 (25.5%) (25.0% - 26.8%)	35/124 (28.2%) (26.9% - 31.5%)	126/593 (21.2%) (20.6% - 23.6%)
Clinical Pregnancy* + FHB per embryo transfer	42/220 (19.1%) (18.6% - 21.2%)	21/106 (19.8%) (19.3% - 22.0%)	28/102 (27.5%) (26.9% - 28.8%)	35/117 (29.9%) (28.5% - 33.3%)	126/545 (23.1%) (22.4% - 25.4%)

NA=no cycles with data available. \*: Clinical pregnancy is defined as the presence of intra- or extra-uterine sacs on an ultrasound scan. 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.

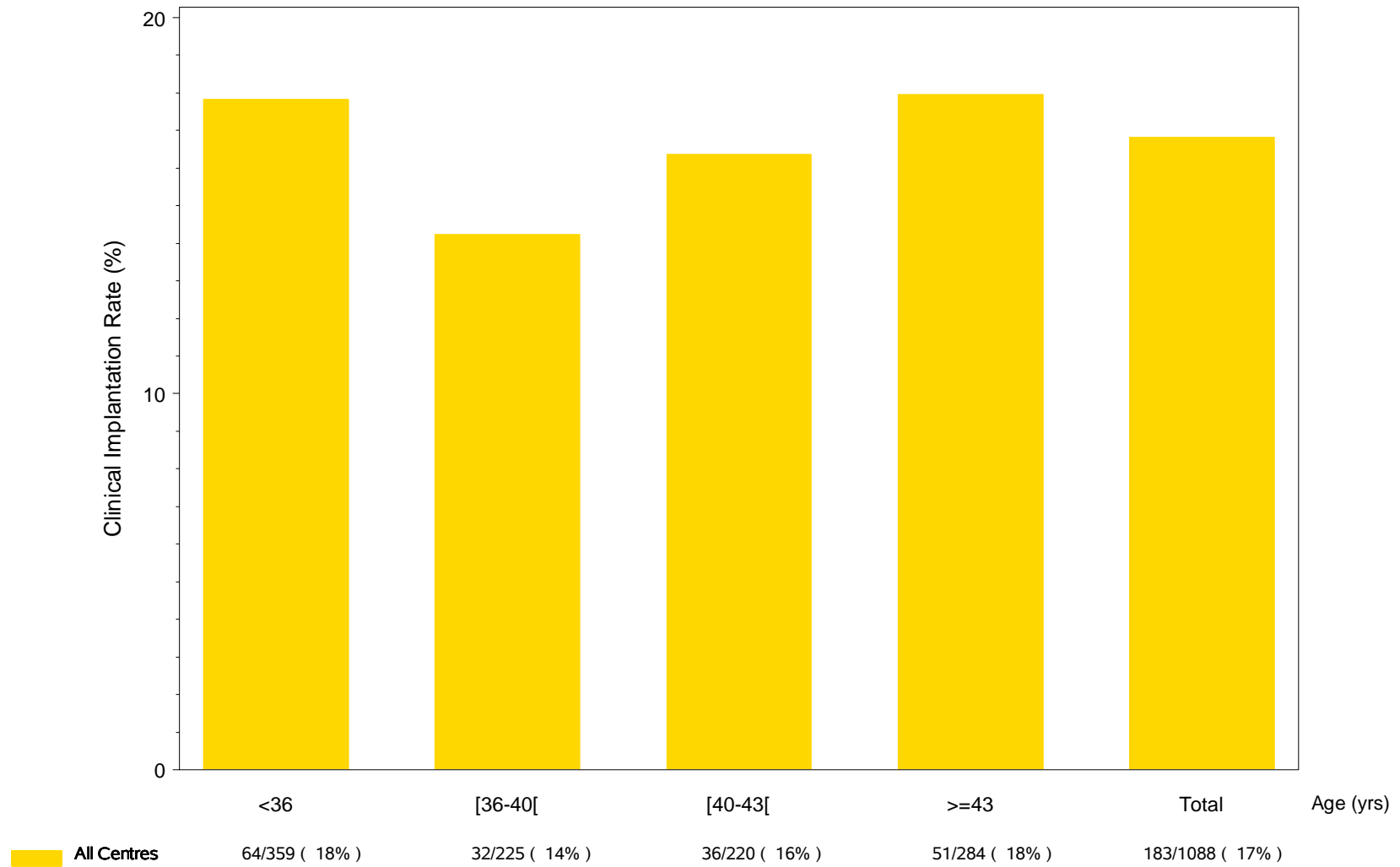
**Table 4.9 Fresh recipient cycles: Number of deliveries according to age**

Age (yrs.)	< 36	[36-40[	[40-43[	>=43	All ages
<b>All Centres (N=694, Missing=3)</b>					
Cycles	278	141	124	151	694
At least one oocyte received	245	124	112	130	611
Transfers	226	109	104	123	562
Number per delivery: 1/2/3	27/6/1	9/4/0	16/4/0	19/3/1	71/17/2
Delivery rate per initiated cycle	36/274 (13.1%) (12.9% - 14.4%)	13/136 (9.6%) (9.2% - 12.8%)	20/119 (16.8%) (16.1% - 20.2%)	25/149 (16.8%) (16.6% - 17.9%)	94/678 (13.9%) (13.5% - 15.9%)
Delivery rate per cycles with at least one oocyte received	36/241 (14.9%) (14.7% - 16.3%)	13/119 (10.9%) (10.5% - 14.5%)	20/107 (18.7%) (17.9% - 22.3%)	25/128 (19.5%) (19.2% - 20.8%)	94/595 (15.8%) (15.4% - 18.0%)
Delivery rate per embryo transfer	36/222 (16.2%) (15.9% - 17.7%)	13/105 (12.4%) (11.9% - 15.6%)	20/99 (20.2%) (19.2% - 24.0%)	25/121 (20.7%) (20.3% - 22.0%)	94/547 (17.2%) (16.7% - 19.4%)

NA=no cycles with data available.

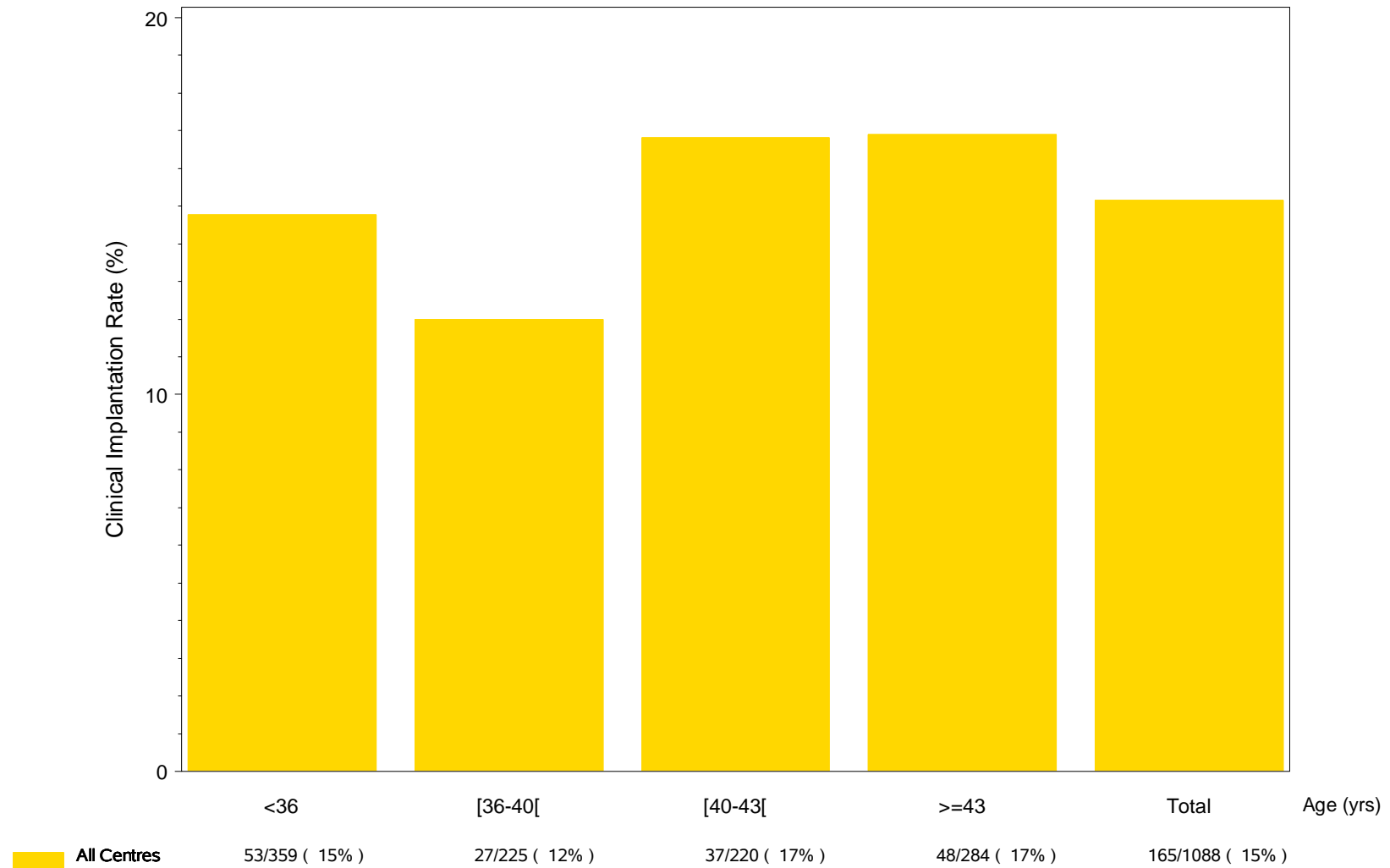
In the calculation of the ratios, only cycles with available data are considered. In the line underneath, the range expresses the minimum and maximum possible rates when accounting for missing data by considering missing delivery as negative and positive, respectively.

