Report of the College of Physicians for Assisted Reproduction Therapy

Belgium 2011

10 January 2014

Version 2.0

Update history

Version 2 (10 January 2014)
- corrected footnote in Figure 2.4
- corrected data year 2010 in Figures 2.50 and 2.51

Version 1 (19 December 2013)

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Section 1: General overview

Table 1.1 All cycles: Type of cycles

Type of cycle*	Statistic	All Centres		
		Total (N=34055)	With social security (N=27655)	Without social security (N=6400)
Own fresh cycle (standard)	n (%)	21661 (63.61%)	17824 (64.45%)	3837 (59.95%)
Own oocytes freezing cycle	n (%)	29 (0.09%)	22 (0.08%)	7 (0.11%)
Own thawed oocytes cycle	n (%)	32 (0.09%)	27 (0.10%)	5 (0.08%)
Own embryo cryo cycle	n (%)	9965 (29.26%)	8286 (29.96%)	1679 (26.23%)
Fresh oocytes recipient cycle	n (%)	770 (2.26%)	387 (1.40%)	383 (5.98%)
Thawed recipient cycle	n (%)	110 (0.32%)	81 (0.29%)	29 (0.45%)
Cryo embryo recipient – donor egg	n (%)	386 (1.13%)	247 (0.89%)	139 (2.17%)
Fresh Donor cycle	n (%)	687 (2.02%)	485 (1.75%)	202 (3.16%)
Fresh sharing cycle	n (%)	41 (0.12%)	3 (0.01%)	38 (0.59%)
Mixed (fresh + thawed) cycle	n (%)	25 (0.07%)	15 (0.05%)	10 (0.16%)
Unspecified fresh cycle	n (%)	27 (0.08%)	17 (0.06%)	10 (0.16%)
Unspecified cryo cycle	n (%)	178 (0.52%)	145 (0.52%)	33 (0.52%)
Unknown cycle type	n (%)	87 (0.26%)	80 (0.29%)	7 (0.11%)
Fresh surrogate carier cycle	n (%)	22 (0.06%)	13 (0.05%)	9 (0.14%)
Cryo embryo recipient – donor embryo	n (%)	22 (0.06%)	15 (0.05%)	7 (0.11%)
Thawed surrogate carrier cycle	n (%)	13 (0.04%)	8 (0.03%)	5 (0.08%)

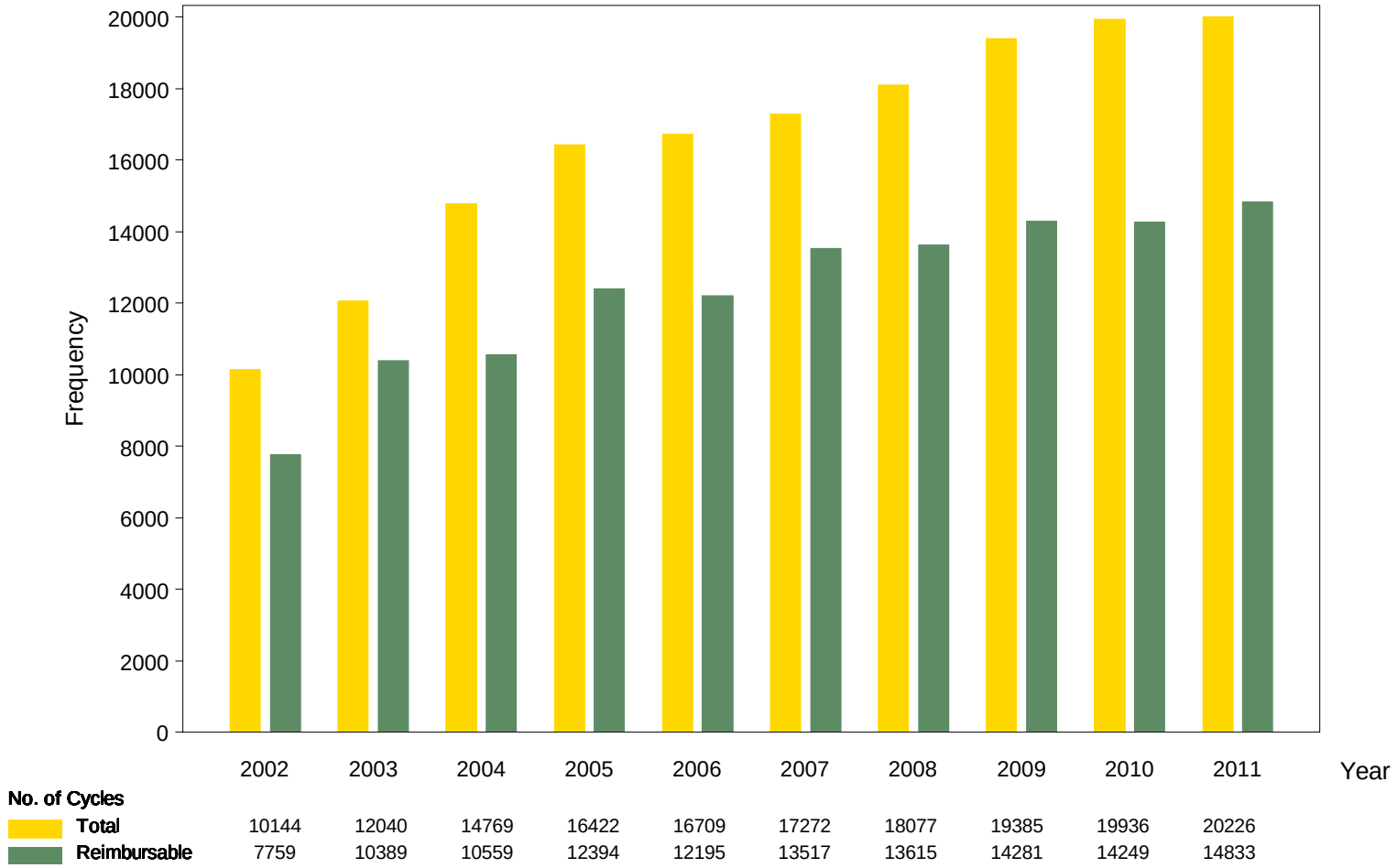
*: Definitions of the different type of cycles can be found in Appendix Table 7.1.

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

	All Centres (N=18555, Missing=1671)				
	Patients with social security		Patients without social security		Total
	N	(%)	N	(%)	N
All ages & ranks	15329	(82.6%)	3226	(17.4%)	18555
< 43 years old & rank < 7	14900	(84.7%)	2695	(15.3%)	17595
< 43 years old & rank >=7	301	(65.6%)	158	(34.4%)	459
>= 43 years old	128	(25.5%)	373	(74.5%)	501

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	21690	(100.0%)
Cancelled	2259	(10.4%)
Aspiration	19433	(89.6%)
Embryo Transfer	16749	(77.2%)

Figure 2.2 Own fresh cycles: Female age and laborank

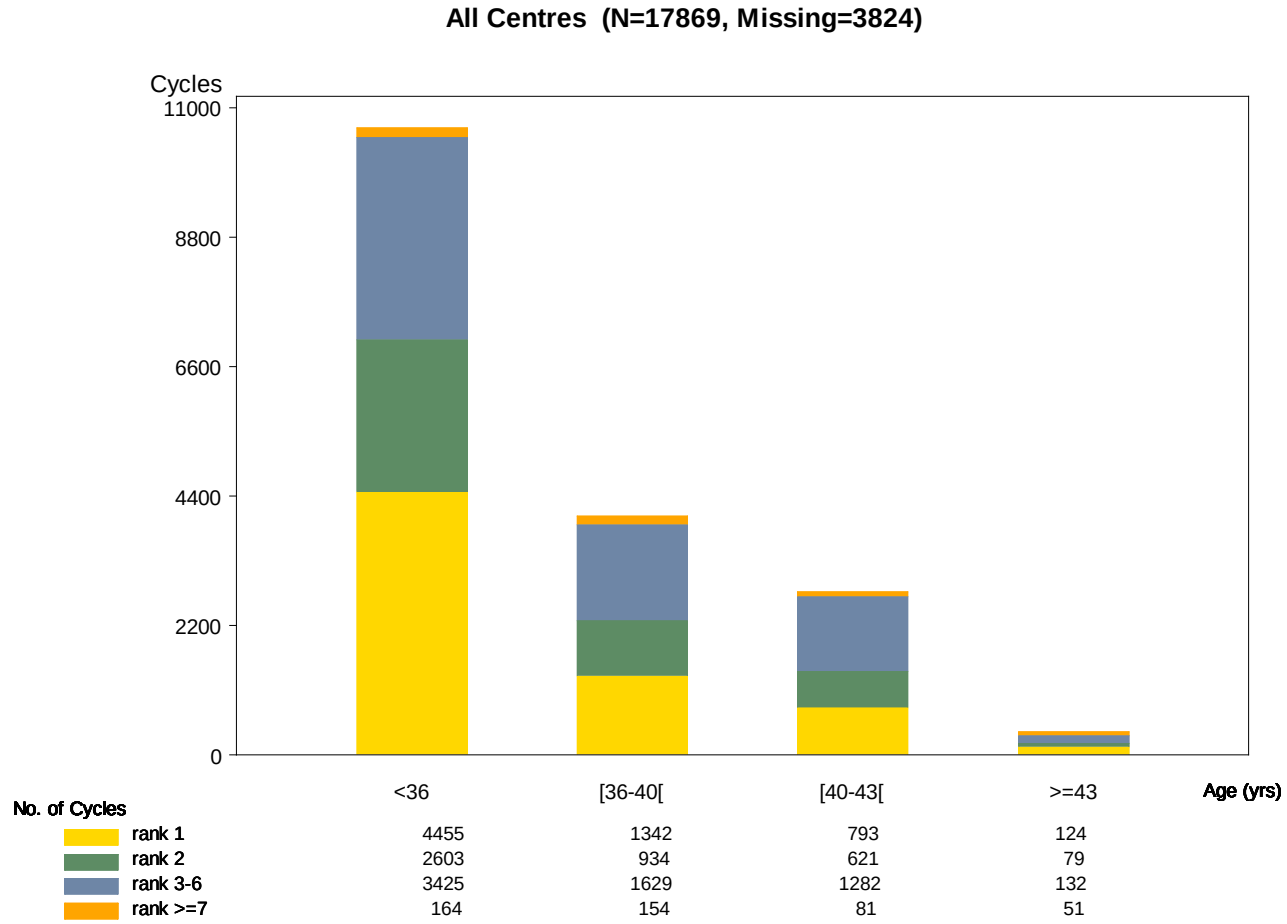


Figure 2.3 Own fresh cycles: Residence of the patient

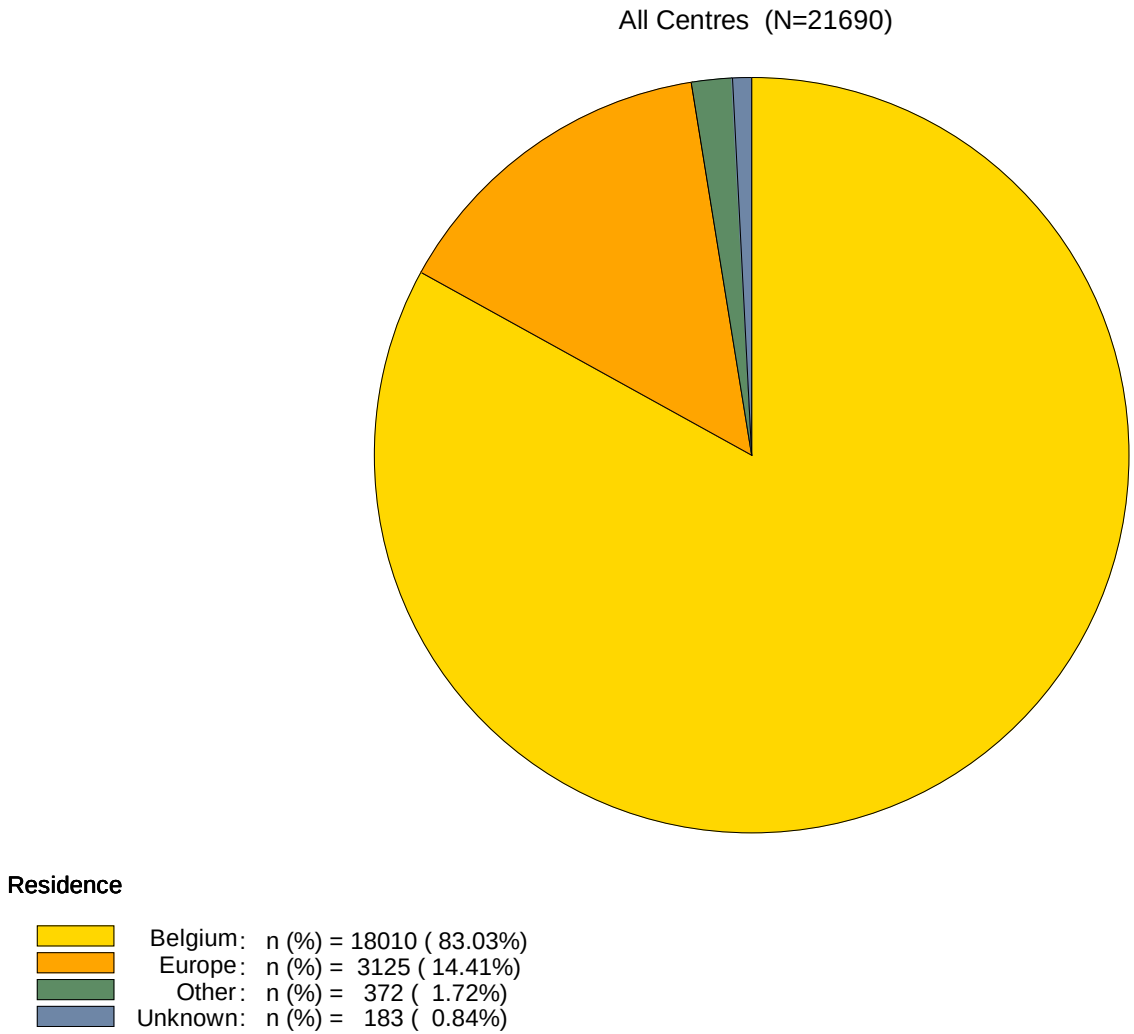
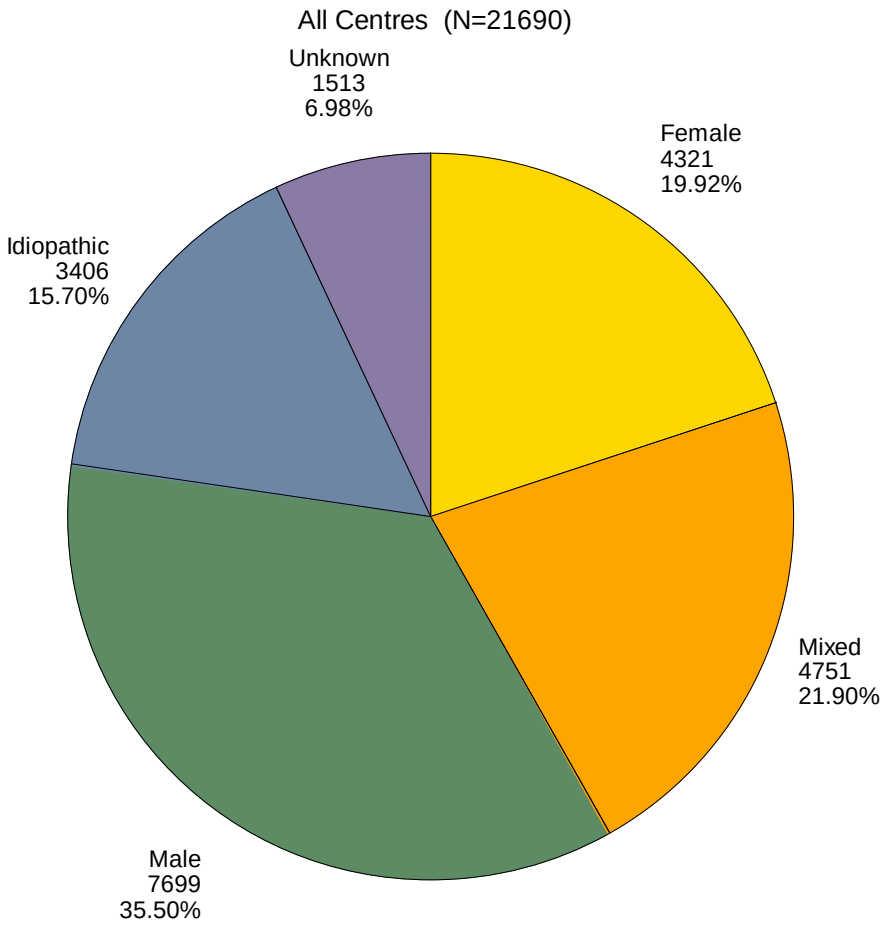


Figure 2.4 Own fresh cycles: Indications of ART



757 cycles are counted as No male pathology due to non-applicability (lesbian=396, single=351 and other=10)

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

	Statistic	All Centres
Female pathology	N	9072
Tubal	n/N (%)	3475/8732 (39.80%)
Endometriosis	n/N (%)	2377/8182 (29.05%)
Ovulatory	n/N (%)	3593/8770 (40.97%)
Abnormal Cavity	n/N (%)	715/8182 (8.74%)
Premature Ovarian Failure	n/N (%)	164/8708 (1.88%)
Genetic anomaly	n/N (%)	328/6938 (4.73%)
Immunological	n/N (%)	71/6227 (1.14%)
Male pathology	N	12450
Genetic anomaly	n/N (%)	381/9664 (3.94%)
Sperm abnormality	n/N (%)	12166/12347 (98.53%)
Immunological	n/N (%)	440/10633 (4.14%)

Some patients have more than one cause identified per cycle.

Figure 2.6 Own fresh cycles: Female age distribution

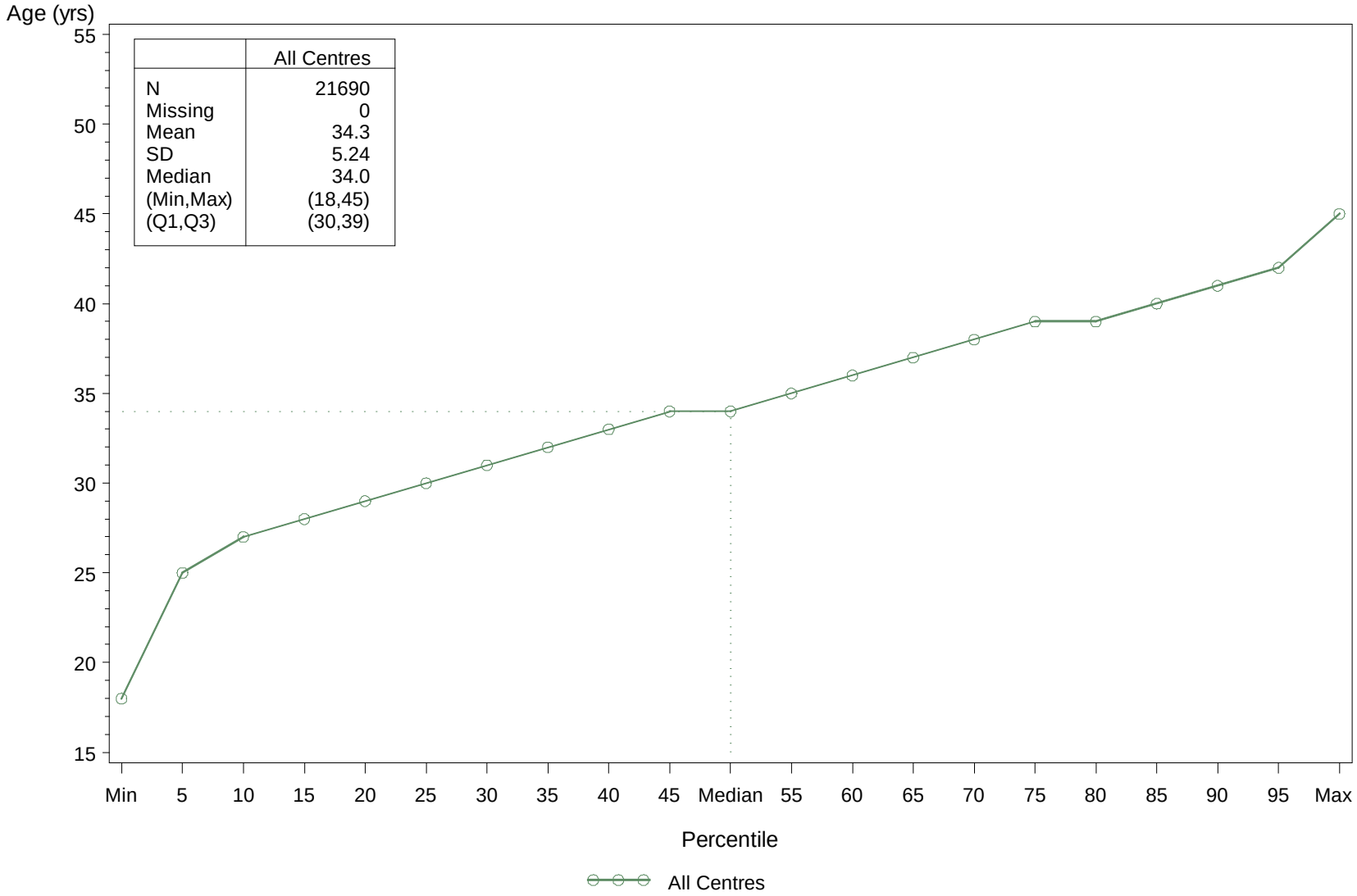


Figure 2.7 Own fresh cycles: Pituitary inhibition

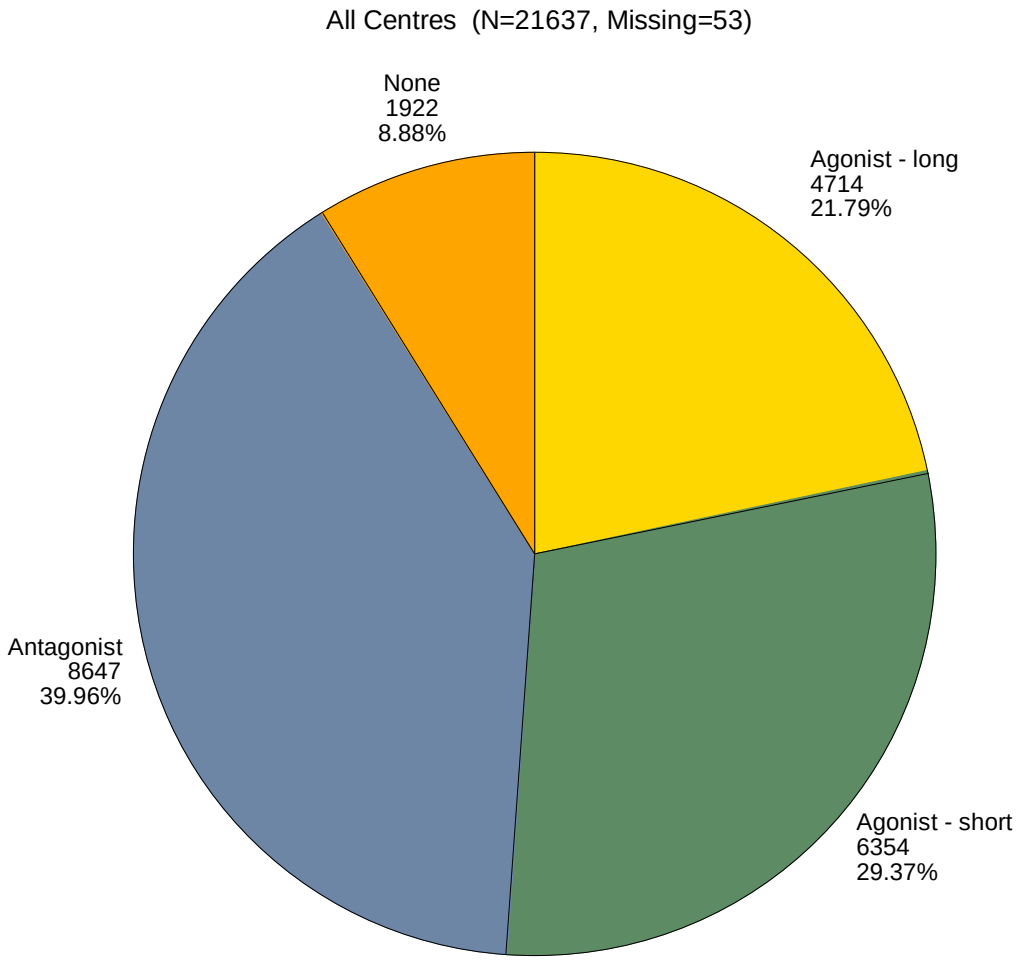


Table 2.8 Own fresh cycles: Stimulation protocol

	Statistic	All Centres (N=21540, Missing=150)
Stimulation protocol		
Clomiphene	n/N (%)	56/21533 (0.26%)
Gonadotrophins combined recombinant and urinary	n/N (%)	2102/21533 (9.76%)
Gonadotrophins recombinant only	n/N (%)	9303/21533 (43.20%)
Gonadotrophins urinary only	n/N (%)	7490/21533 (34.78%)
Clomiphene + Gonadotrophins	n/N (%)	396/21533 (1.84%)
Aromatase Inhibitor + Gonadotrophins	n/N (%)	641/21533 (2.98%)
Substitution	n/N (%)	12/21533 (0.06%)
None	n/N (%)	946/21533 (4.39%)
Other	n/N (%)	587/21533 (2.73%)

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

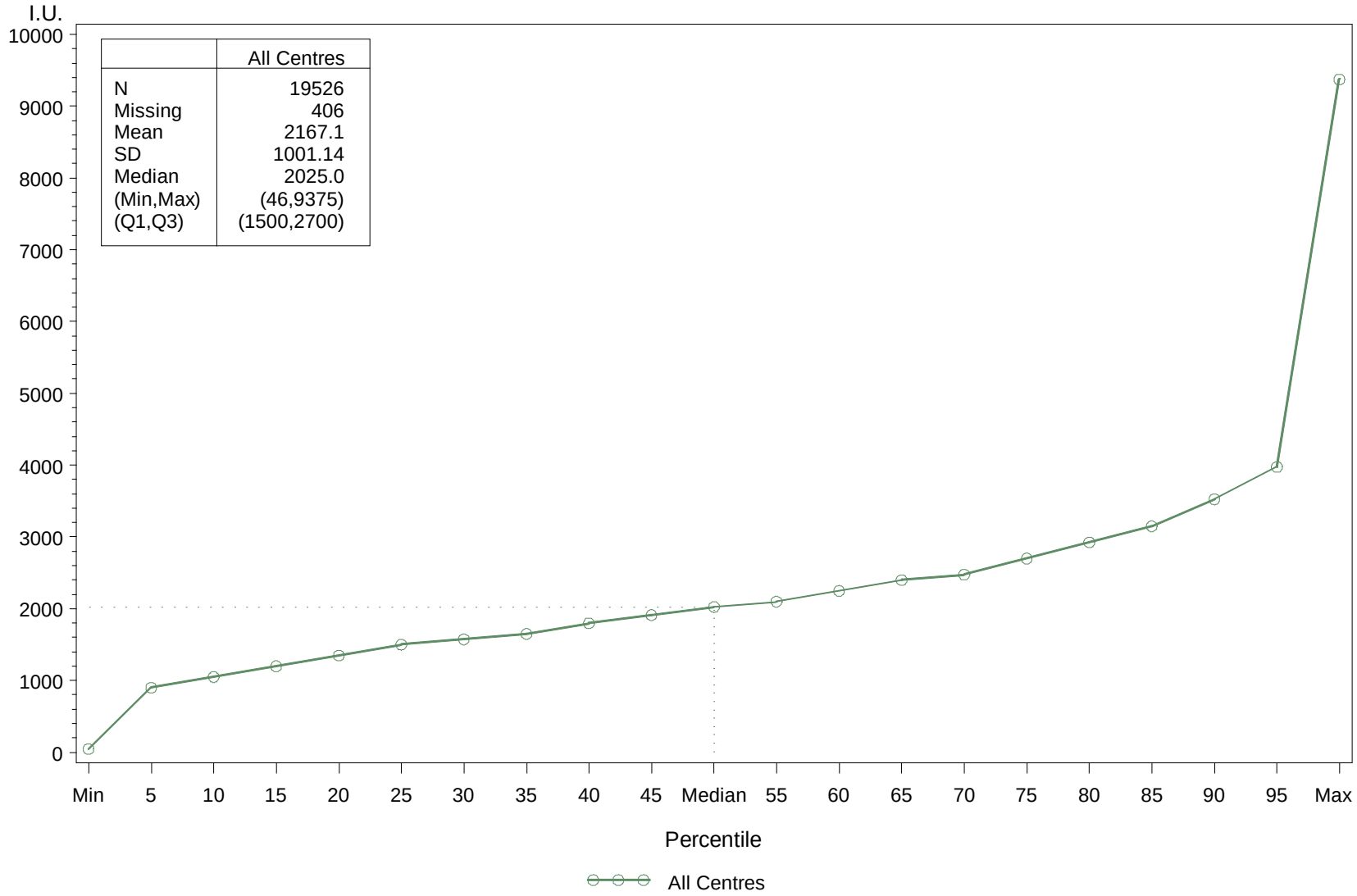
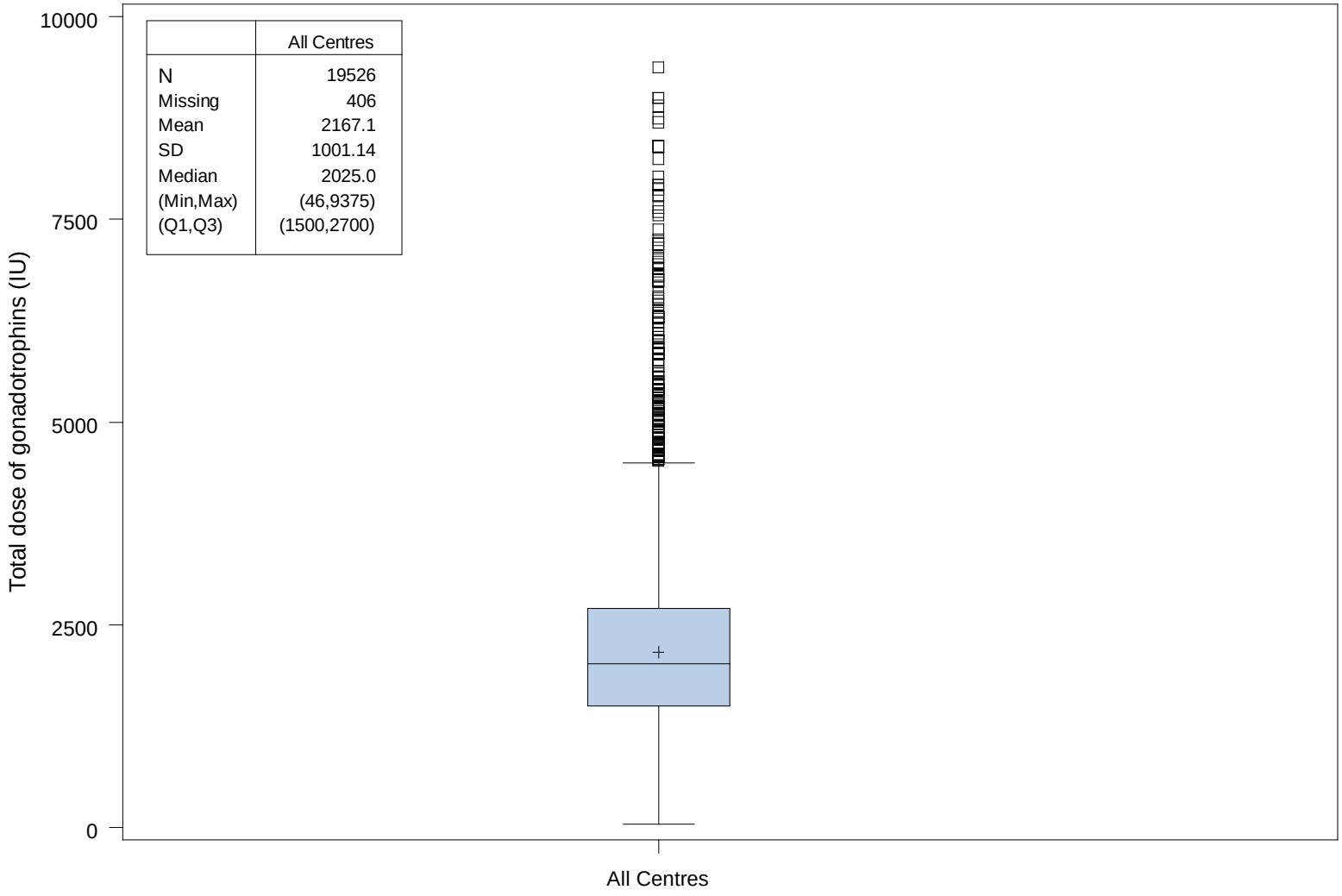


Figure 2.10 Own fresh cycles: Total dose of Gonadotrophins (boxplot)



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=18607, Missing=367)
Method of fertilization		
IVF	n/N (%)	4071/18607 (21.88%)
ICSI	n/N (%)	13000/18607 (69.87%)
Mixed (IVF + ICSI)	n/N (%)	1536/18607 (8.25%)

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=11973, Missing=32)					
	Fresh		Thawed		Total	
	N	%	N	%	N	%
Ejaculated	10484	94.90	564	5.10	11048	92.27
Surgical retrieved	217	23.46	708	76.54	925	7.73
Total	10701	89.38	1272	10.62	11973	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[					>=43	Total
Rank	**1**	**2**	**3-6**	**>=7**	**Total**	**1**	**2**	**3-6**	**>=7**	**Total**	**1**	**2**	**3-6**	**>=7**	**Total**	**Total**	**Total**
All Centres (N=17869, Missing=1564)																	
Aspirations	4455	2603	3425	164	10647	1342	934	1629	154	4059	793	621	1282	81	2777	386	17869
Transfers	4023	2413	3173	147	9756	1198	847	1468	138	3651	680	544	1124	73	2421	330	16158
Embryos transferred																	
1	3945	1507	854	26	6332	560	296	392	35	1283	220	156	272	15	663	90	8368
2	76	902	2312	113	3403	618	522	711	60	1911	305	225	393	28	951	106	6371
3	1	2	4	7	14	19	28	363	43	453	133	139	357	18	647	88	1202
>3	0	1	1	1	3	1	1	2	0	4	22	24	102	12	160	46	213
Unknown	1	1	2	0	4	0	0	0	0	0	0	0	0	0	0	0	4