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



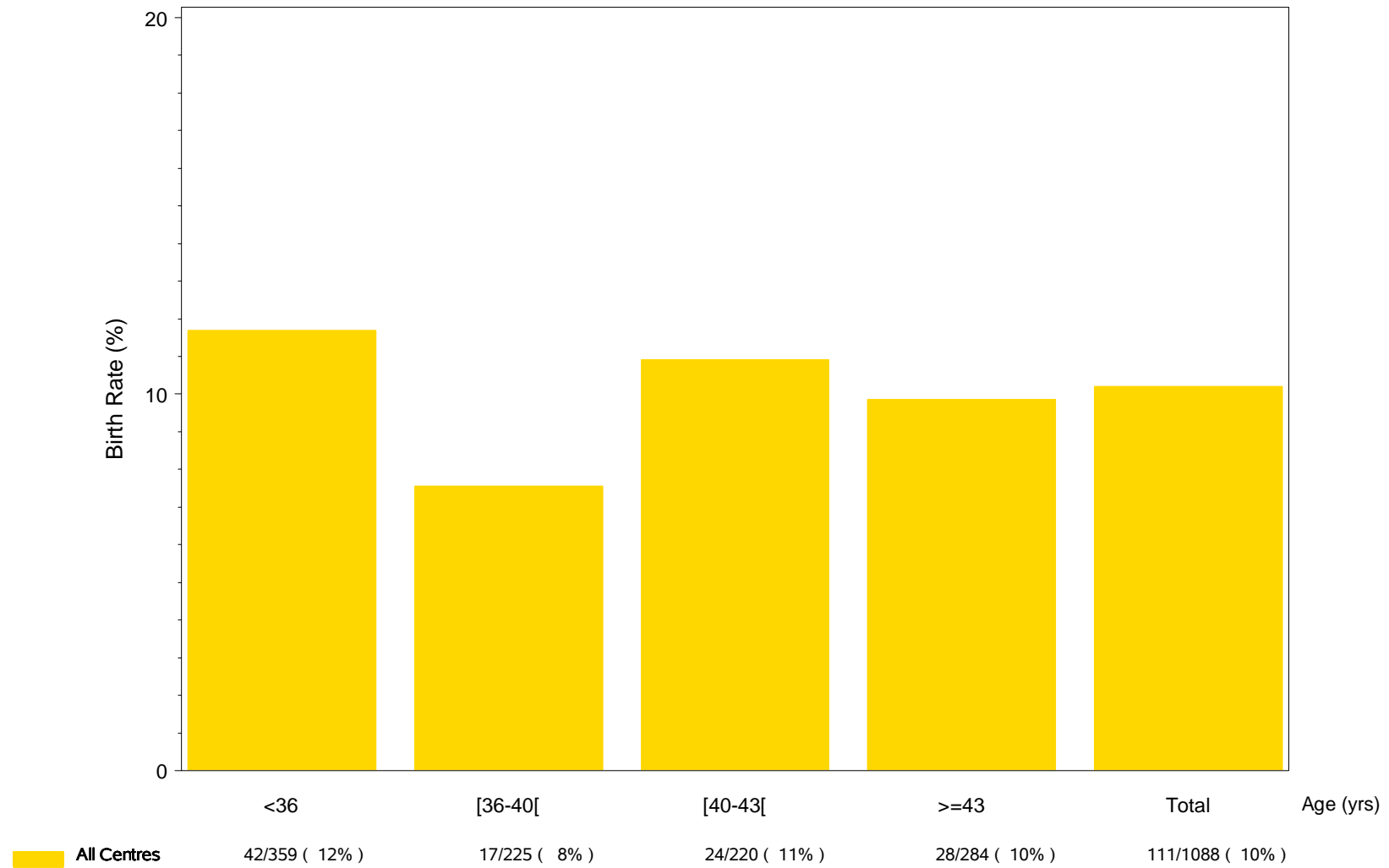
n/N (%) where n = Total number of uterine sacs; N = Total number of embryos transferred; %= n\*100/N; NA = No cycles with data available.

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



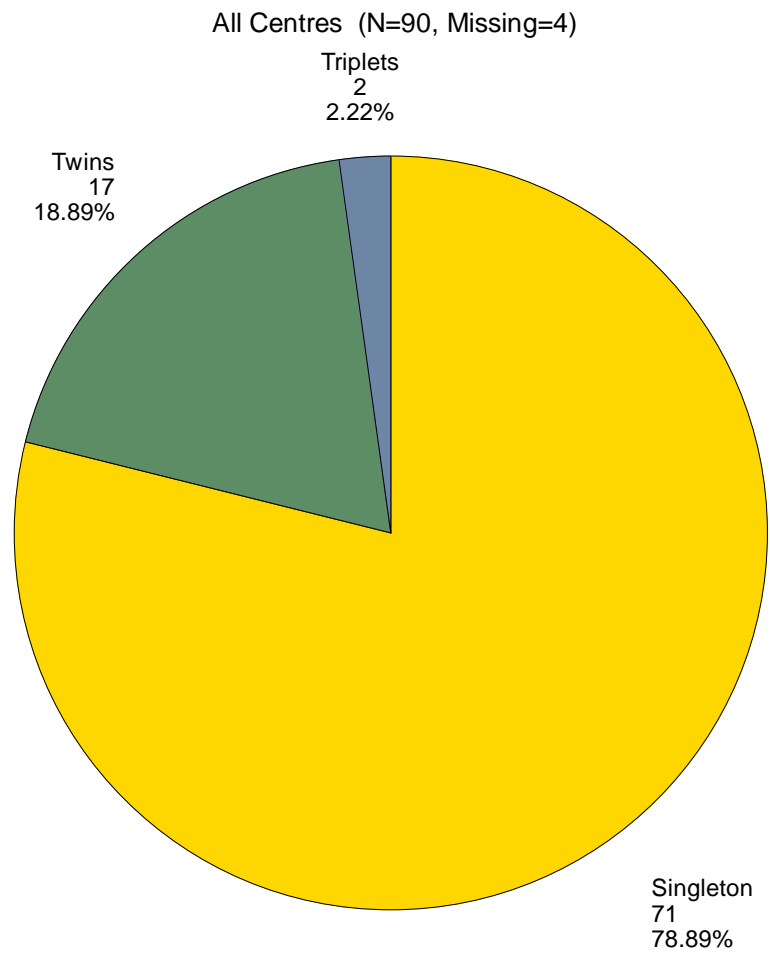
n/N (%) where n = Total number of FHB; N = Total number of embryos transferred; %= n\*100/N; NA = No cycles with data available.

Figure 4.12 Fresh recipient cycles: Birth rate per transferred embryo according to age



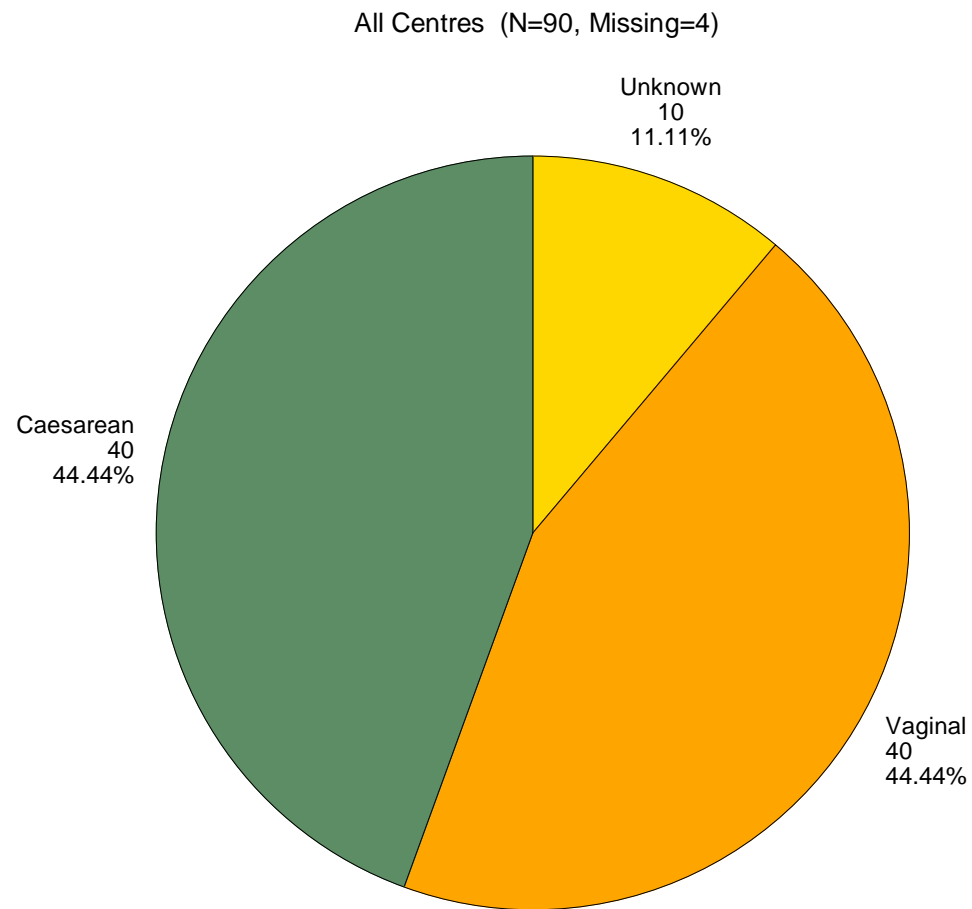
n/N (%) where n = Total number of babies; N = Total number of embryos transferred; %= n\*100/N; NA = No cycles with data available.