Table 2.14 Own fresh cycles: Transfers by social security

	All Centres (N=21693, Missing=0)		
	With social security	**Without social security**	**Total**
Initiated cycles	17851	3842	21693
Aspirations	16115	3318	19433
Transfers	13973	2776	16749
Embryos transferred			
1	7618	1027	8645
2	5348	1249	6597
3	870	398	1268
>3	131	102	233
Unknown	6	0	6

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

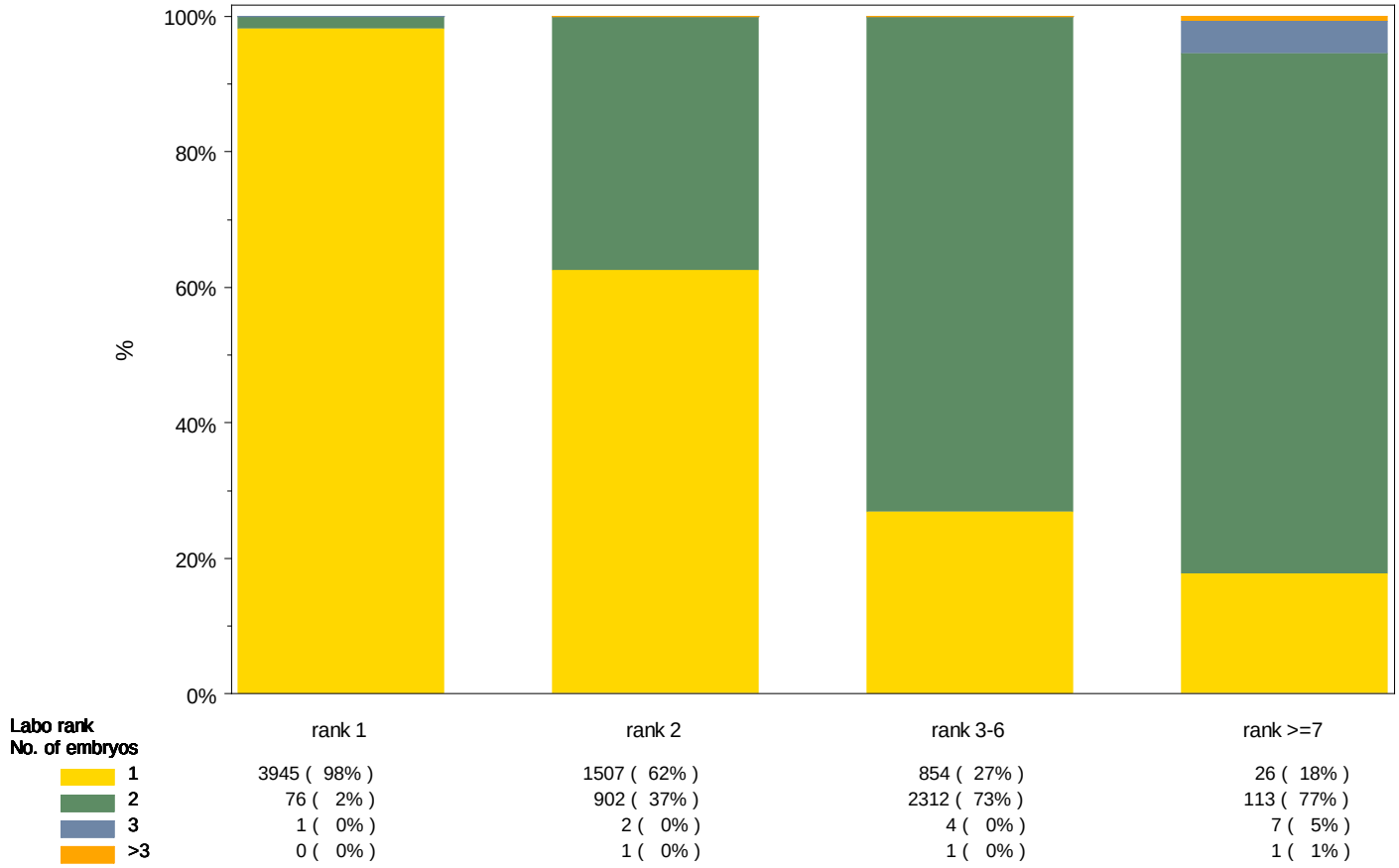


Figure 2.16 Own fresh cycles: Embryos transferred women 36-40 years old

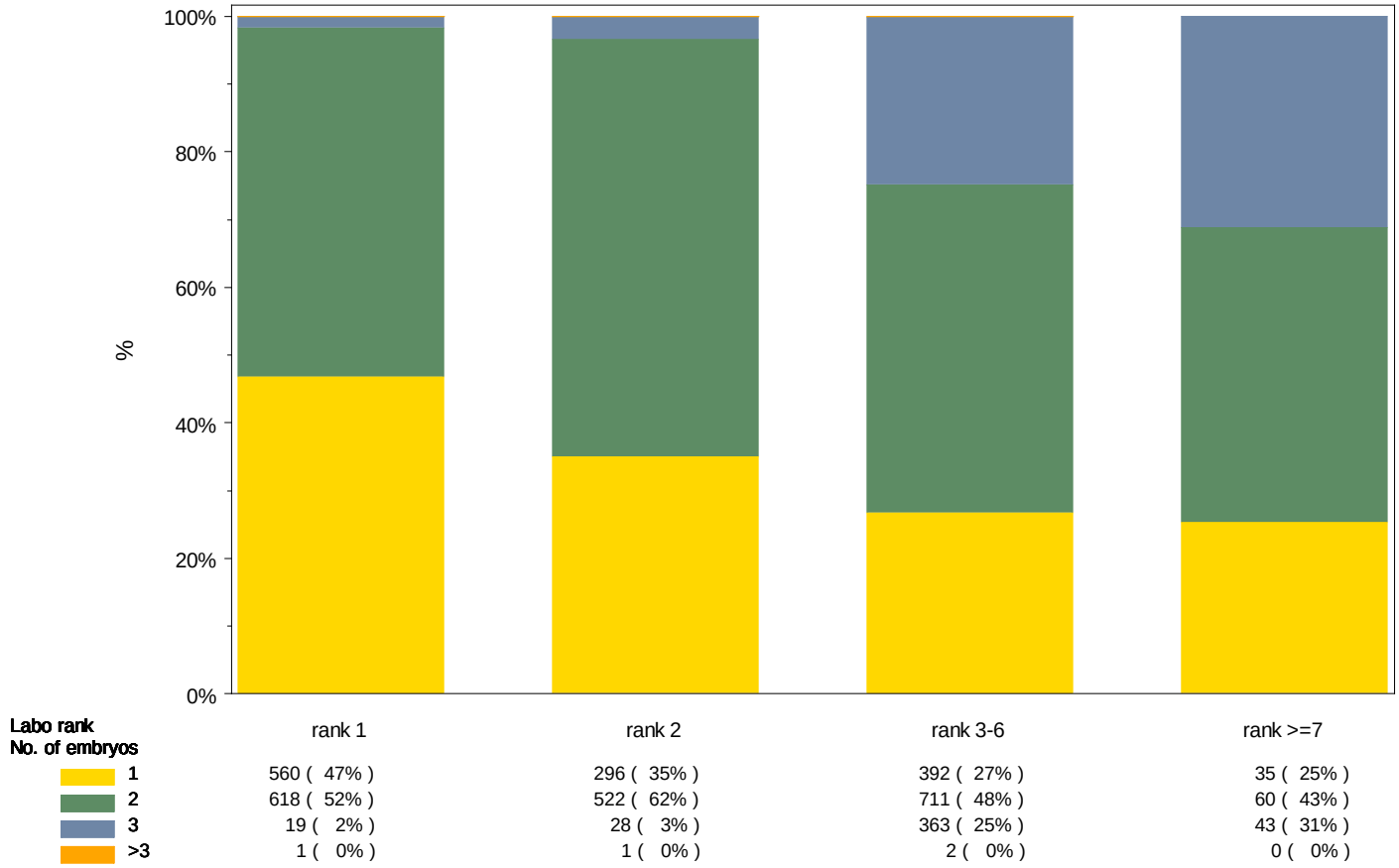
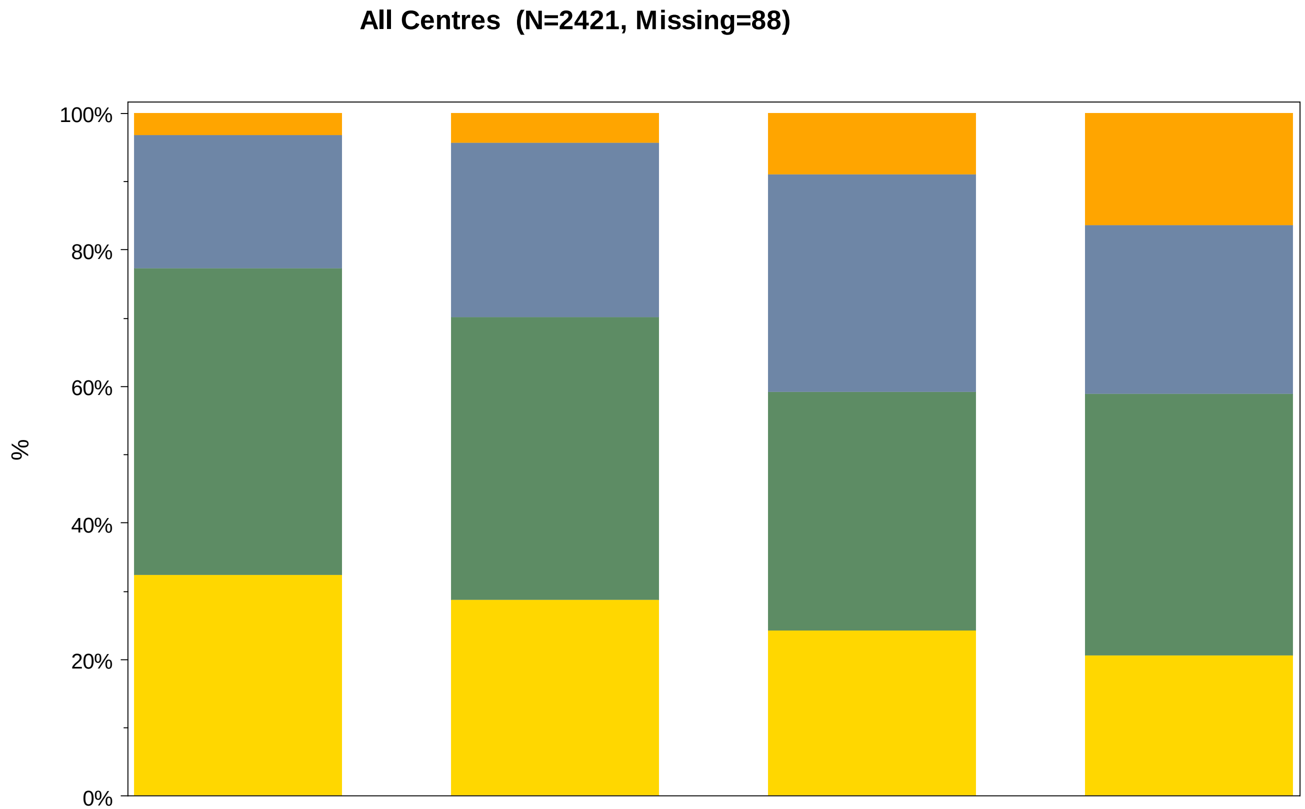


Figure 2.17 Own fresh cycles: Embryos transferred women 40-43 years old

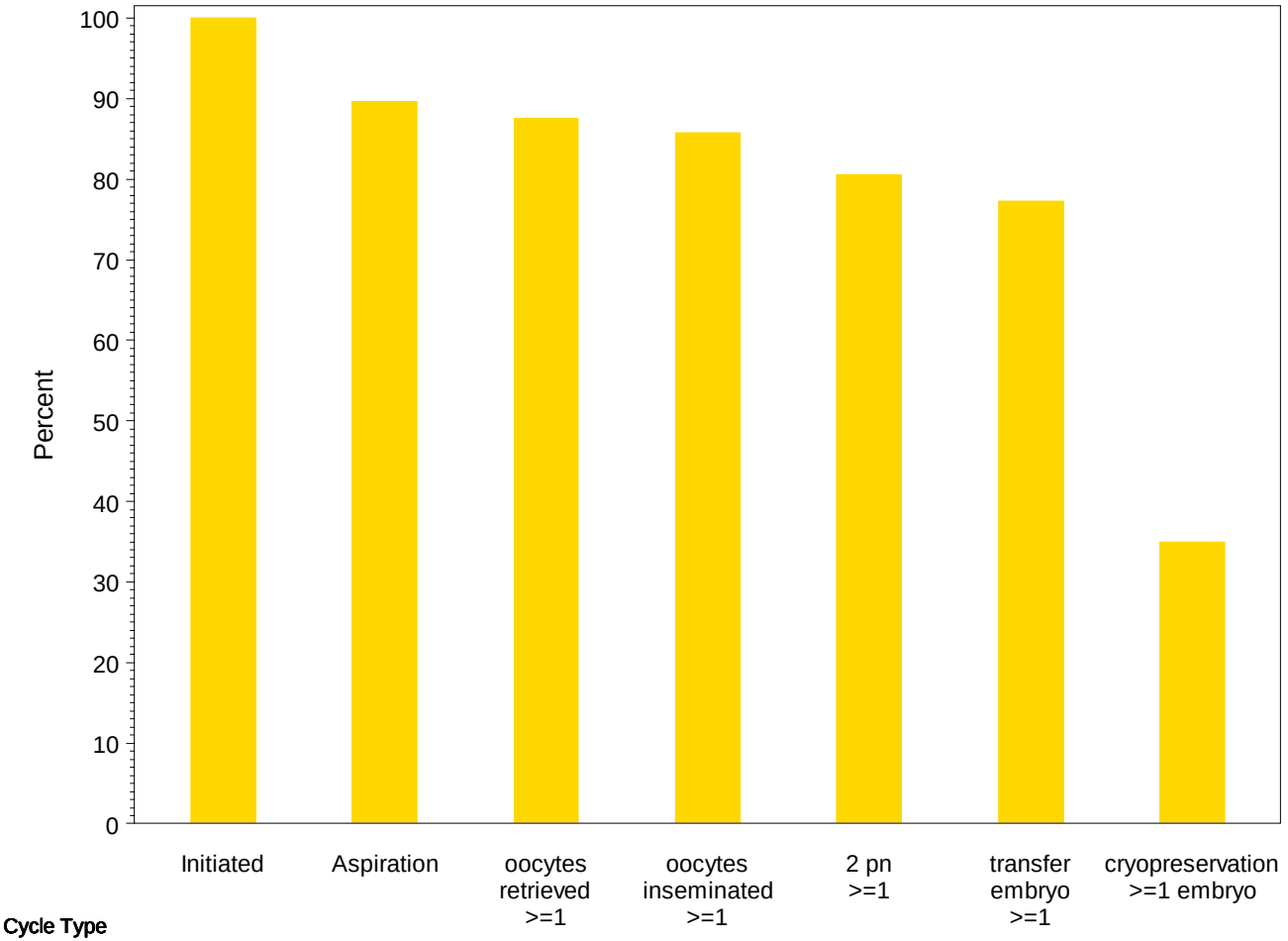


Labo rank / No. of embryos	rank 1	rank 2	rank 3-6	rank >=7
1	220 (32%)	156 (29%)	272 (24%)	15 (21%)
2	305 (45%)	225 (41%)	393 (35%)	28 (38%)
3	133 (20%)	139 (26%)	357 (32%)	18 (25%)
>3	22 (3%)	24 (4%)	102 (9%)	12 (16%)

Table 2.18 Own fresh cycles: Laboratory data

	All Centres (N=21693, Missing=0)				
	Oocytes retrieved	Oocytes inseminated (IVF, ICSI or mixed)	2 PN oocytes	Transferred embryos	Cryopreserved embryos
n	174551	147978	96713	26700	26008
%	100.0%	84.8%	55.4%	15.3%	14.9%
per initiated cycle	8.0	6.8	4.5	1.2	1.2

Figure 2.19 Own fresh cycles: Summary pick-up cycles



No. of Cycles (%)	Initiated	Aspiration	oocytes retrieved >=1	oocytes inseminated >=1	2 pn >=1	transfer embryo >=1	cryopreservation >=1 embryo
All Centres	21693 (100%)	19433 (90%)	18974 (87%)	18607 (86%)	17482 (81%)	16749 (77%)	7579 (35%)

Figure 2.20 Own fresh cycles: Distribution of embryo transfers

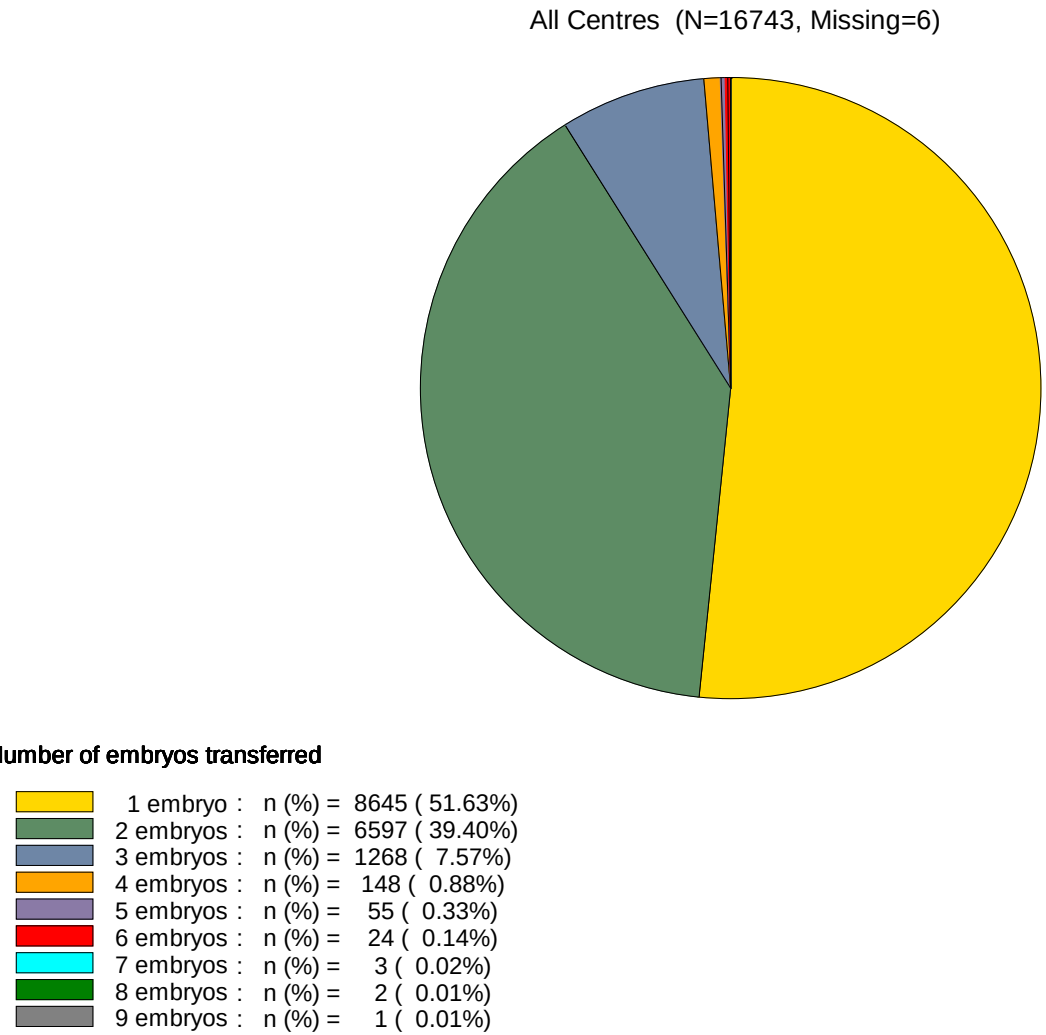


Table 2.21 Own fresh cycles: Cause of no transfer

	Statistic	All Centres
No Transfer	N	2616
No oocyte	n/N (%)	605/2557 (23.66%)
No sperm	n/N (%)	89/2557 (3.48%)
No transferable embryo available	n/N (%)	1308/2557 (51.15%)
OHSS risk	n/N (%)	153/2557 (5.98%)
Other reason	n/N (%)	647/2557 (25.30%)
Unknown	n/N (%)	59/2616 (2.26%)

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

Figure 2.22 Own fresh cycles: Day of embryo transfer

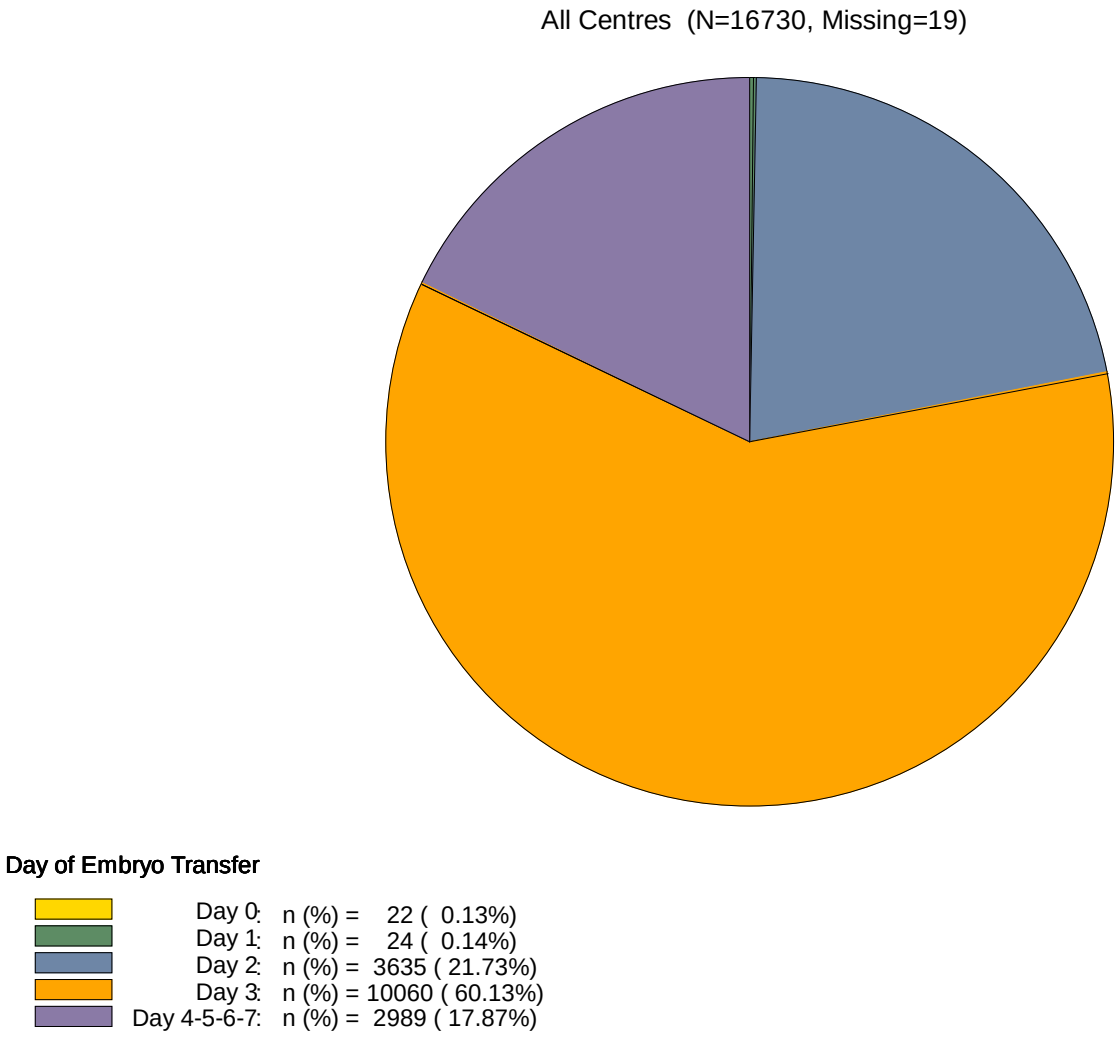


Table 2.23 Own fresh cycles: Cycles with cryopreservation

	All Centres (N=18915, Missing=59)
Number of cycles with cryopreservation	7579/18915 (40%)
Number of embryos cryopreserved	26008
Number of embryos per cryopreservation procedure	
Median	3.0
(Q1,Q3)	(2.0; 4.0)
Stage of the cryopreserved embryos	
2 PN	760/26008 (3%)
Cleaved	19476/26008 (75%)
Blastocyts	5772/26008 (22%)
Percent freezing of non transferred embryos	26008/147853 (18%)

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	19433
Transfers	16749
HCG + per aspiration cycle	5812/19262 (30.2%) (29.9% - 30.8%)
HCG + per embryo transfer	5812/16646 (34.9%) (34.7% - 35.3%)

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 2.25 Own fresh cycles: Number of clinical pregnancies

Cycle	All Centres
Aspirations	19433
Transfers	16749
Clinical Pregnancy per aspiration cycle	4836/19256 (25.1%) (24.9% - 25.8%)
Clinical Pregnancy per embryo transfer	4836/16640 (29.1%) (28.9% - 29.5%)

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 2.26 Own fresh cycles: Number of clinical pregnancies including FHB

Cycle	All Centres
Aspirations	19433
Transfers	16749
FHB: 1/2/3	4379/62/1
Clinical Pregnancy + FHB per aspiration cycle	4442/19195 (23.1%) (22.9% - 24.1%)
Clinical Pregnancy + FHB per embryo transfer	4442/16579 (26.8%) (26.5% - 27.5%)

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 2.27 Own fresh cycles: Number of deliveries

Cycle	All Centres
Aspirations	19433
Transfers	16749
Number per delivery: 1/2/3	3167/373/7
Number of deliveries per aspiration cycle	3547/18920 (18.7%) (18.3% - 20.9%)
Number of deliveries per embryo transfer	3547/16304 (21.8%) (21.2% - 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 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=10647, Missing=692)					
Aspirations	4455	2603	3425	164	10647
Transfers	4023	2413	3173	147	9756
HCG + per aspiration cycle	1606/4433 (36.2%) (36.0% - 36.5%)	1015/2594 (39.1%) (39.0% - 39.3%)	1275/3409 (37.4%) (37.2% - 37.7%)	42/162 (25.9%) (25.6% - 26.8%)	3938/10598 (37.2%) (37.0% - 37.4%)
HCG + per embryo transfer	1606/4002 (40.1%) (39.9% - 40.4%)	1015/2404 (42.2%) (42.1% - 42.4%)	1275/3158 (40.4%) (40.2% - 40.7%)	42/145 (29.0%) (28.6% - 29.9%)	3938/9709 (40.6%) (40.4% - 40.8%)

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=4059, Missing=470)					
Aspirations	1342	934	1629	154	4059
Transfers	1198	847	1468	138	3651
HCG + per aspiration cycle	378/1332 (28.4%) (28.2% - 28.9%)	261/927 (28.2%) (27.9% - 28.7%)	504/1617 (31.2%) (30.9% - 31.7%)	33/154 (21.4%) (21.4% - 21.4%)	1176/4030 (29.2%) (29.0% - 29.7%)
HCG + per embryo transfer	378/1188 (31.8%) (31.6% - 32.4%)	261/841 (31.0%) (30.8% - 31.5%)	504/1457 (34.6%) (34.3% - 35.1%)	33/138 (23.9%) (23.9% - 23.9%)	1176/3624 (32.5%) (32.2% - 32.9%)

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 2.28 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=2777, Missing=324)					
Aspirations	793	621	1282	81	2777
Transfers	680	544	1124	73	2421
HCG + per aspiration cycle	156/788 (19.8%) (19.7% - 20.3%)	112/614 (18.2%) (18.0% - 19.2%)	206/1269 (16.2%) (16.1% - 17.1%)	15/80 (18.8%) (18.5% - 19.8%)	489/2751 (17.8%) (17.6% - 18.5%)
HCG + per embryo transfer	156/678 (23.0%) (22.9% - 23.2%)	112/537 (20.9%) (20.6% - 21.9%)	206/1113 (18.5%) (18.3% - 19.3%)	15/72 (20.8%) (20.5% - 21.9%)	489/2400 (20.4%) (20.2% - 21.1%)

NA=no cycles with data available.
In the calculation of the ratios, only cycles with available data are considered. In the line underneath, the range expresses the minimum and maximum possible rates when accounting for missing data by considering missing 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=386, Missing=78)					
Aspirations	124	79	132	51	386
Transfers	104	67	113	46	330
HCG + per aspiration cycle	6/123 (4.9%) (4.8% - 5.6%)	9/78 (11.5%) (11.4% - 12.7%)	17/131 (13.0%) (12.9% - 13.6%)	3/49 (6.1%) (5.9% - 9.8%)	35/381 (9.2%) (9.1% - 10.4%)
HCG + per embryo transfer	6/103 (5.8%) (5.8% - 6.7%)	9/66 (13.6%) (13.4% - 14.9%)	17/112 (15.2%) (15.0% - 15.9%)	3/44 (6.8%) (6.5% - 10.9%)	35/325 (10.8%) (10.6% - 12.1%)

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

Table 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=10647, Missing=692)					
Aspirations	4455	2603	3425	164	10647
Transfers	4023	2413	3173	147	9756
Clinical Pregnancy per aspiration cycle	1367/4432 (30.8%) (30.7% - 31.2%)	858/2592 (33.1%) (33.0% - 33.4%)	1088/3409 (31.9%) (31.8% - 32.2%)	37/162 (22.8%) (22.6% - 23.8%)	3350/10595 (31.6%) (31.5% - 32.0%)
Clinical Pregnancy per embryo transfer	1367/4001 (34.2%) (34.0% - 34.5%)	858/2402 (35.7%) (35.6% - 36.0%)	1088/3158 (34.5%) (34.3% - 34.8%)	37/145 (25.5%) (25.2% - 26.5%)	3350/9706 (34.5%) (34.3% - 34.9%)

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

Table 2.29 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=4059, Missing=470)					
Aspirations	1342	934	1629	154	4059
Transfers	1198	847	1468	138	3651
Clinical Pregnancy per aspiration cycle	326/1331 (24.5%) (24.3% - 25.1%)	208/925 (22.5%) (22.3% - 23.2%)	411/1617 (25.4%) (25.2% - 26.0%)	26/154 (16.9%) (16.9% - 16.9%)	971/4027 (24.1%) (23.9% - 24.7%)
Clinical Pregnancy per embryo transfer	326/1187 (27.5%) (27.2% - 28.1%)	208/839 (24.8%) (24.6% - 25.5%)	411/1457 (28.2%) (28.0% - 28.7%)	26/138 (18.8%) (18.8% - 18.8%)	971/3621 (26.8%) (26.6% - 27.4%)

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 2.29 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=2777, Missing=324)					
Aspirations	793	621	1282	81	2777
Transfers	680	544	1124	73	2421
Clinical Pregnancy per aspiration cycle	118/788 (15.0%) (14.9% - 15.5%)	88/614 (14.3%) (14.2% - 15.3%)	158/1269 (12.5%) (12.3% - 13.3%)	13/80 (16.3%) (16.0% - 17.3%)	377/2751 (13.7%) (13.6% - 14.5%)
Clinical Pregnancy per embryo transfer	118/678 (17.4%) (17.4% - 17.6%)	88/537 (16.4%) (16.2% - 17.5%)	158/1113 (14.2%) (14.1% - 15.0%)	13/72 (18.1%) (17.8% - 19.2%)	377/2400 (15.7%) (15.6% - 16.4%)

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

Rank	1	2	3-6	>=7	Total
>=43 (yrs)					
All Centres (N=386, Missing=78)					
Aspirations	124	79	132	51	386
Transfers	104	67	113	46	330
Clinical Pregnancy per aspiration cycle	4/123 (3.3%) (3.2% - 4.0%)	7/78 (9.0%) (8.9% - 10.1%)	10/131 (7.6%) (7.6% - 8.3%)	2/49 (4.1%) (3.9% - 7.8%)	23/381 (6.0%) (6.0% - 7.3%)
Clinical Pregnancy per embryo transfer	4/103 (3.9%) (3.8% - 4.8%)	7/66 (10.6%) (10.4% - 11.9%)	10/112 (8.9%) (8.8% - 9.7%)	2/44 (4.5%) (4.3% - 8.7%)	23/325 (7.1%) (7.0% - 8.5%)

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 2.30 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=10647, Missing=692)					
Aspirations	4455	2603	3425	164	10647
Transfers	4023	2413	3173	147	9756
FHB: 1/2/3	1283/1/0	795/11/0	999/16/0	34/1/0	3111/29/0
Clinical Pregnancy + FHB per aspiration cycle	1284/4420 (29.0%) (28.8% - 29.6%)	806/2586 (31.2%) (31.0% - 31.6%)	1015/3396 (29.9%) (29.6% - 30.5%)	35/162 (21.6%) (21.3% - 22.6%)	3140/10564 (29.7%) (29.5% - 30.3%)
Clinical Pregnancy + FHB per embryo transfer	1284/3989 (32.2%) (31.9% - 32.8%)	806/2396 (33.6%) (33.4% - 34.1%)	1015/3145 (32.3%) (32.0% - 32.9%)	35/145 (24.1%) (23.8% - 25.2%)	3140/9675 (32.5%) (32.2% - 33.0%)

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 2.30 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=4059, Missing=470)					
Aspirations	1342	934	1629	154	4059
Transfers	1198	847	1468	138	3651
FHB: 1/2/3	286/4/0	184/6/0	347/8/1	23/2/0	840/20/1
Clinical Pregnancy + FHB per aspiration cycle	290/1329 (21.8%) (21.6% - 22.6%)	190/922 (20.6%) (20.3% - 21.6%)	356/1610 (22.1%) (21.9% - 23.0%)	25/154 (16.2%) (16.2% - 16.2%)	861/4015 (21.4%) (21.2% - 22.3%)
Clinical Pregnancy + FHB per embryo transfer	290/1185 (24.5%) (24.2% - 25.3%)	190/836 (22.7%) (22.4% - 23.7%)	356/1450 (24.6%) (24.3% - 25.5%)	25/138 (18.1%) (18.1% - 18.1%)	861/3609 (23.9%) (23.6% - 24.7%)