Figure 4.13 Fresh recipient cycles: Number of deliveries



Deliveries of twins or triplets are only counted once.

**Table 4.14 Fresh recipient cycles: Type of deliveries**



Deliveries of twins or triplets are only counted once.

**Table 4.15 Fresh recipient cycles: Sex of babies**

---

<b>All Centres (N=111, Missing=4)</b>	
<b>Sex of baby</b>	
Male	55/111 ( 49.55%)
Female	48/111 ( 43.24%)
Unknown	8/111 ( 7.21%)

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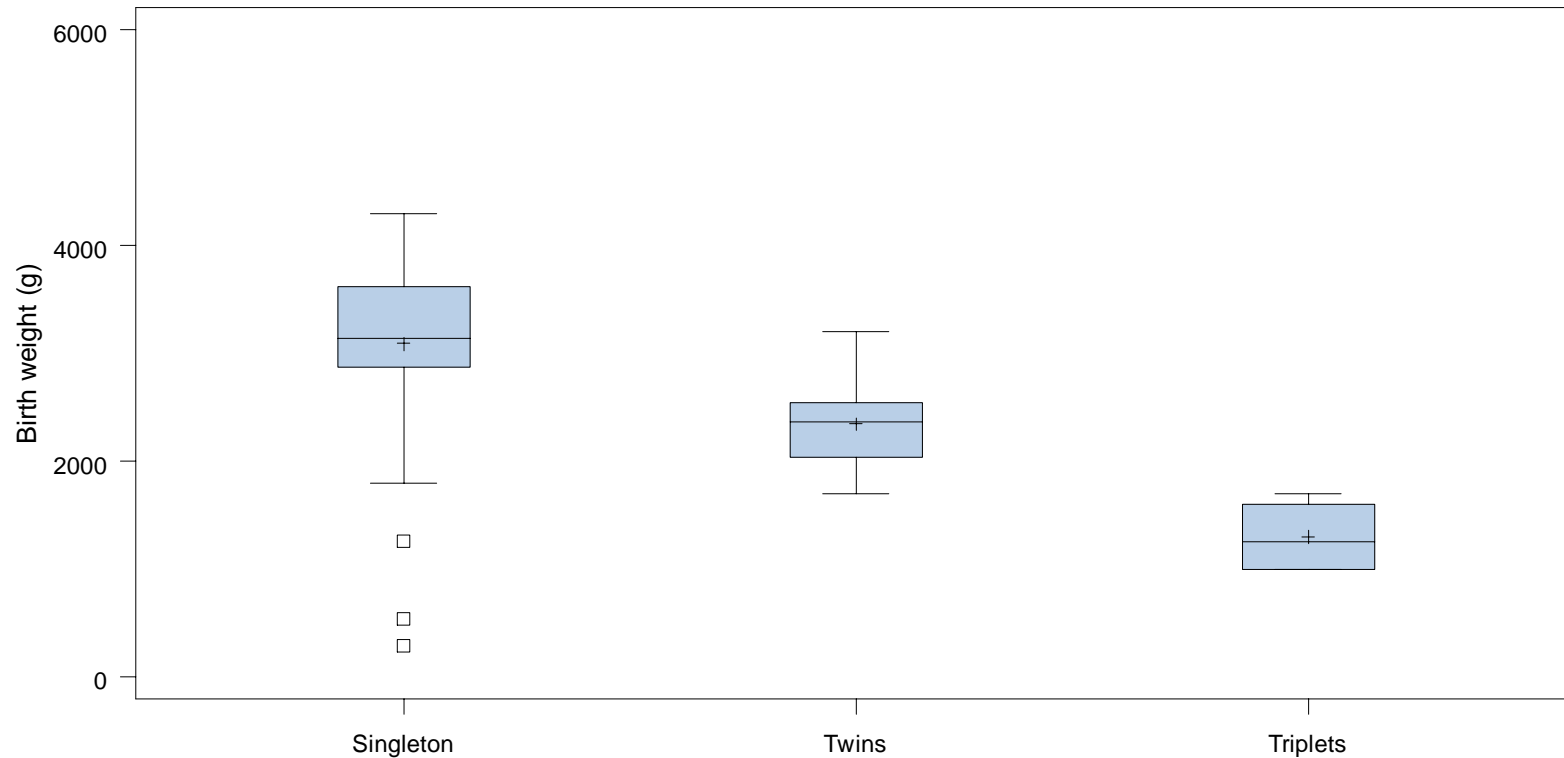
**Table 4.16 Fresh recipient cycles: Birth weight**

	<b>Statistic</b>	<b>All Centres (N=105, Missing=10)</b>
<b>Birth Weight (g)</b>		
Singletons	N	67
	Mean	3091.0
	Std	756.72
	Median	3140.0
	IQR	(2870.0; 3620.0)
Twins	N	32
	Mean	2344.2
	Std	385.76
	Median	2370.0
	IQR	(2035.0; 2545.0)
Triplets	N	6
	Mean	1300.0
	Std	309.84
	Median	1250.0
	IQR	(1000.0; 1600.0)

**Table 4.17 Fresh recipient cycles: Gestational age at delivery**

	<b>Statistic</b>	<b>All Centres (N=100, Missing=15)</b>
<b>Gestational age at delivery (weeks)</b>		
Singletons	N	66
	Mean	38.1
	Std	2.86
	Median	39.0
	IQR	(37.1; 39.9)
Twins	N	34
	Mean	35.7
	Std	1.76
	Median	35.7
	IQR	(34.0; 37.1)

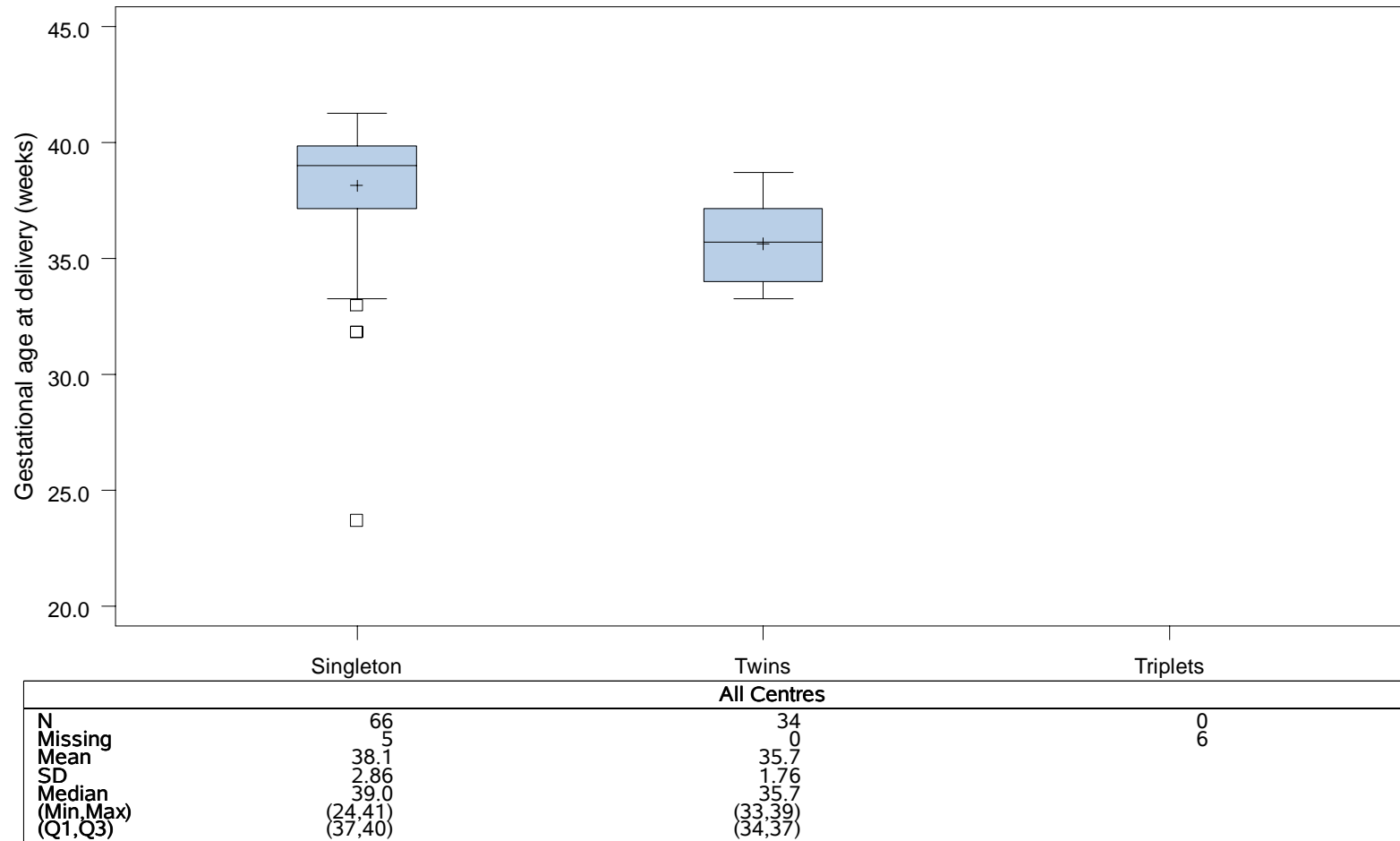
Figure 4.18 Fresh recipient cycles: Birth weight (boxplot)



	Singleton	Twins	Triplets
<b>All Centres</b>			
N	67	32	6
Missing	4	2	0
Mean	3091.0	2344.2	1300.0
SD	756.72	385.76	309.84
Median	3140.0	2370.0	1250.0
(Min,Max)	(290,4300)	(1695,3200)	(1000,1700)
(Q1,Q3)	(2870,3620)	(2035,2545)	(1000,1600)