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 2.30 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=2777, Missing=324)					
Aspirations	793	621	1282	81	2777
Transfers	680	544	1124	73	2421
FHB: 1/2/3	95/6/0	74/1/0	125/3/0	11/1/0	305/11/0
Clinical Pregnancy + FHB per aspiration cycle	101/786 (12.8%) (12.7% - 13.6%)	75/612 (12.3%) (12.1% - 13.5%)	128/1258 (10.2%) (10.0% - 11.9%)	12/79 (15.2%) (14.8% - 17.3%)	316/2735 (11.6%) (11.4% - 12.9%)
Clinical Pregnancy + FHB per embryo transfer	101/676 (14.9%) (14.9% - 15.4%)	75/535 (14.0%) (13.8% - 15.4%)	128/1102 (11.6%) (11.4% - 13.3%)	12/71 (16.9%) (16.4% - 19.2%)	316/2384 (13.3%) (13.1% - 14.6%)

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=386, Missing=78)					
Aspirations	124	79	132	51	386
Transfers	104	67	113	46	330
FHB: 1/2/3	4/0/0	7/0/0	10/0/0	1/0/0	22/0/0
Clinical Pregnancy + FHB per aspiration cycle	4/123 (3.3%) (3.2% - 4.0%)	7/78 (9.0%) (8.9% - 10.1%)	10/131 (7.6%) (7.6% - 8.3%)	1/48 (2.1%) (2.0% - 7.8%)	22/380 (5.8%) (5.7% - 7.3%)
Clinical Pregnancy + FHB per embryo transfer	4/103 (3.9%) (3.8% - 4.8%)	7/66 (10.6%) (10.4% - 11.9%)	10/112 (8.9%) (8.8% - 9.7%)	1/43 (2.3%) (2.2% - 8.7%)	22/324 (6.8%) (6.7% - 8.5%)

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=10647, Missing=692)					
Aspirations	4455	2603	3425	164	10647
Transfers	4023	2413	3173	147	9756
Number per delivery: 1/2/3	1056/21/1	581/70/3	688/175/1	19/6/0	2344/272/5
Delivery rate per aspiration cycle	1078/4346 (24.8%) (24.2% - 26.6%)	654/2533 (25.8%) (25.1% - 27.8%)	864/3343 (25.8%) (25.2% - 27.6%)	25/159 (15.7%) (15.2% - 18.3%)	2621/10381 (25.2%) (24.6% - 27.1%)
Delivery rate per embryo transfer	1078/3915 (27.5%) (26.8% - 29.5%)	654/2343 (27.9%) (27.1% - 30.0%)	864/3092 (27.9%) (27.2% - 29.8%)	25/142 (17.6%) (17.0% - 20.4%)	2621/9492 (27.6%) (26.9% - 29.6%)

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
[36-40[(yrs)					
All Centres (N=4059, Missing=470)					
Aspirations	1342	934	1629	154	4059
Transfers	1198	847	1468	138	3651
Number per delivery: 1/2/3	199/19/1	113/23/0	236/35/0	15/4/0	563/81/1
Delivery rate per aspiration cycle	219/1306 (16.8%) (16.3% - 19.0%)	136/908 (15.0%) (14.6% - 17.3%)	271/1593 (17.0%) (16.6% - 18.8%)	19/150 (12.7%) (12.3% - 14.9%)	645/3957 (16.3%) (15.9% - 18.4%)
Delivery rate per embryo transfer	219/1162 (18.8%) (18.3% - 21.3%)	136/822 (16.5%) (16.1% - 19.0%)	271/1433 (18.9%) (18.5% - 20.8%)	19/134 (14.2%) (13.8% - 16.7%)	645/3551 (18.2%) (17.7% - 20.4%)

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.

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=2777, Missing=324)					
Aspirations	793	621	1282	81	2777
Transfers	680	544	1124	73	2421
Number per delivery: 1/2/3	53/5/1	44/2/0	82/4/0	4/1/0	183/12/1
Delivery rate per aspiration cycle	59/780 (7.6%) (7.4% - 9.1%)	46/607 (7.6%) (7.4% - 9.7%)	86/1256 (6.8%) (6.7% - 8.7%)	5/78 (6.4%) (6.2% - 9.9%)	196/2721 (7.2%) (7.1% - 9.1%)
Delivery rate per embryo transfer	59/670 (8.8%) (8.7% - 10.1%)	46/530 (8.7%) (8.5% - 11.0%)	86/1100 (7.8%) (7.7% - 9.8%)	5/70 (7.1%) (6.8% - 11.0%)	196/2370 (8.3%) (8.1% - 10.2%)

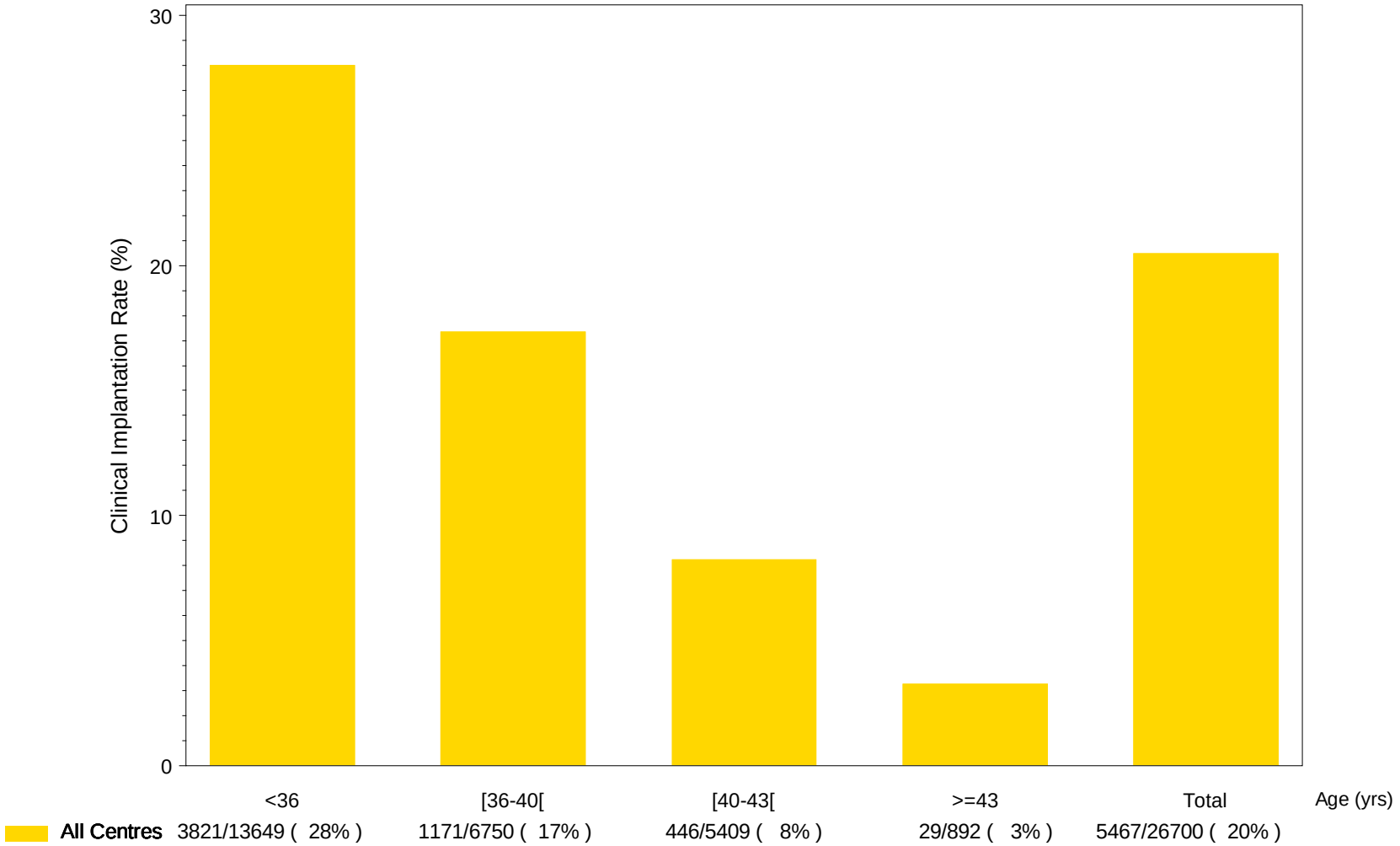
NA=no cycles with data available.
In the calculation of the ratios, only cycles with available data are considered. In the line underneath, the range expresses the minimum and maximum possible rates when accounting for missing data by considering missing delivery as negative and positive, respectively.

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

Rank	1	2	3-6	>=7	Total
>=43 (yrs)					
All Centres (N=386, Missing=78)					
Aspirations	124	79	132	51	386
Transfers	104	67	113	46	330
Number per delivery: 1/2/3	2/0/0	3/0/0	5/0/0	0/0/0	10/0/0
Delivery rate per aspiration cycle	2/123 (1.6%) (1.6% - 2.4%)	3/77 (3.9%) (3.8% - 6.3%)	5/130 (3.8%) (3.8% - 5.3%)	0/49 (0.0%) (0.0% - 3.9%)	10/379 (2.6%) (2.6% - 4.4%)
Delivery rate per embryo transfer	2/103 (1.9%) (1.9% - 2.9%)	3/65 (4.6%) (4.5% - 7.5%)	5/111 (4.5%) (4.4% - 6.2%)	0/44 (0.0%) (0.0% - 4.3%)	10/323 (3.1%) (3.0% - 5.2%)

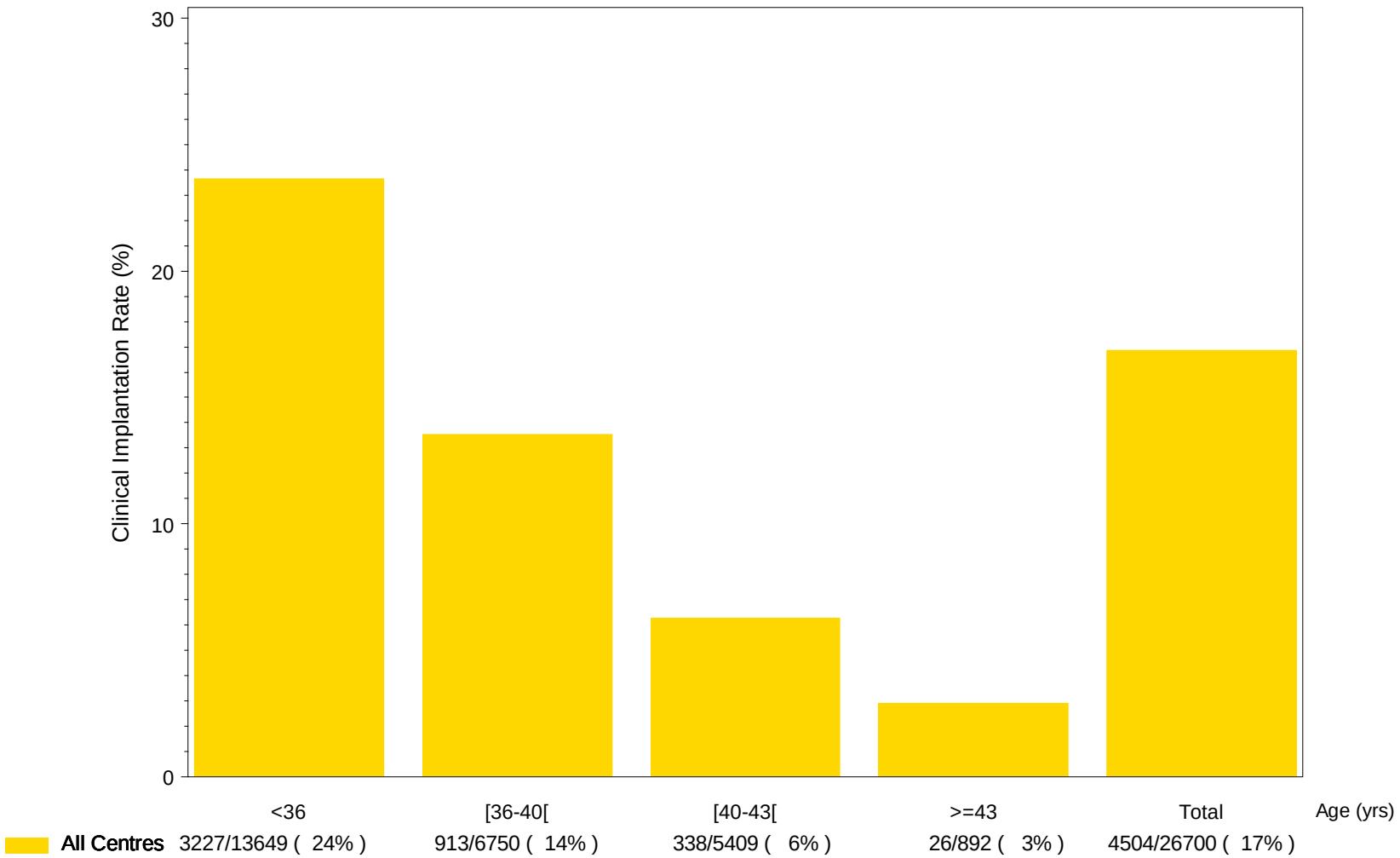
NA=no cycles with data available.
In the calculation of the ratios, only cycles with available data are considered. In the line underneath, the range expresses the minimum and maximum possible rates when accounting for missing data by considering missing delivery as negative and positive, respectively.

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



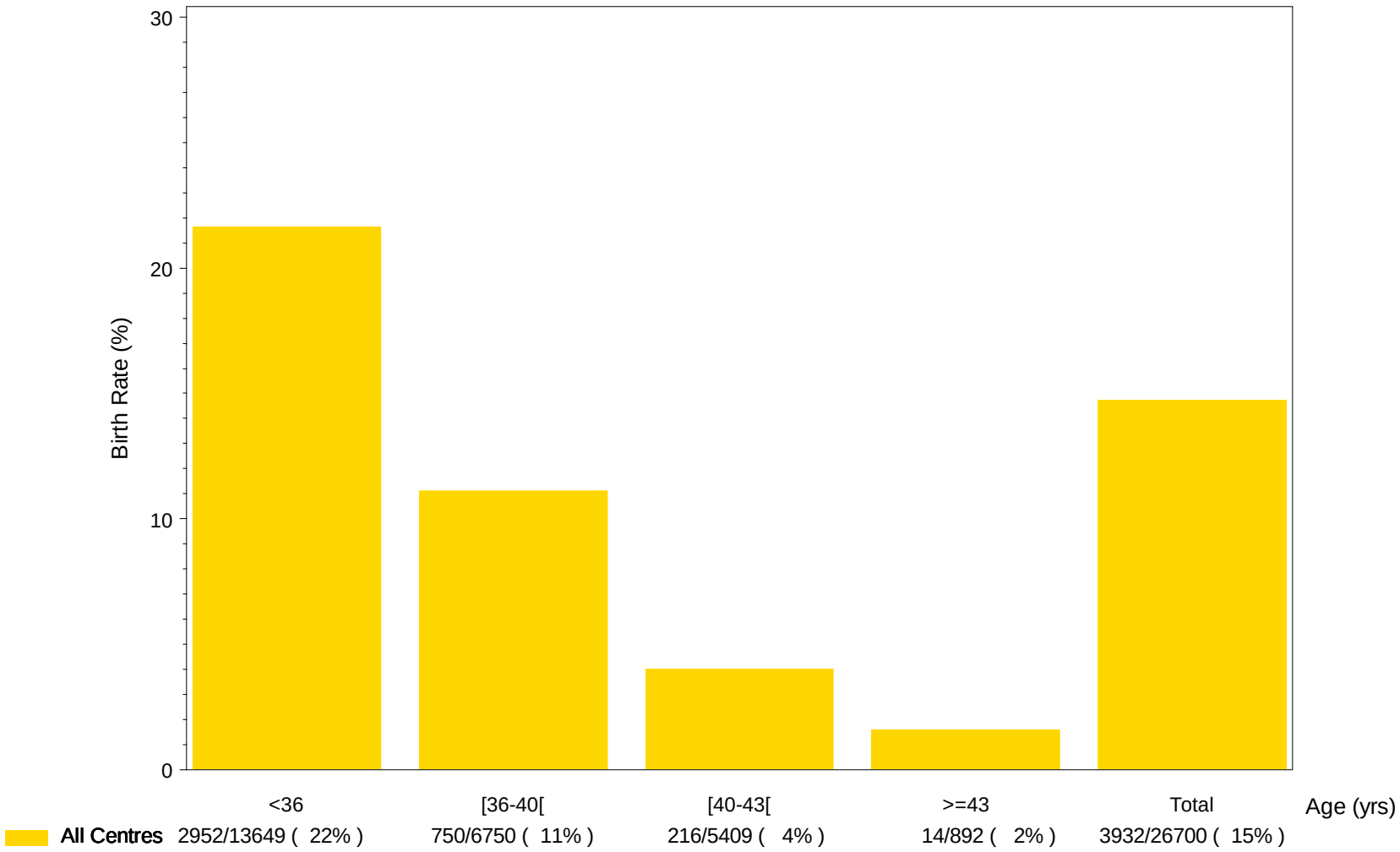
n/N (%) where n = Total number of uterine sacs; N = Total number of embryos transferred; %= n*100/N; NA = No cycles with data available.

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



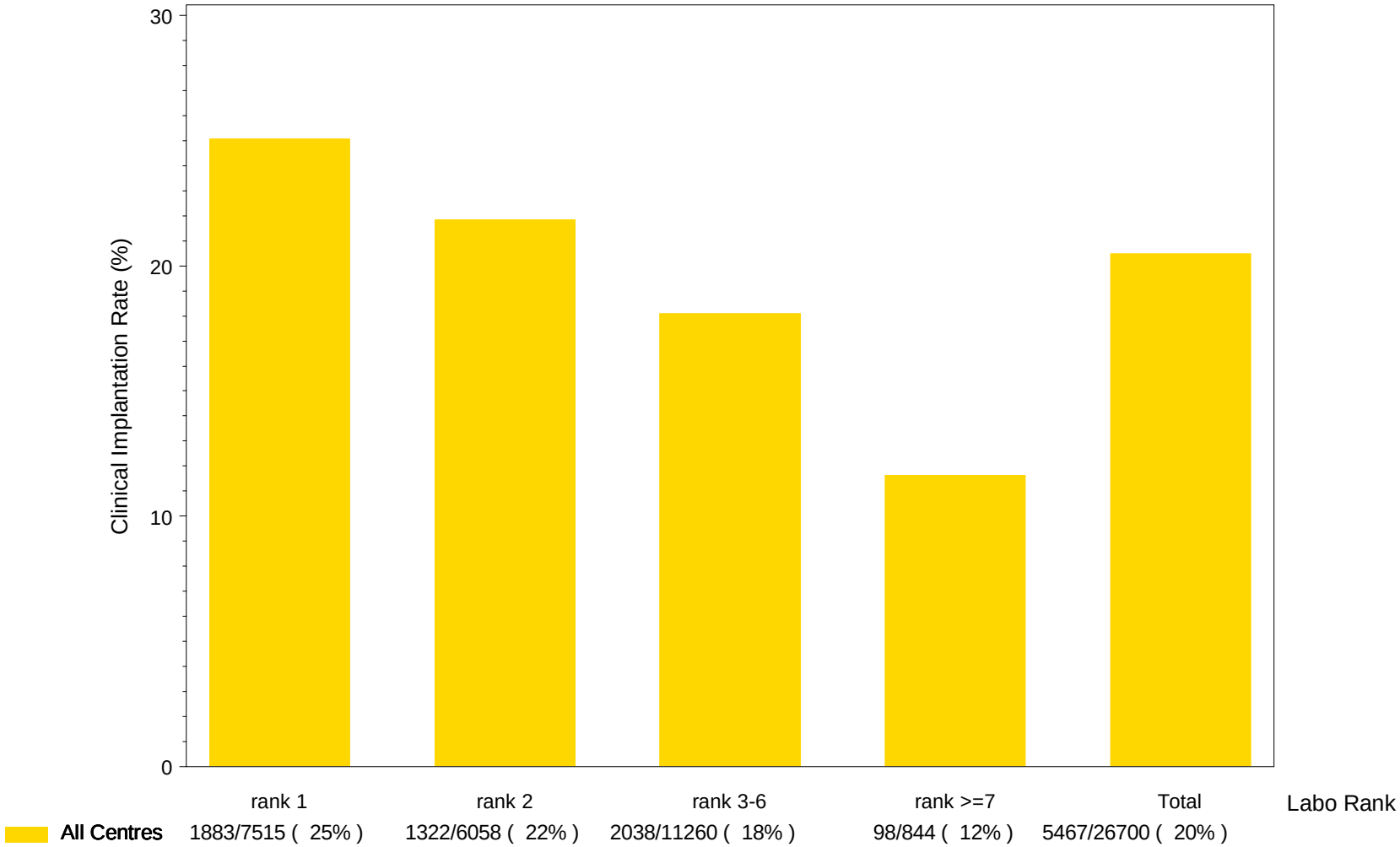
n/N (%) where n = Total number of FHB; N = Total number of embryos transferred; %= n*100/N; NA = No cycles with data available.

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



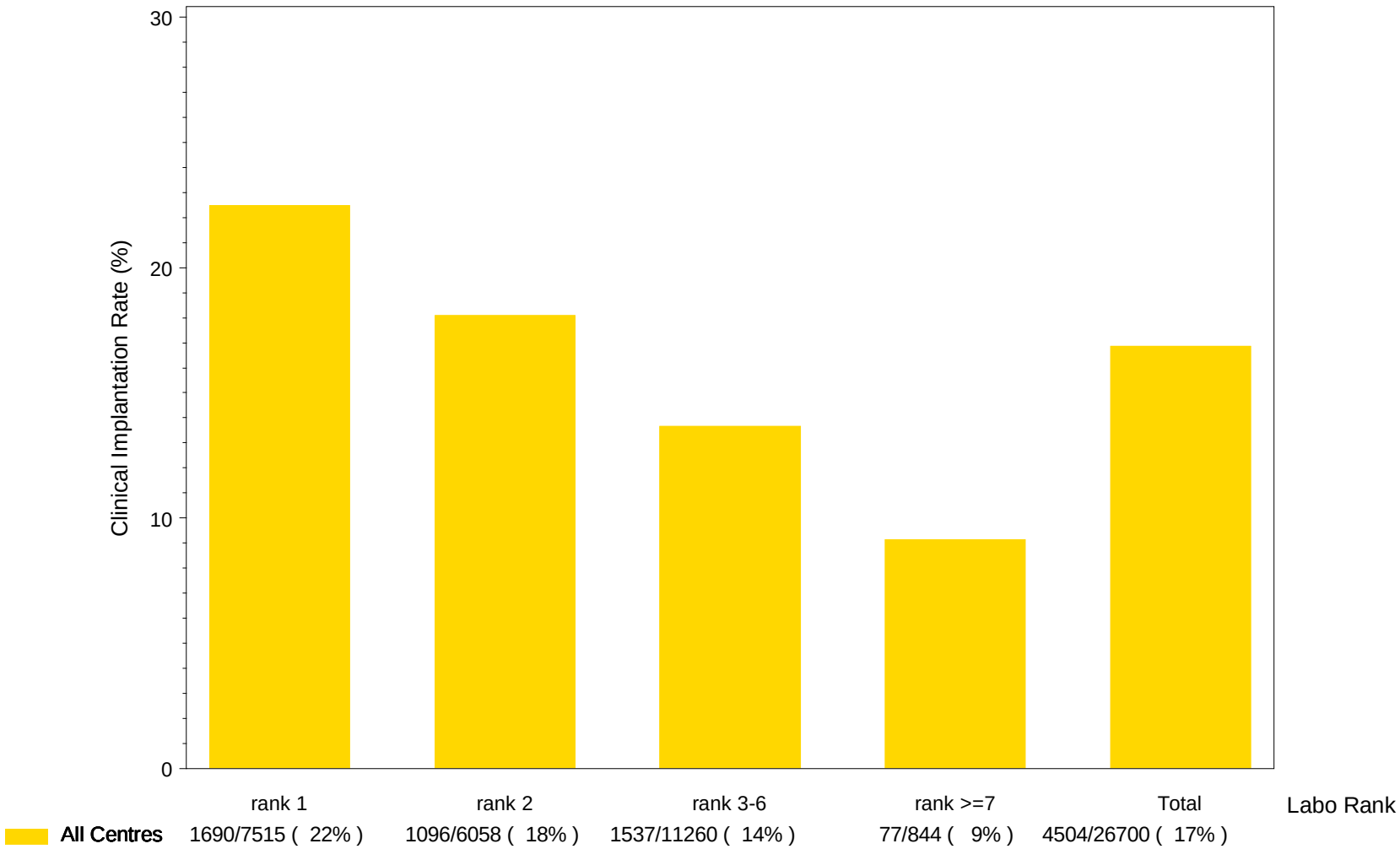
n/N (%) where n = Total number of babies; N = Total number of embryos transferred; %= n*100/N; NA = No cycles with data available.

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



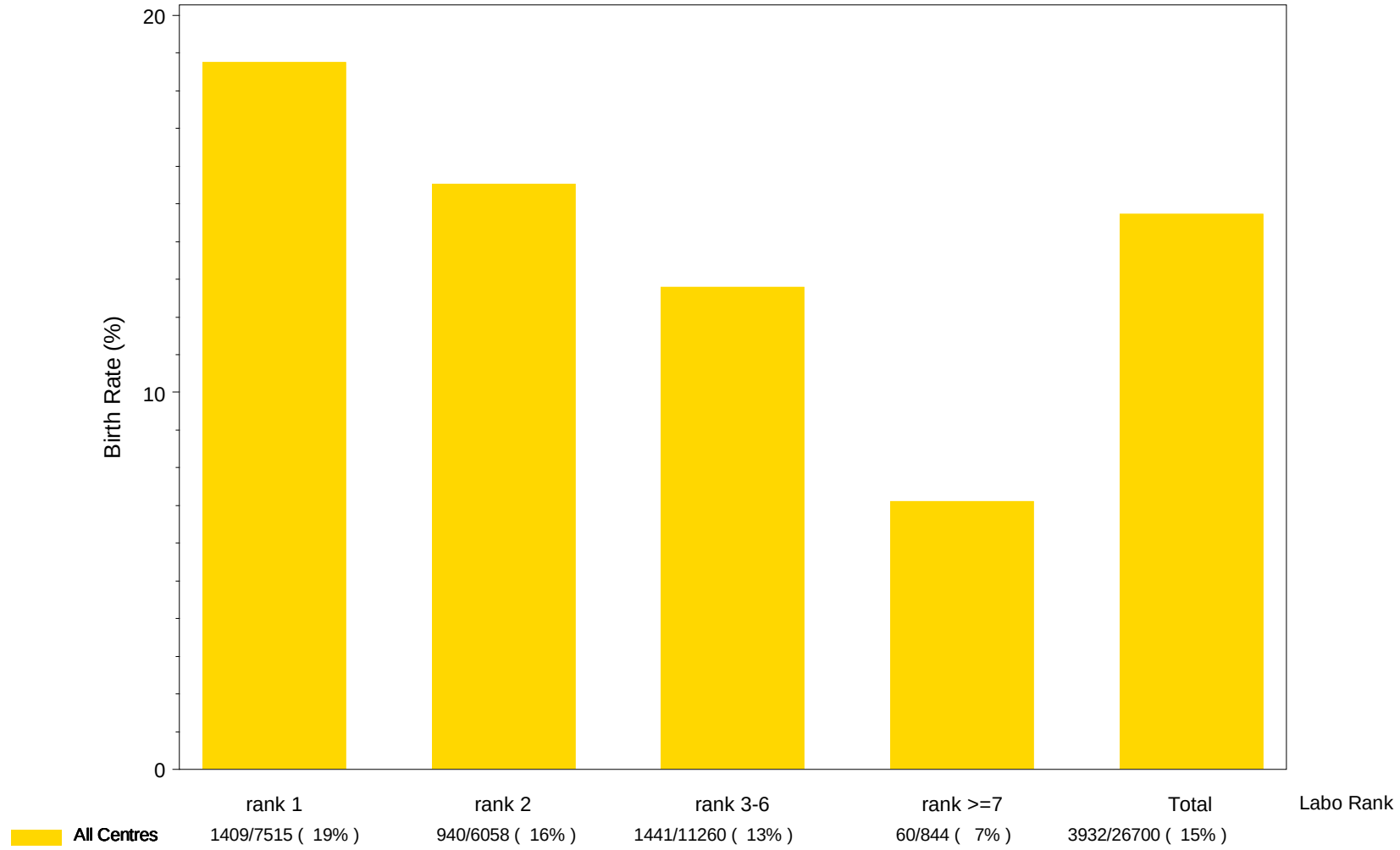
n/N (%) where n = Total number of uterine sacs; N = Total number of embryos transferred; %= n*100/N; NA = No cycles with data available.

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



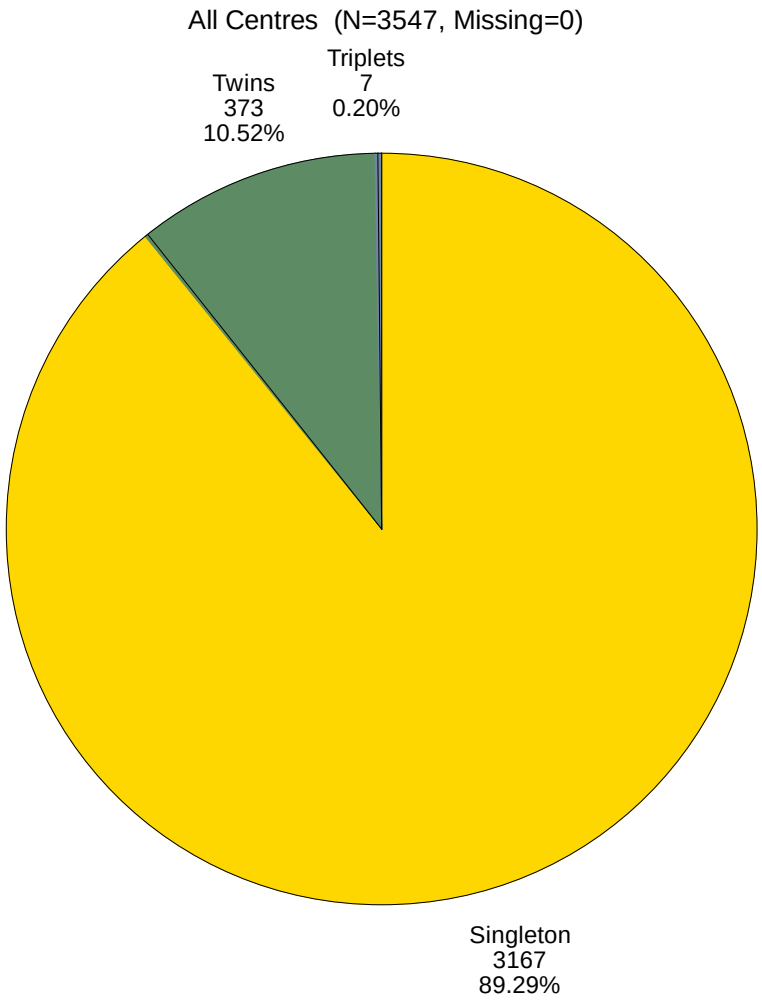
n/N (%) where n = Total number of FHB; N = Total number of embryos transferred; %= n*100/N; NA = No cycles with data available.

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



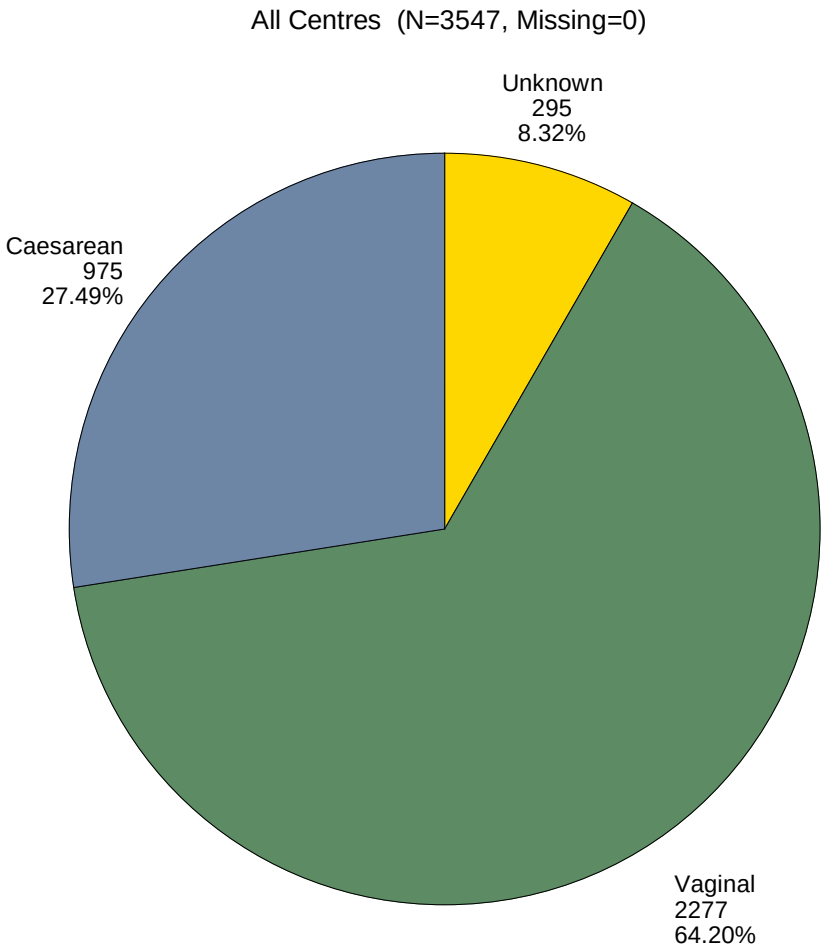
n/N (%) where n = Total number of babies; N = Total number of embryos transferred; %= n*100/N; NA = No cycles with data available.