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

Figure 4.19 Fresh recipient cycles: Gestational age at delivery (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 4.20 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	
<b>All Centres (N=83, Missing=11)</b>				
< 32	3 (4.5%)	NA	NA	3 (3.6%)
[32-37[	11 (16.7%)	12 (70.6%)	NA	23 (27.7%)
>=37	52 (78.8%)	5 (29.4%)	NA	57 (68.7%)
Total	66 (100.0%)	17 (100.0%)	NA	83 (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			Total
	Singletons	Twins	Triplets	
<b>All Centres (N=105, Missing=10)</b>				
< 1500	3 (4.5%)	NA	4 (66.7%)	7 (6.7%)
[1500-2500[	7 (10.4%)	22 (68.8%)	2 (33.3%)	31 (29.5%)
>= 2500	57 (85.1%)	10 (31.3%)	NA	67 (63.8%)
Total	67 (100.0%)	32 (100.0%)	6 (100.0%)	105 (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	200 (100.0%)
Cancelled	8 (4.0%)
Thawed	192 (96.0%)
Embryo Transfer	147 (73.5%)

**Table 5.2 Cryo recipient cycles: Number of embryos transferred**

	<b>All Centres</b>
<b>Number of cycles with transfer</b>	147
<b>Number of embryos transferred</b>	
1	80/147 ( 54.42%)
2	59/147 ( 40.14%)
3	6/147 ( 4.08%)
>3	2/147 ( 1.36%)
<b>Total number of embryos transferred</b>	224

Based on all cycles with at least one embryo transferred.

**Table 5.3 Cryo recipient cycles: Pituitary inhibition**

	<b>Statistic</b>	<b>All Centres (N=140, Missing=60)</b>
<b>Pituitary inhibition</b>		
Yes	n/N (%)	27/140 ( 19.29%)
No	n/N (%)	113/140 ( 80.71%)

**Table 5.4 Cryo recipient cycles: Stimulation protocol**

	<b>Statistic</b>	<b>All Centres (N=194, Missing=6)</b>
<b>Stimulation protocol</b>		
Clomiphene	n/N (%)	14/194 ( 7.22%)
Gonadotrophins	n/N (%)	20/194 ( 10.31%)
Substitution	n/N (%)	127/194 ( 65.46%)
None	n/N (%)	25/194 ( 12.89%)
Other	n/N (%)	8/194 ( 4.12%)

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

Age (yrs.)	< 36	[36-40[	[40-43[	>=43	All ages
<b>All Centres (N=190, Missing=10)</b>					
Cycles	80	45	34	31	190
Thawing cycles	77	45	31	29	182
Transfers	61	38	21	27	147
HCG + per initiated cycle	12/80 (15.0%) (15.0% - 15.0%)	9/45 (20.0%) (20.0% - 20.0%)	7/34 (20.6%) (20.6% - 20.6%)	4/30 (13.3%) (12.9% - 16.1%)	32/189 (16.9%) (16.8% - 17.4%)
HCG + per thawing cycle	12/77 (15.6%) (15.6% - 15.6%)	9/45 (20.0%) (20.0% - 20.0%)	7/31 (22.6%) (22.6% - 22.6%)	4/28 (14.3%) (13.8% - 17.2%)	32/181 (17.7%) (17.6% - 18.1%)
HCG + per embryo transfer	12/61 (19.7%) (19.7% - 19.7%)	9/38 (23.7%) (23.7% - 23.7%)	7/21 (33.3%) (33.3% - 33.3%)	4/26 (15.4%) (14.8% - 18.5%)	32/146 (21.9%) (21.8% - 22.4%)

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

Age (yrs.)	< 36	[36-40[	[40-43[	>=43	All ages
<b>All Centres (N=190, Missing=10)</b>					
Cycles	80	45	34	31	190
Thawing cycles	77	45	31	29	182
Transfers	61	38	21	27	147
Clinical Pregnancy* per initiated cycle	10/80 (12.5%) (12.5% - 12.5%)	7/45 (15.6%) (15.6% - 15.6%)	6/34 (17.6%) (17.6% - 17.6%)	3/31 (9.7%) (9.7% - 9.7%)	26/190 (13.7%) (13.7% - 13.7%)
Clinical Pregnancy* per thawing cycle	10/77 (13.0%) (13.0% - 13.0%)	7/45 (15.6%) (15.6% - 15.6%)	6/31 (19.4%) (19.4% - 19.4%)	3/29 (10.3%) (10.3% - 10.3%)	26/182 (14.3%) (14.3% - 14.3%)
Clinical Pregnancy* per embryo transfer	10/61 (16.4%) (16.4% - 16.4%)	7/38 (18.4%) (18.4% - 18.4%)	6/21 (28.6%) (28.6% - 28.6%)	3/27 (11.1%) (11.1% - 11.1%)	26/147 (17.7%) (17.7% - 17.7%)

NA=no cycles with data available.

\*: Clinical pregnancy is defined as the presence of intra- or extra-uterine sacs on an ultrasound scan.

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
<b>All Centres (N=190, Missing=10)</b>					
Cycles	80	45	34	31	190
Thawing cycles	77	45	31	29	182
Transfers	61	38	21	27	147
FHB: 1/2/3/...	9/0	7/0	5/1	2/0	23/1
Clinical Pregnancy* + FHB per initiated cycle	9/80 (11.3%) (11.3% - 11.3%)	7/45 (15.6%) (15.6% - 15.6%)	6/34 (17.6%) (17.6% - 17.6%)	2/31 (6.5%) (6.5% - 6.5%)	24/190 (12.6%) (12.6% - 12.6%)
Clinical Pregnancy* + FHB per thawing cycle	9/77 (11.7%) (11.7% - 11.7%)	7/45 (15.6%) (15.6% - 15.6%)	6/31 (19.4%) (19.4% - 19.4%)	2/29 (6.9%) (6.9% - 6.9%)	24/182 (13.2%) (13.2% - 13.2%)
Clinical Pregnancy* + FHB per embryo transfer	9/61 (14.8%) (14.8% - 14.8%)	7/38 (18.4%) (18.4% - 18.4%)	6/21 (28.6%) (28.6% - 28.6%)	2/27 (7.4%) (7.4% - 7.4%)	24/147 (16.3%) (16.3% - 16.3%)

NA=no cycles with data available. \*: Clinical pregnancy is defined as the presence of intra- or extra-uterine sacs on an ultrasound scan. 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.

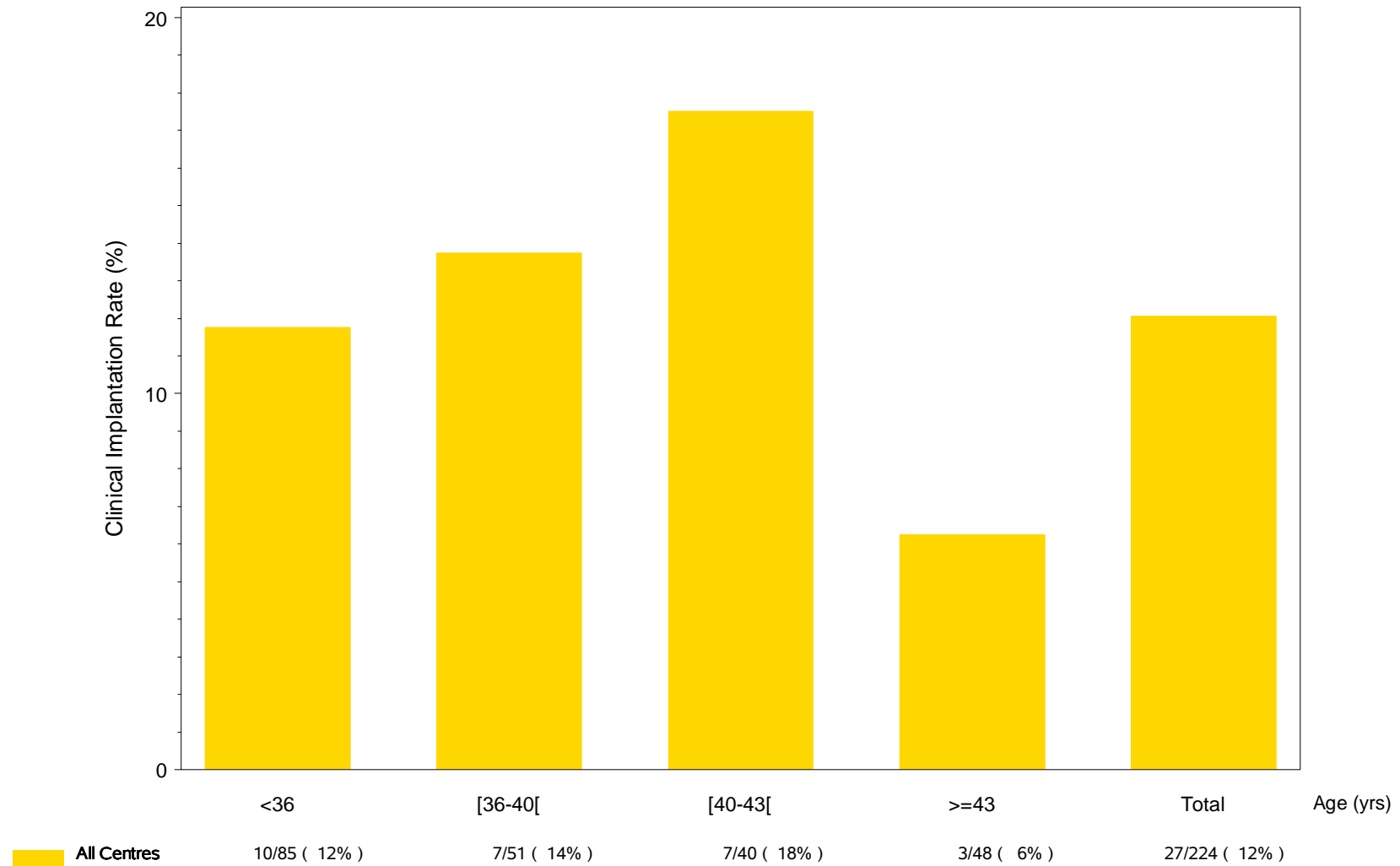
**Table 5.8 Cryo recipient cycles: Number of deliveries according to age**