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=3916, Missing=18)
Sex of baby	
Male	1851/3916 (47.27%)
Female	1938/3916 (49.49%)
Unknown	127/3916 (3.24%)

Table 2.41 Own fresh cycles: Birth weight

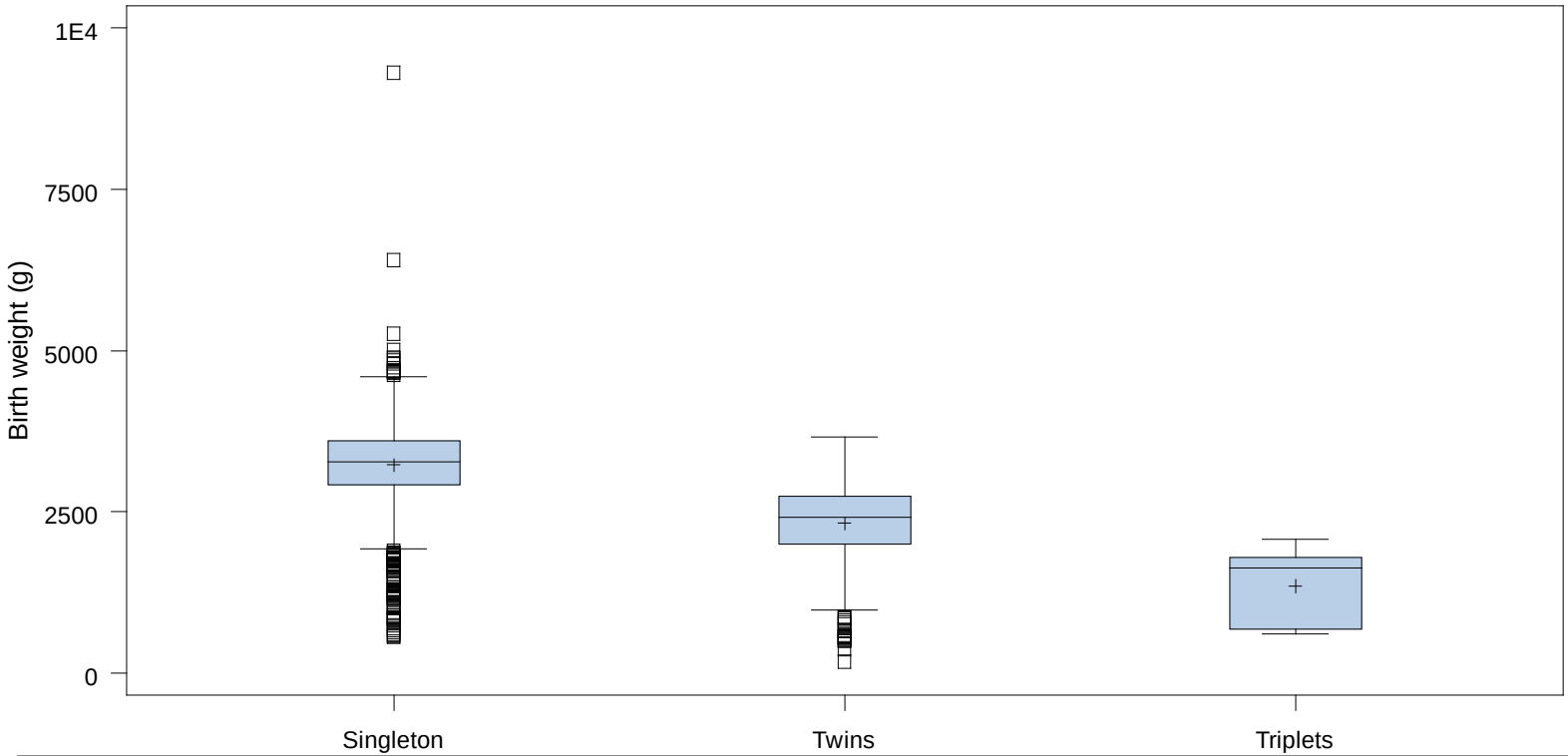
	Statistic	All Centres (N=3699, Missing=235)
Birth weight (g)		
Singletons	N	2974
	Mean	3230.0
	Std	600.51
	Median	3270.0
	IQR	(2920.0; 3595.0)
Twins	N	707
	Mean	2320.7
	Std	604.80
	Median	2410.0
	IQR	(2000.0; 2740.0)
Triplets	N	18
	Mean	1352.5
	Std	571.41
	Median	1625.0
	IQR	(680.0; 1800.0)

Table 2.42 Own fresh cycles: Gestational age at delivery

	Statistic	All Centres (N=3514, Missing=33)
Gestational age at delivery (weeks)		
Singletons	N	3137
	Mean	38.9
	Std	2.66
	Median	39.4
	IQR	(38.3; 40.3)
Twins	N	370
	Mean	35.6
	Std	3.05
	Median	36.4
	IQR	(34.3; 37.6)
Triplets	N	7
	Mean	31.5
	Std	5.20
	Median	33.0
	IQR	(24.6; 34.3)

Twin or triplet birth is counted as one birth event.

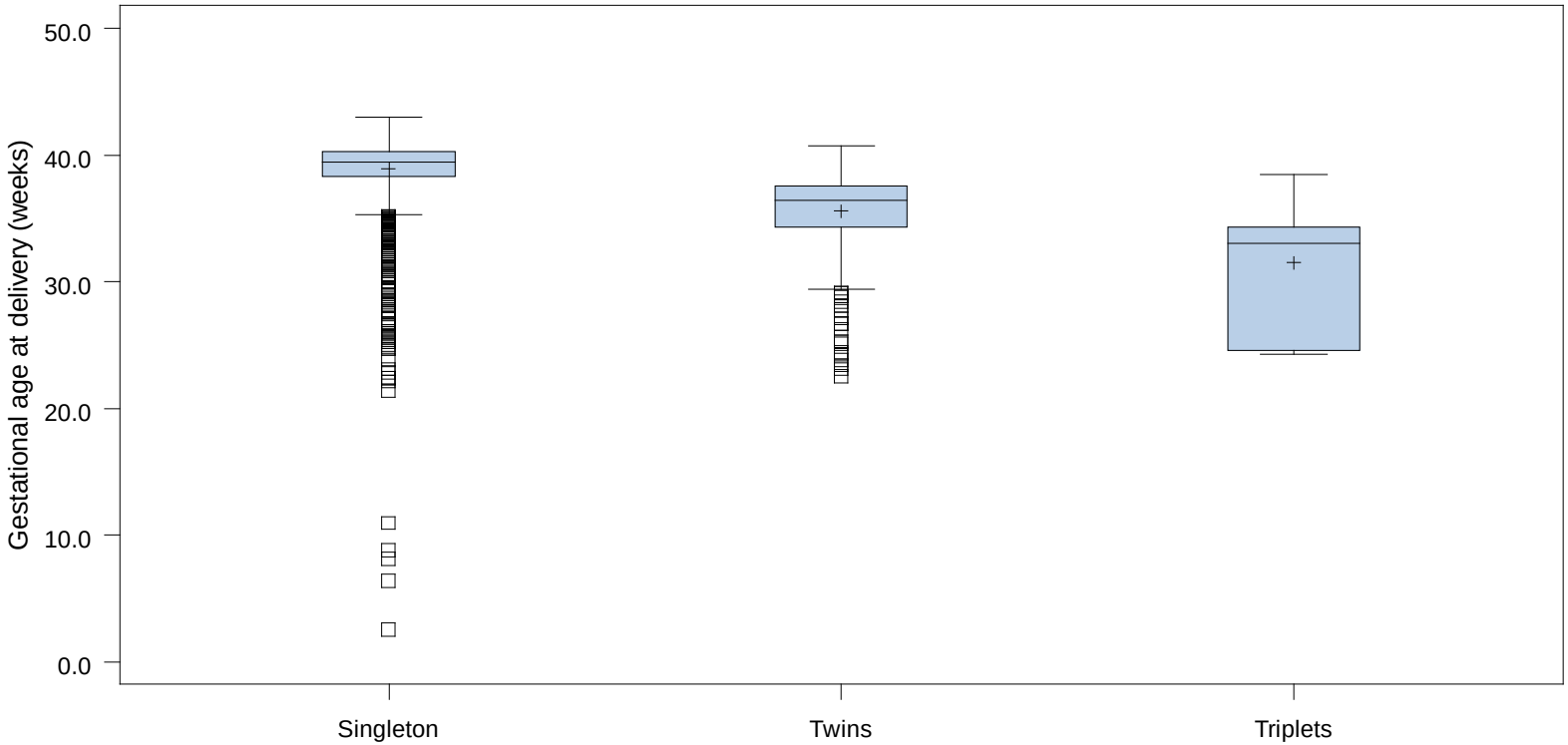
Figure 2.43 Own fresh cycles: Birth weight (boxplot)



	All Centres		
N	2974	707	18
Missing	193	39	3
Mean	3230.0	2320.7	1352.5
SD	600.51	604.80	571.41
Median	3270.0	2410.0	1625.0
(Min,Max)	(570,9314)	(180,3659)	(600,2075)
(Q1,Q3)	(2920,3595)	(2000,2740)	(680,1800)

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	3137	370	7
Missing	30	3	0
Mean	38.9	35.6	31.5
SD	2.66	3.05	5.20
Median	39.4	36.4	33.0
(Min,Max)	(3,43)	(23,41)	(24,38)
(Q1,Q3)	(38,40)	(34,38)	(25,34)

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.
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=3514, Missing=33)								
< 32	73	(2.3%)	36	(9.7%)	2	(28.6%)	111	(3.2%)
[32-37[	274	(8.7%)	180	(48.6%)	4	(57.1%)	458	(13.0%)
>=37	2790	(88.9%)	154	(41.6%)	1	(14.3%)	2945	(83.8%)
Total	3137	(100.0%)	370	(100.0%)	7	(100.0%)	3514	(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

	Type of delivery							
Birth weight (g)	**Singletons**		**Twins**		**Triplets**		**Total**	
All Centres (N=3699, Missing=235)								
< 1500	45	(1.5%)	77	(10.9%)	8	(44.4%)	130	(3.5%)
[1500-2500[	213	(7.2%)	316	(44.7%)	10	(55.6%)	539	(14.6%)
>= 2500	2716	(91.3%)	314	(44.4%)	NA		3030	(81.9%)
Total	2974	(100.0%)	707	(100.0%)	18	(100.0%)	3699	(100.0%)

NA: no data available

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

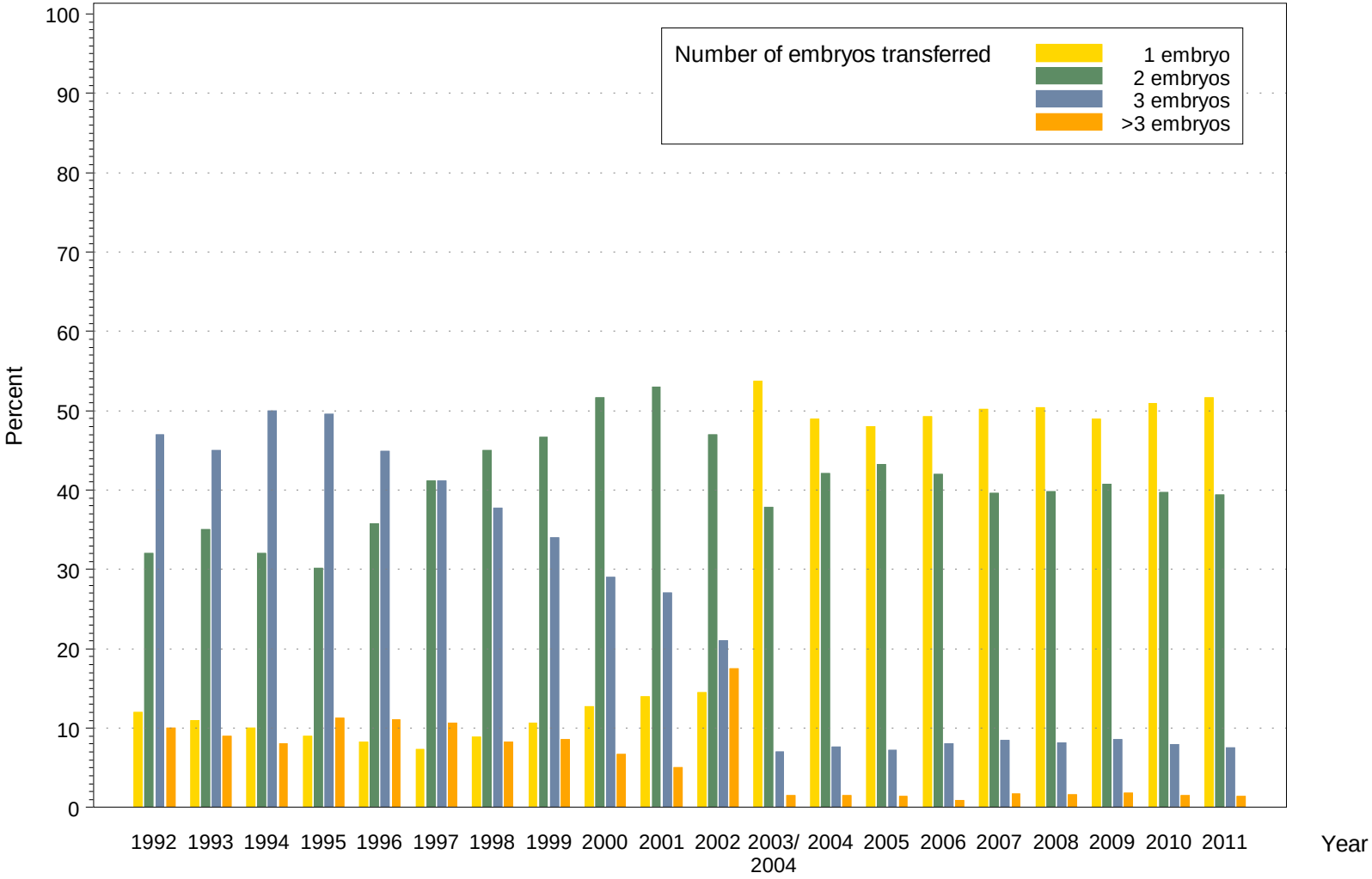


Figure 2.48 Own fresh cycles: Evolution of number of single and multiple deliveries

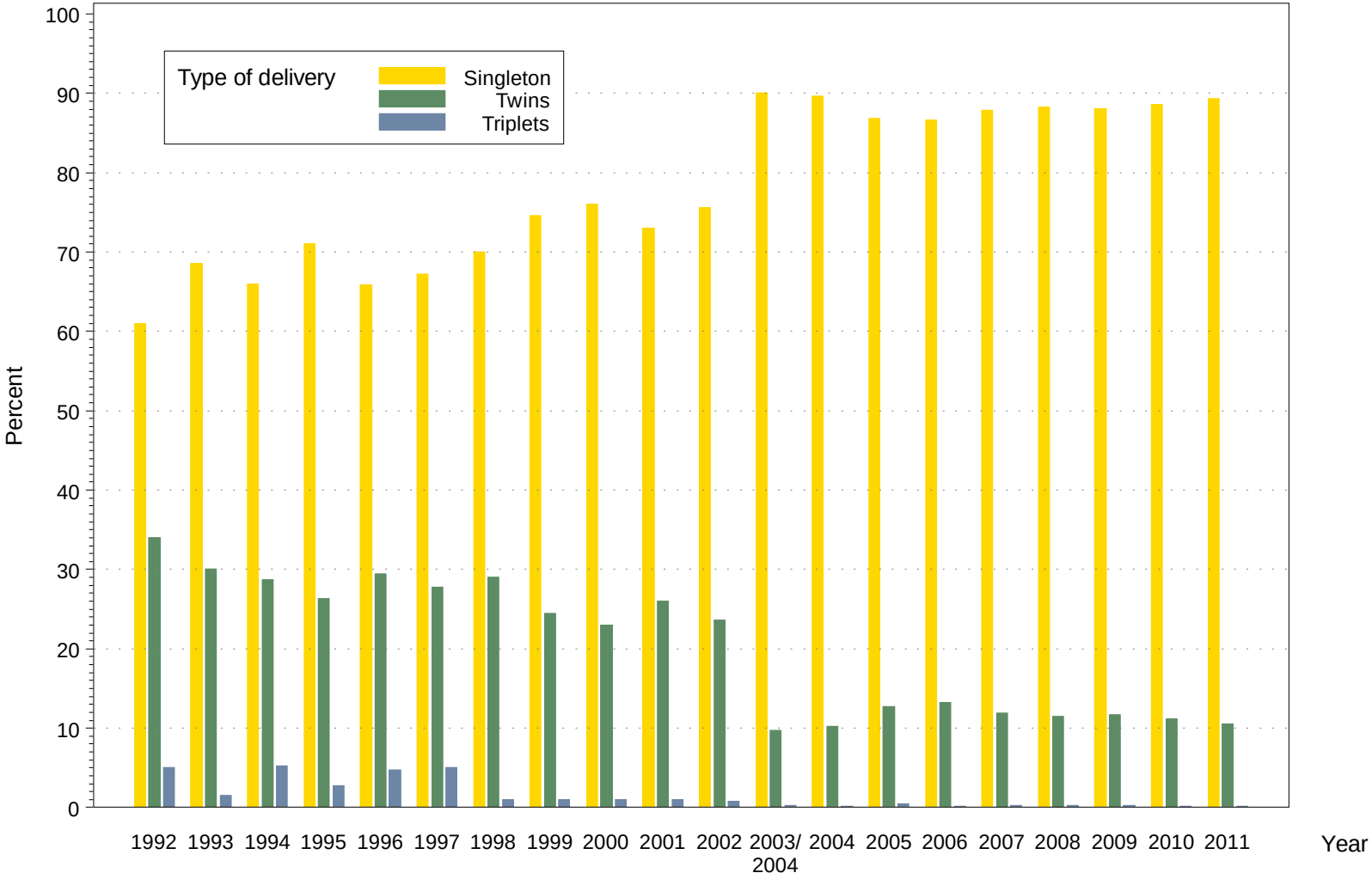


Table 2.49 Own fresh cycles: Complications

	Statistic	All Centres (N=20692, Missing=1001)
Complications		
No	n/N (%)	19608/20692 (94.76%)
Yes	n/N (%)	153/20692 (0.74%)
Unknown	n/N (%)	931/20692 (4.50%)
Complication: Thrombosis		
Yes	n/N (%)	1/153 (0.65%)
No	n/N (%)	120/153 (78.43%)
Unknown	n/N (%)	32/153 (20.92%)
Complication: OHSS Severe (Grade III-IV)		
Yes	n/N (%)	86/153 (56.21%)
No	n/N (%)	47/153 (30.72%)
Unknown	n/N (%)	20/153 (13.07%)
Complication: Infection (PID)		
Yes	n/N (%)	4/153 (2.61%)
No	n/N (%)	121/153 (79.08%)
Unknown	n/N (%)	28/153 (18.30%)