Age (yrs.)	< 36	[36-40[	[40-43[	>=43	All ages
<b>All Centres (N=190, Missing=10)</b>					
Cycles	80	45	34	31	190
Thawing cycles	77	45	31	29	182
Transfers	61	38	21	27	147
Number per delivery: 1/2/3/...	5/0/0	5/0/0	3/1/0	1/0/0	14/1/0
Delivery rate per initiated cycle	5/80 (6.3%) (6.3% - 6.3%)	5/45 (11.1%) (11.1% - 11.1%)	4/34 (11.8%) (11.8% - 11.8%)	2/31 (6.5%) (6.5% - 6.5%)	16/190 (8.4%) (8.4% - 8.4%)
Delivery rate per thawing cycle	5/77 (6.5%) (6.5% - 6.5%)	5/45 (11.1%) (11.1% - 11.1%)	4/31 (12.9%) (12.9% - 12.9%)	2/29 (6.9%) (6.9% - 6.9%)	16/182 (8.8%) (8.8% - 8.8%)
Delivery rate per embryo transfer	5/61 (8.2%) (8.2% - 8.2%)	5/38 (13.2%) (13.2% - 13.2%)	4/21 (19.0%) (19.0% - 19.0%)	2/27 (7.4%) (7.4% - 7.4%)	16/147 (10.9%) (10.9% - 10.9%)

NA=no cycles with data available.

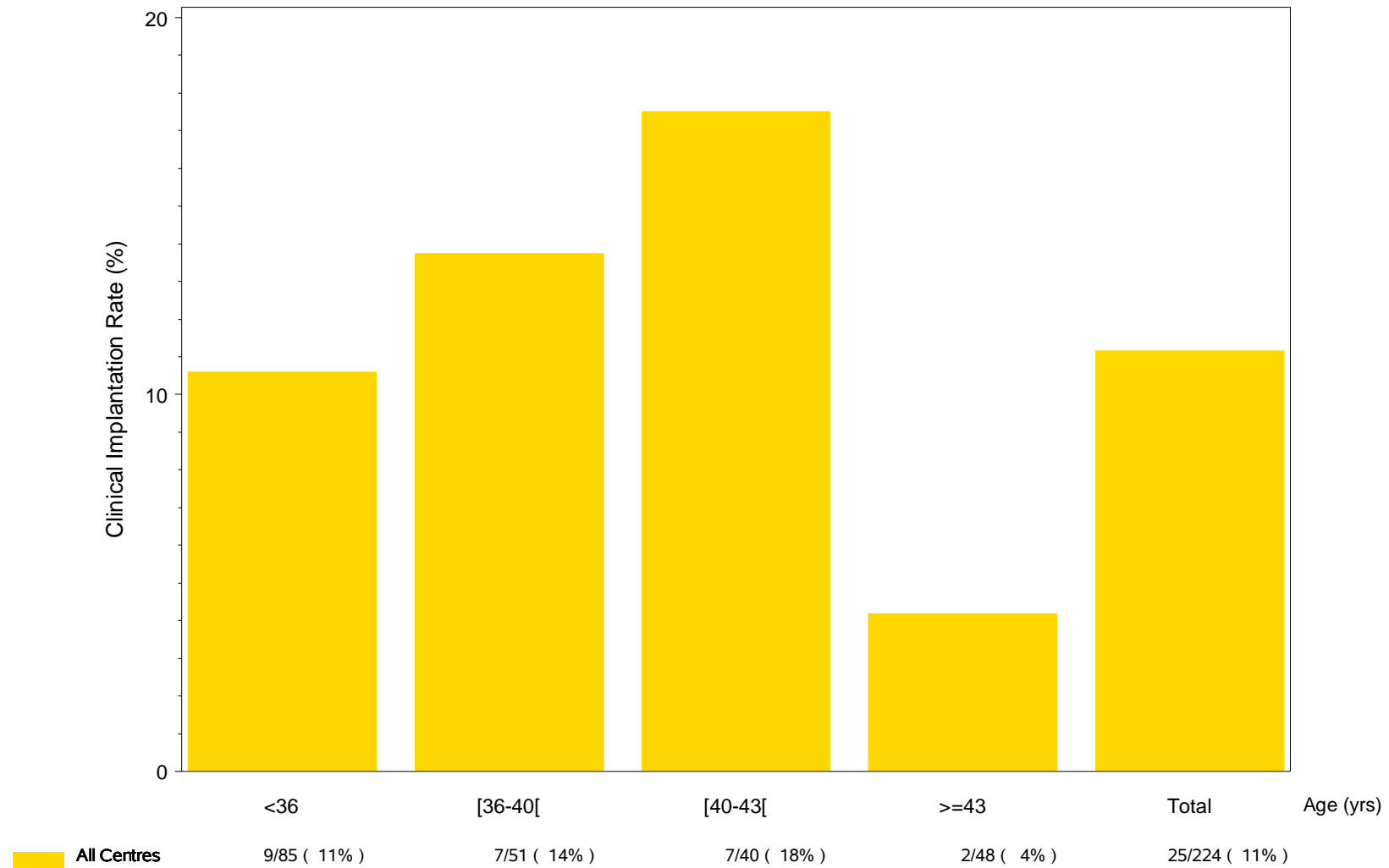
In the calculation of the ratios, only cycles with available data are considered. In the line underneath, the range expresses the minimum and maximum possible rates when accounting for missing data by considering missing delivery as negative and positive, respectively.

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



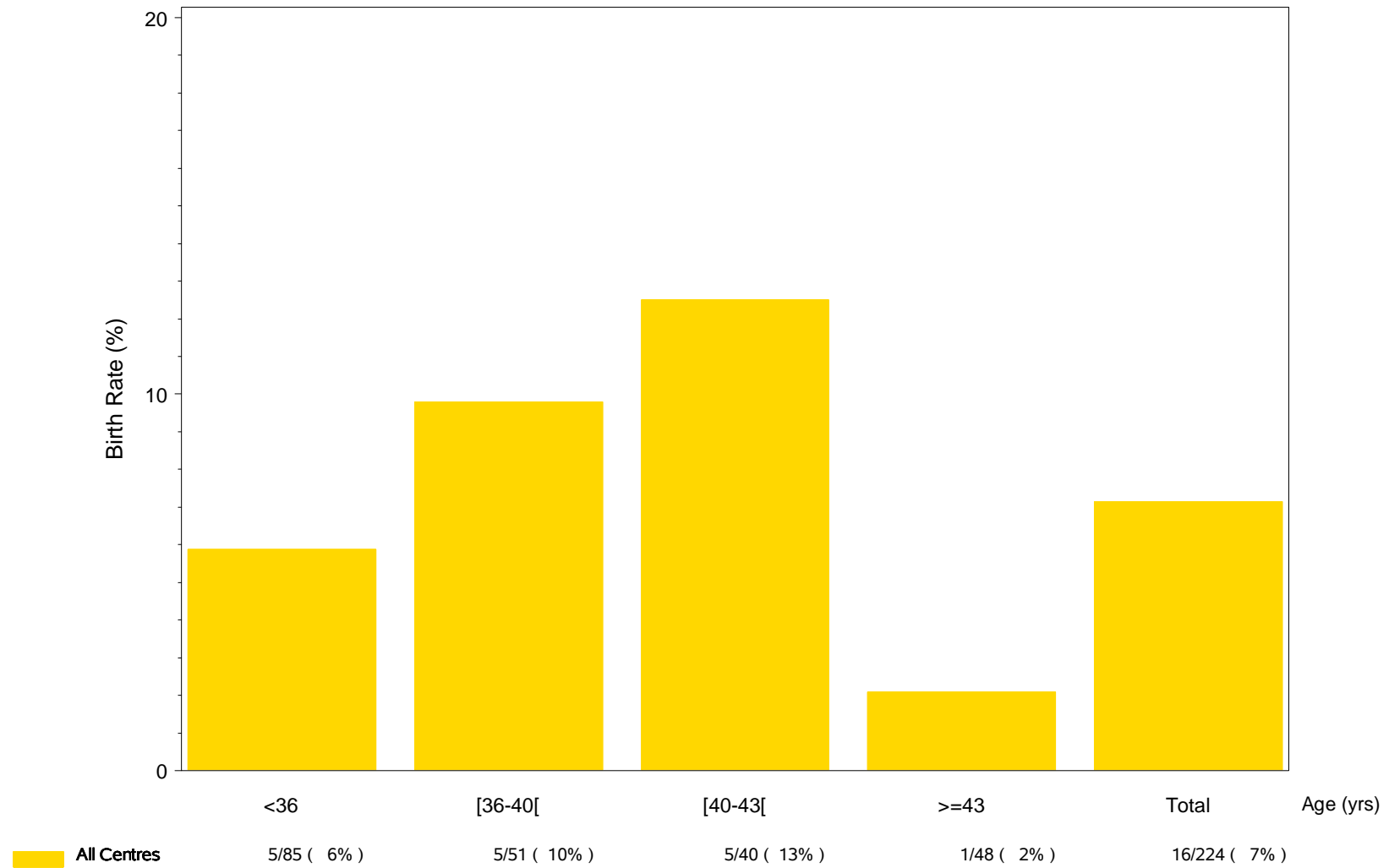
n/N (%) where n = Total number of uterine sacs; N = Total number of embryos transferred; %= n\*100/N; NA = No cycles with data available.

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



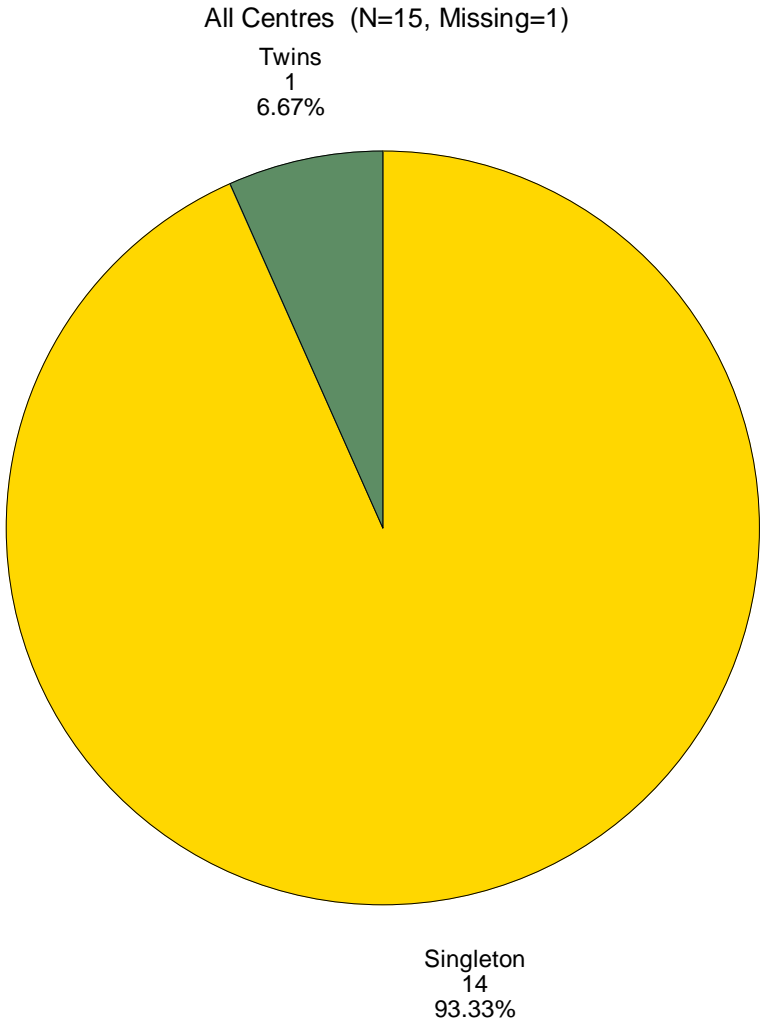
n/N (%) where n = Total number of FHB; N = Total number of embryos transferred; %= n\*100/N; NA = No cycles with data available.

Figure 5.11 Cryo 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.

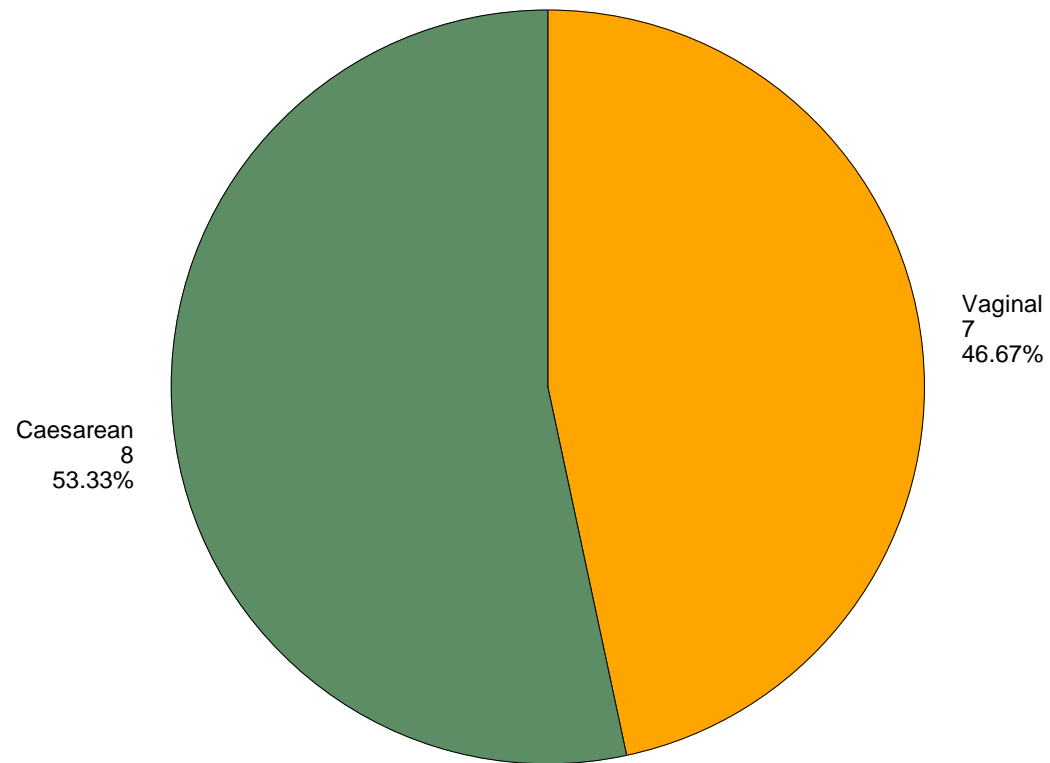
Figure 5.12 Cryo recipient cycles: Number of deliveries



Deliveries of twins or triplets are only counted once.

**Table 5.13 Cryo recipient cycles: Type of deliveries**

All Centres (N=15, Missing=1)



Deliveries of twins or triplets are only counted once.

**Table 5.14 Cryo recipient cycles: Sex of babies**

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<b>All Centres (N=16, Missing=1)</b>	
<b>Sex of baby</b>	
Male	11/16 ( 68.75%)
Female	5/16 ( 31.25%)

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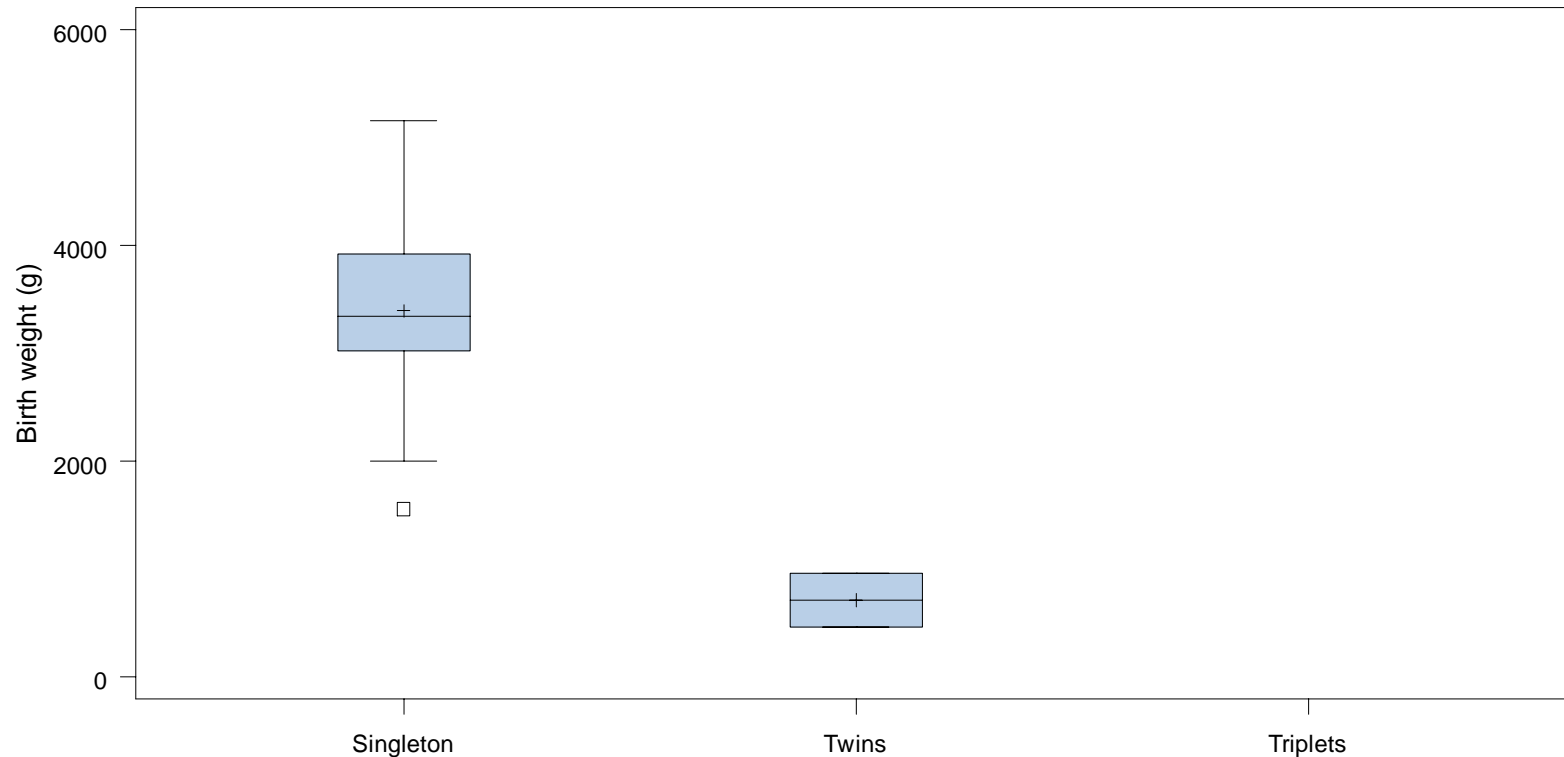
**Table 5.15 Cryo recipient cycles: Birth weight**

	<b>Statistic</b>	<b>All Centres (N=16, Missing=1)</b>
<b>Birth Weight (g)</b>		
Singletons	N	14
	Mean	3396.4
	Std	900.77
	Median	3340.0
	IQR	(3025.0; 3920.0)
Twins	N	2
	Mean	711.0
	Std	352.14
	Median	711.0
	IQR	(462.0; 960.0)

**Table 5.16 Cryo recipient cycles: Gestational age at delivery**

	<b>Statistic</b>	<b>All Centres (N=11, Missing=6)</b>
<b>Gestational age at delivery (weeks)</b>		
Singletons	N	11
	Mean	37.8
	Std	3.14
	Median	38.7
	IQR	(37.7; 39.9)

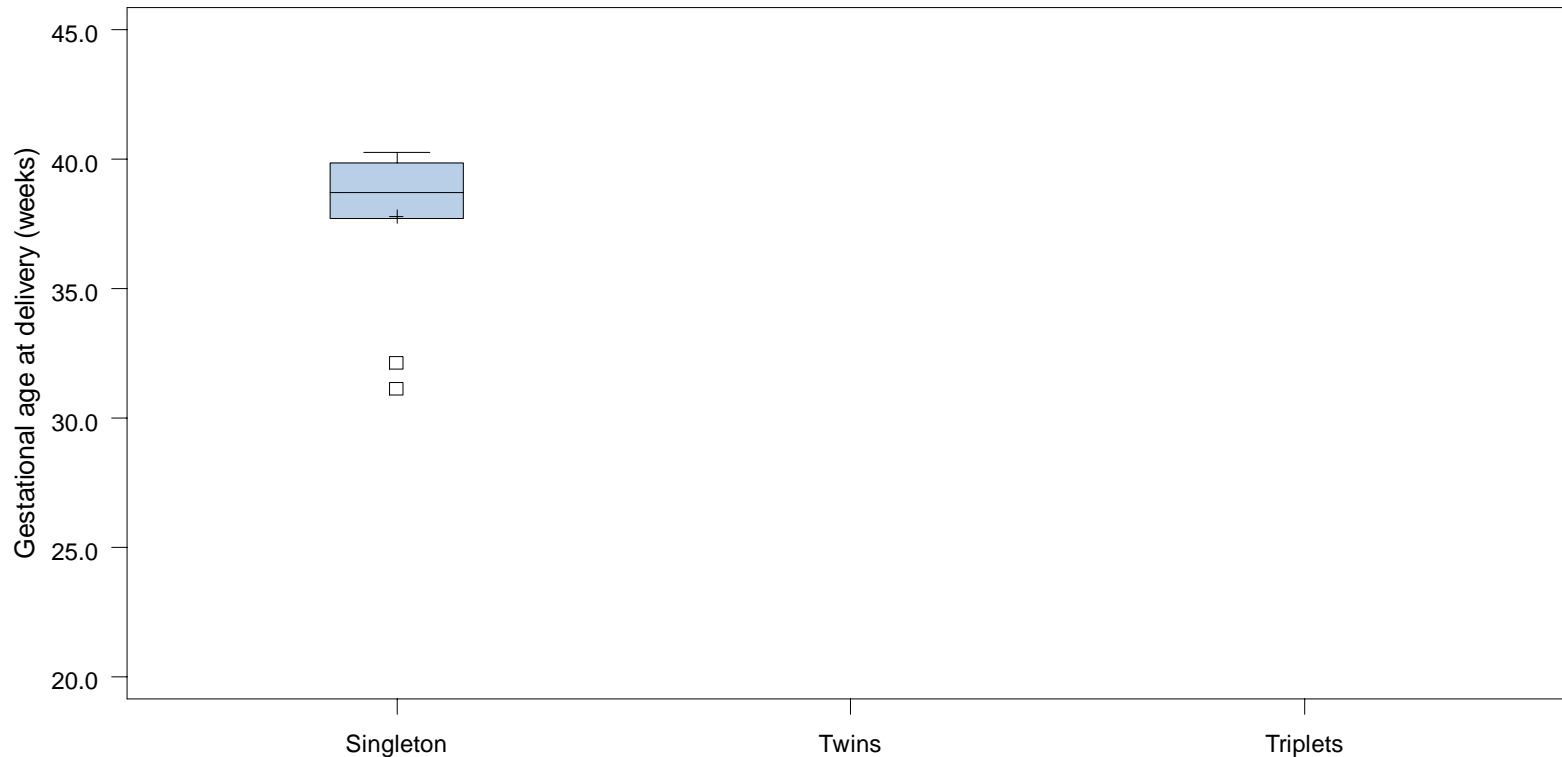
Figure 5.17 Cryo recipient cycles: Birth weight (boxplot)



	Singleton	Twins	Triplets
N	14	2	
Missing	0	0	
Mean	3396.4	711.0	
SD	900.77	352.14	
Median	3340.0	711.0	
(Min,Max)	(1560,5160)	(462,960)	
(Q1,Q3)	(3025,3920)	(462,960)	

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
<b>All Centres</b>			
N	11	0	
Missing	3	2	
Mean	37.8		
SD	3.14		
Median	38.7		
(Min,Max)	(31,40)		
(Q1,Q3)	(38,40)		

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 5.19 Cryo 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	
<b>All Centres (N=11, Missing=5)</b>				
< 32	1 (9.1%)	NA	NA	1 (9.1%)
[32-37[	1 (9.1%)	NA	NA	1 (9.1%)
>=37	9 (81.8%)	NA	NA	9 (81.8%)
Total	11 (100.0%)	NA	NA	11 (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			Total
	Singletons	Twins	Triplets	
<b>All Centres (N=16, Missing=1)</b>				
< 1500	NA	2 (100.0%)	NA	2 (12.5%)
[1500-2500[	2 (14.3%)	NA	NA	2 (12.5%)
>= 2500	12 (85.7%)	NA	NA	12 (75.0%)
Total	14 (100.0%)	2 (100.0%)	NA	16 (100.0%)

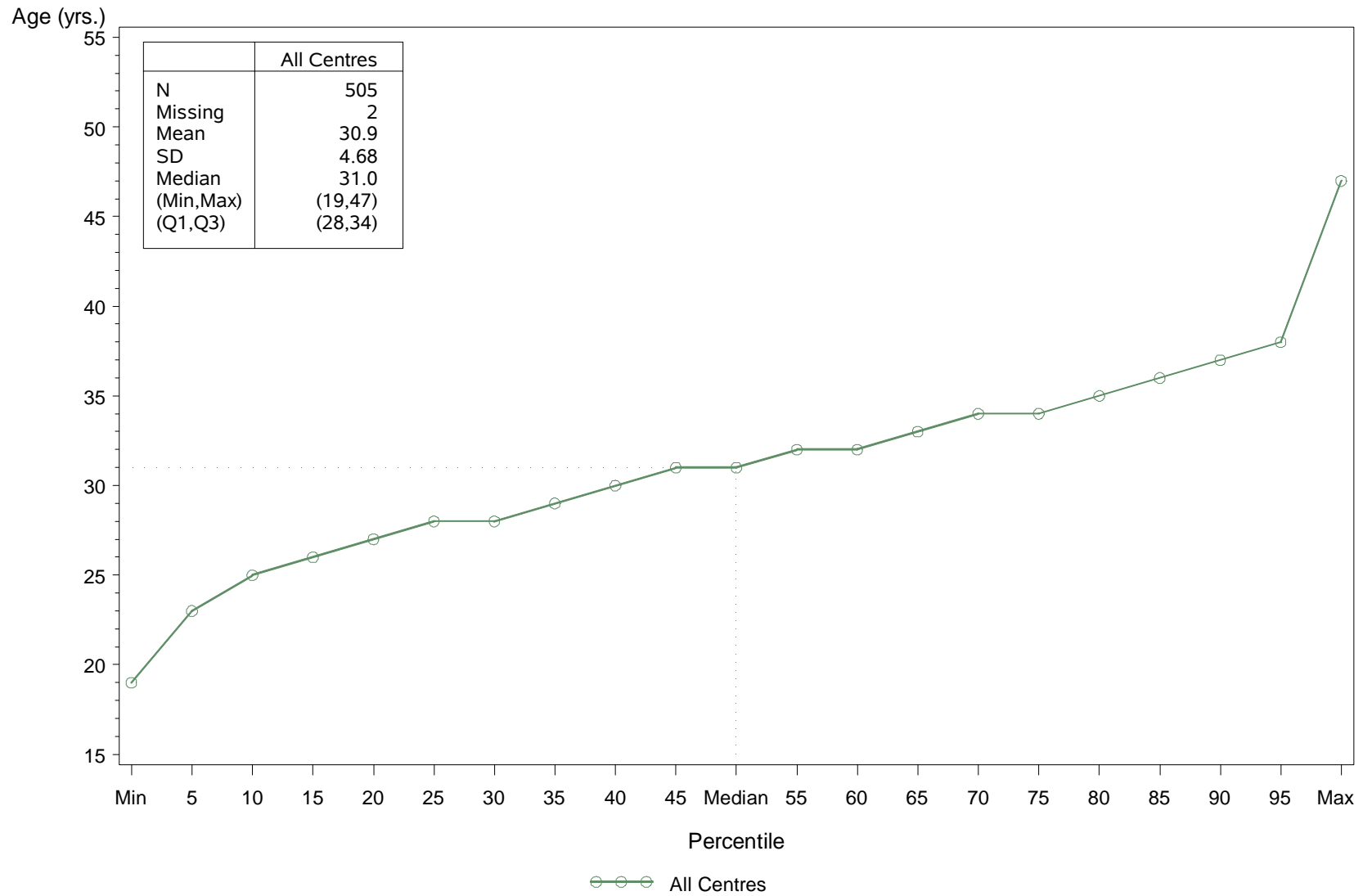
NA: no data available

## Section 6: Fresh donor cycles

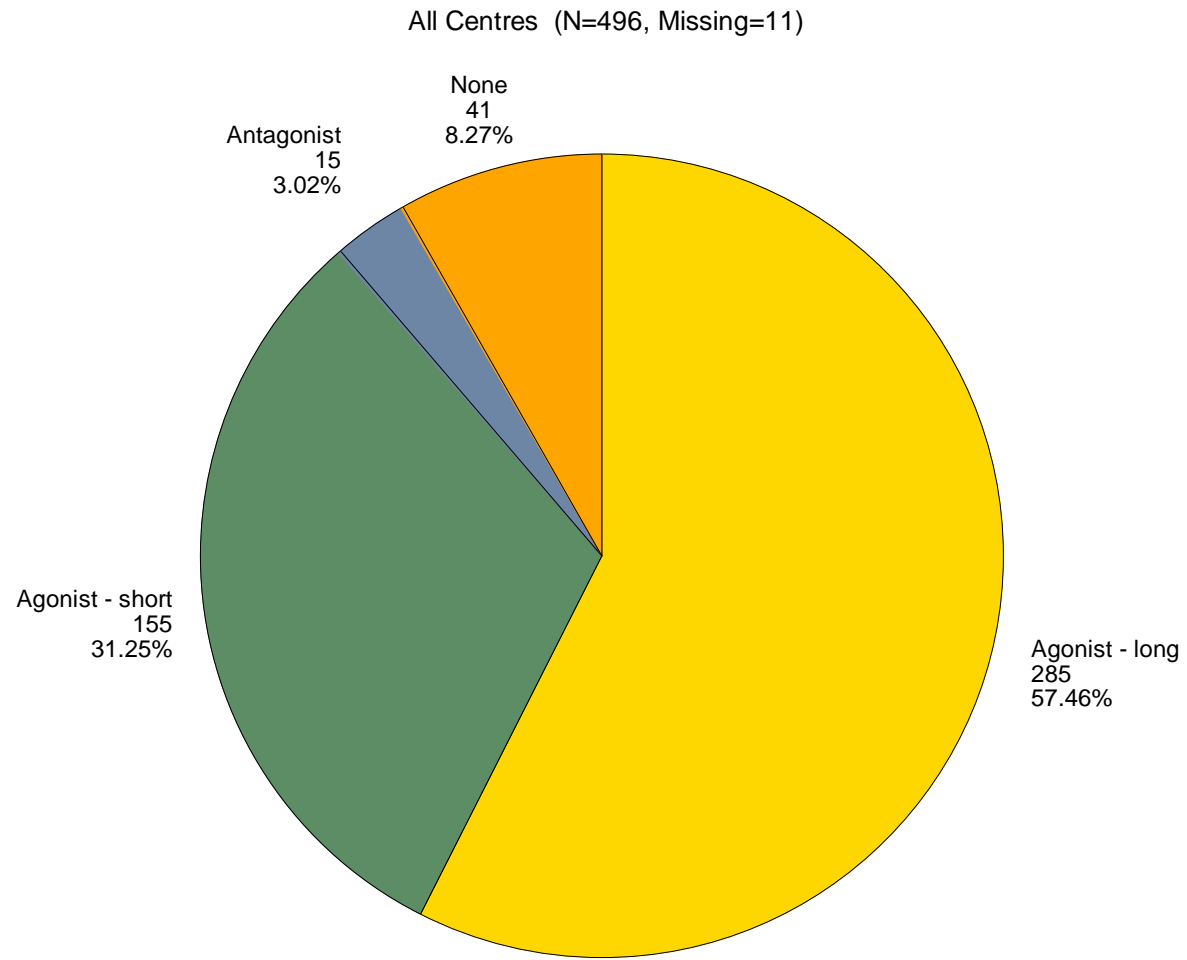
Table 6.1 Fresh donor cycles: Overview of cycles

Cycle	All Centres
Initiated	507 (100.0%)
Cancelled	41 (8.1%)
At least one oocyte received	466 (91.9%)
Embryo Transfer	2 (0.4%)

Figure 6.2 Fresh donor cycles: Female age distribution



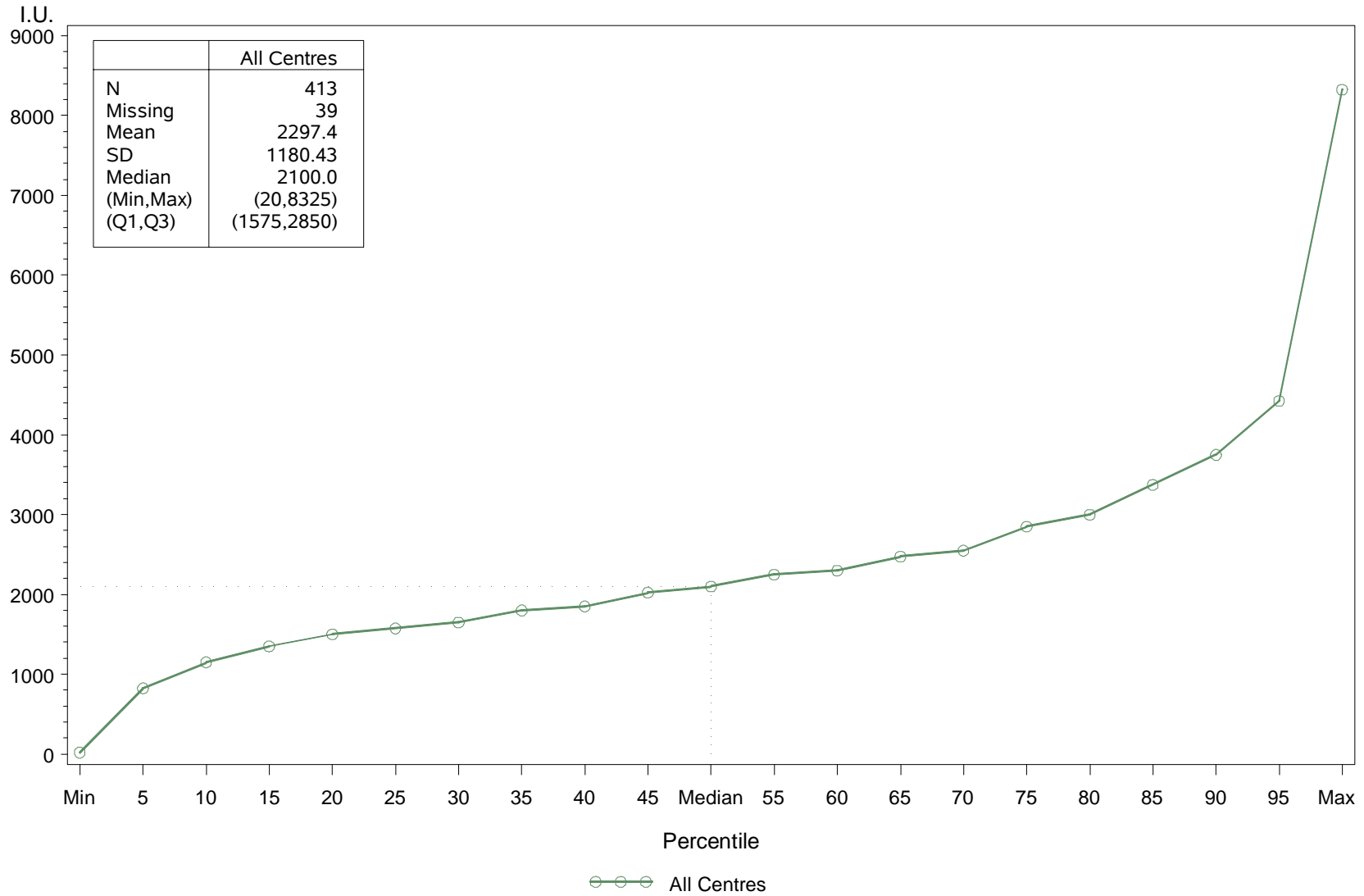
**Table 6.3 Fresh donor cycles: Pituitary inhibition**



**Table 6.4 Fresh donor cycles: Stimulation protocol**

	<b>Statistic</b>	<b>All Centres (N=478, Missing=29)</b>
<b>Stimulation protocol</b>		
Gonadotrophins	n/N (%)	395/478 ( 82.64%)
Gonadotrophins recombinant	n/N (%)	26/478 ( 5.44%)
Gonadotrophins urinary	n/N (%)	29/478 ( 6.07%)
Clomiphene + Gonadotrophins	n/N (%)	2/478 ( 0.42%)
None	n/N (%)	20/478 ( 4.18%)
Other	n/N (%)	6/478 ( 1.26%)

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



## Section 7: Appendix

**Table 7.1 : List of B-centres having supplied data**

City	Centre
Antwerpen	Dienst Fertilititeit, Algemeen Ziekenhuis Middelheim
Braine L'alleud	Centre de Fécondation ,C.H. Interrégional Edith Cavell (CHIREC)
Brugge	BIRTH - Fertilititeitskliniek, 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 - Infertilititeitscentrum, U.Z. – Gent
Gent	Centrum voor Fertilititeitstherapie, 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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