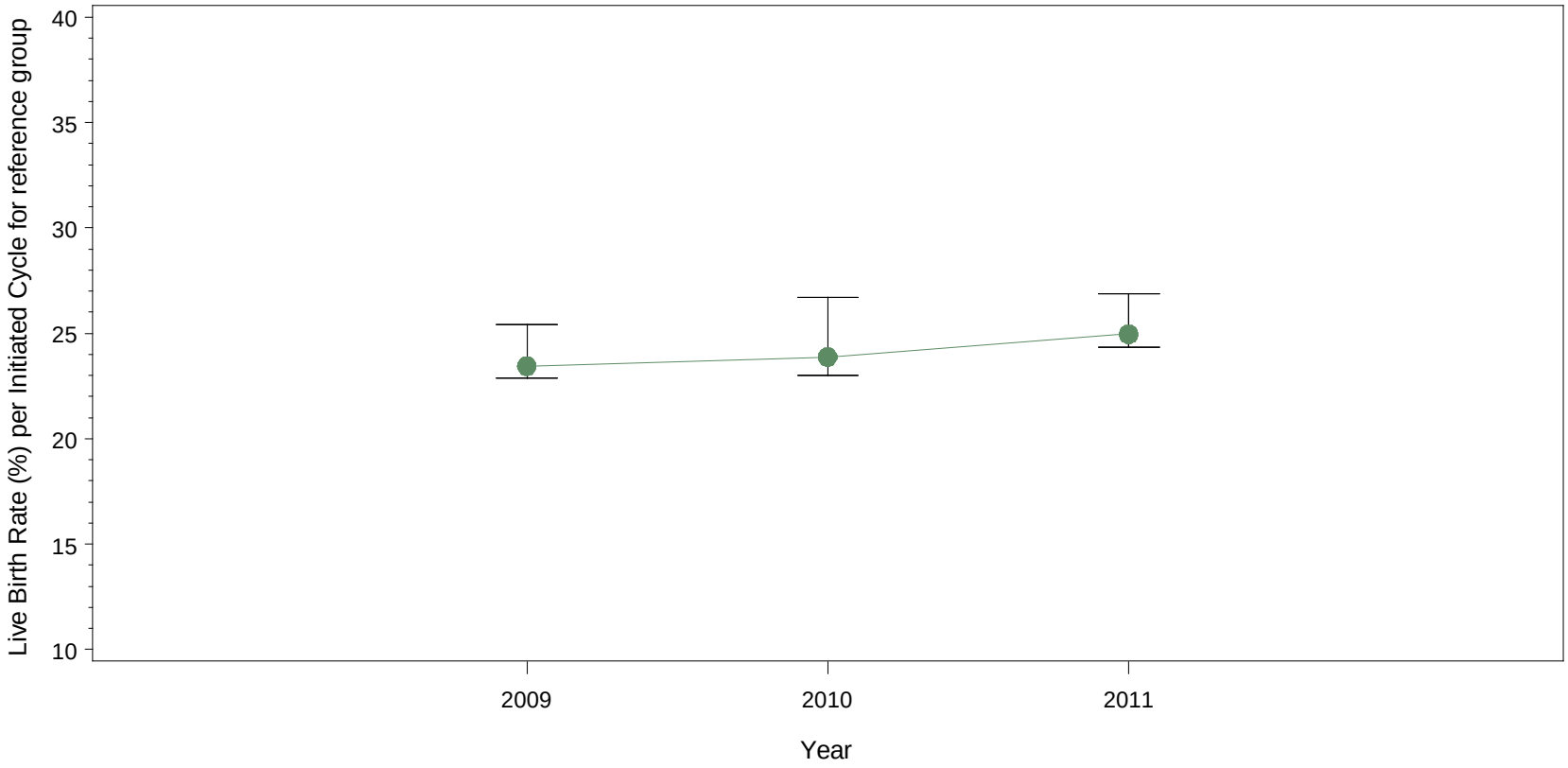
Note: A patient can have more than one complication.

Table 2.49 Own fresh cycles: Complications

	Statistic	All Centres (N=20692, Missing=1001)
Complication: Bleeding		
Yes	n/N (%)	9/153 (5.88%)
No	n/N (%)	117/153 (76.47%)
Unknown	n/N (%)	27/153 (17.65%)
Complication: Death (mother)		
No	n/N (%)	115/153 (75.16%)
Unknown	n/N (%)	38/153 (24.84%)
Complication: Other		
Yes	n/N (%)	38/153 (24.84%)
No	n/N (%)	101/153 (66.01%)
Unknown	n/N (%)	14/153 (9.15%)

Note: A patient can have more than one complication.

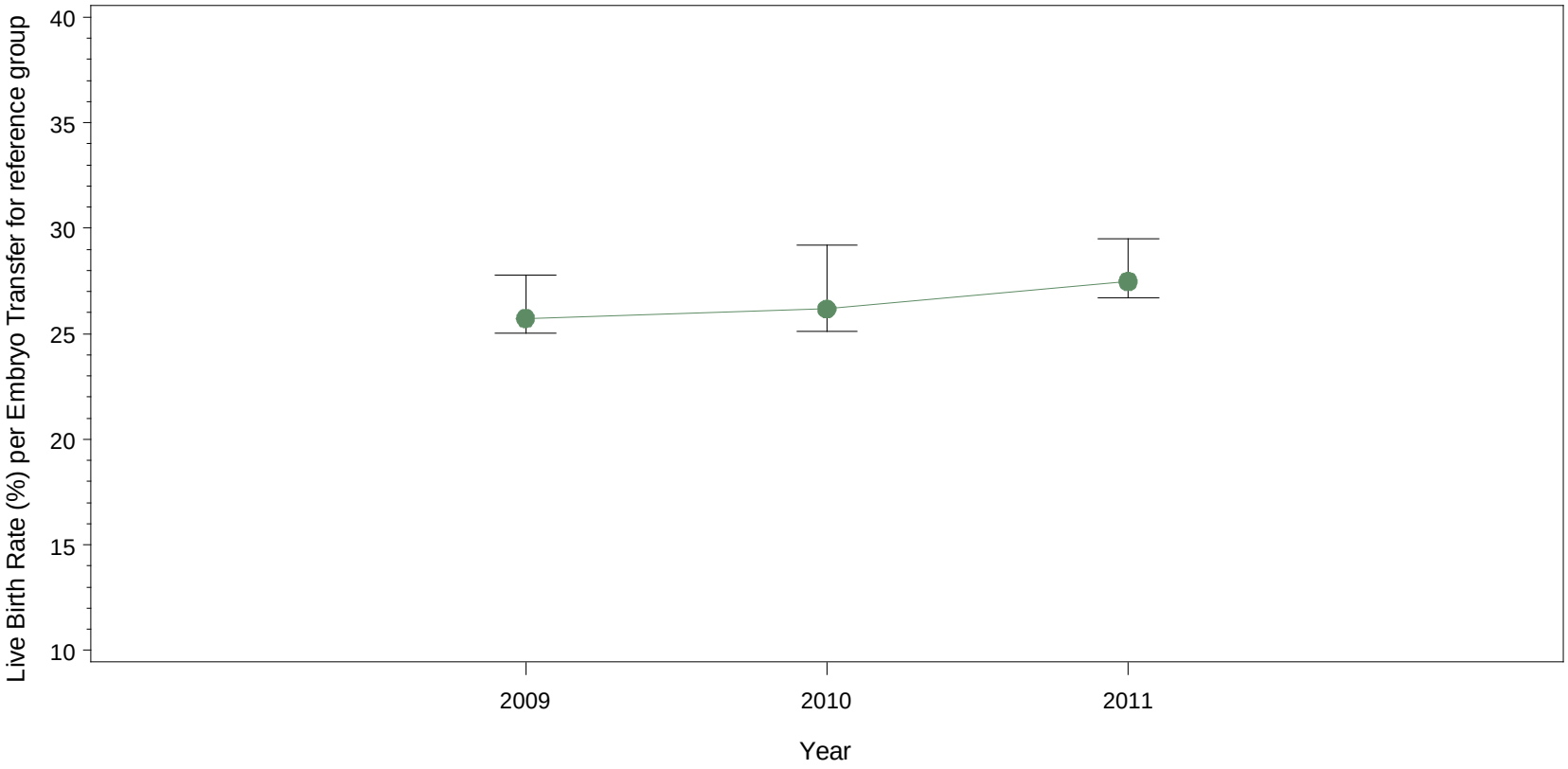
Figure 2.50 Own fresh cycles: Live Birth Rate per Initiated Cycle for reference group



Rate of Birth	2009	2010	2011
Best Birth Rate	25.40%	26.73%	26.89%
Overall Birth Rate	23.46%	23.89%	24.97%
Worst Birth Rate	22.86%	23.00%	24.33%

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.

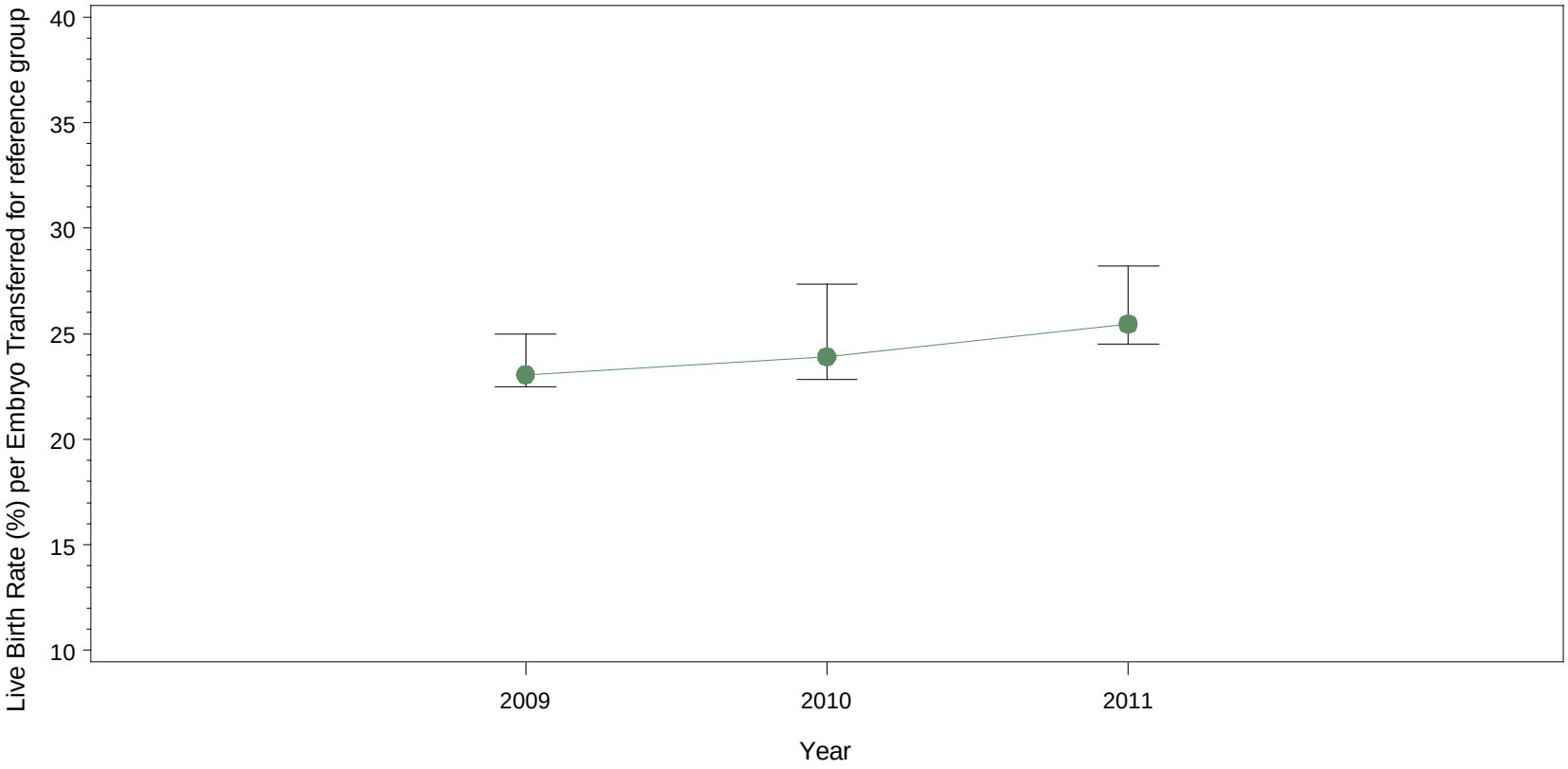
Figure 2.51 Own fresh cycles: Live Birth Rate per Embryo Transfer for reference group



Rate of Birth	2009	2010	2011
Best Birth Rate	27.80%	29.19%	29.51%
Overall Birth Rate	25.74%	26.18%	27.49%
Worst Birth Rate	25.02%	25.12%	26.72%

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



Rate of Birth	2009	2010	2011
Best Birth Rate	24.98%	27.34%	28.23%
Overall Birth Rate	23.07%	23.92%	25.47%
Worst Birth Rate	22.50%	22.85%	24.53%

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 embryo cryo cycles: Overview of cryo cycles

Cryo cycle	All Centres	
Initiated	9965	(100.0%)
Cancelled	509	(5.1%)
Thawed	9456	(94.9%)
Embryo Transfer	7738	(77.7%)

Table 3.2 Own embryo cryo cycles: Number of embryos transferred

	All Centres
Number of cycles with transfer	7738
Number of embryos transferred	
1	4140/7735 (53.52%)
2	3585/7735 (46.35%)
3	9/7735 (0.12%)
>3	1/7735 (0.01%)
Total number of embryos transferred	11341

Based on all cycles with at least one embryo transferred.

Table 3.3 Own embryo cryo cycles: Pituitary inhibition

	Statistic	All Centres (N=9736, Missing=229)
Pituitary inhibition		
Yes	n/N (%)	417/9736 (4.28%)
No	n/N (%)	9319/9736 (95.72%)

Table 3.4 Own embryo cryo cycles: Stimulation protocol

	Statistic	All Centres (N=9875, Missing=90)
Stimulation protocol		
Clomiphene	n/N (%)	977/9875 (9.89%)
Gonadotrophins	n/N (%)	217/9875 (2.20%)
Clomiphene + Gonadotrophins	n/N (%)	4/9875 (0.04%)
Aromatase Inhibitor + Gonadotrophins	n/N (%)	3/9875 (0.03%)
Substitution	n/N (%)	2662/9875 (26.96%)
None	n/N (%)	5220/9875 (52.86%)
Other	n/N (%)	792/9875 (8.02%)

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

Age (yrs)	< 36	[36-40[	[40-43[	>=43	All ages
All Centres (N=9965, Missing=0)					
Initiated cycles	7072	1999	696	198	9965
Thawed cycles	6733	1894	646	183	9456
Transfers	5509	1540	535	154	7738
HCG + per initiated cycle	1678/7024 (23.9%) (23.7% - 24.4%)	381/1982 (19.2%) (19.1% - 19.9%)	104/686 (15.2%) (14.9% - 16.4%)	32/194 (16.5%) (16.2% - 18.2%)	2195/9886 (22.2%) (22.0% - 22.8%)
HCG + per thawing cycle	1678/6685 (25.1%) (24.9% - 25.6%)	381/1877 (20.3%) (20.1% - 21.0%)	104/636 (16.4%) (16.1% - 17.6%)	32/179 (17.9%) (17.5% - 19.7%)	2195/9377 (23.4%) (23.2% - 24.0%)
HCG + per embryo transfer	1678/5461 (30.7%) (30.5% - 31.3%)	381/1523 (25.0%) (24.7% - 25.8%)	104/525 (19.8%) (19.4% - 21.3%)	32/150 (21.3%) (20.8% - 23.4%)	2195/7659 (28.7%) (28.4% - 29.4%)

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 HCG results as negative and positive, respectively.

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

Age (yrs)	< 36	[36-40[	[40-43[	>=43	All ages
All Centres (N=9965, Missing=0)					
Initiated cycles	7072	1999	696	198	9965
Thawed cycles	6733	1894	646	183	9456
Transfers	5509	1540	535	154	7738
Clinical Pregnancy per initiated cycle	1411/7023 (20.1%) (20.0% - 20.6%)	318/1981 (16.1%) (15.9% - 16.8%)	78/686 (11.4%) (11.2% - 12.6%)	12/194 (6.2%) (6.1% - 8.1%)	1819/9884 (18.4%) (18.3% - 19.1%)
Clinical Pregnancy per thawing cycle	1411/6684 (21.1%) (21.0% - 21.7%)	318/1876 (17.0%) (16.8% - 17.7%)	78/636 (12.3%) (12.1% - 13.6%)	12/179 (6.7%) (6.6% - 8.7%)	1819/9375 (19.4%) (19.2% - 20.1%)
Clinical Pregnancy per embryo transfer	1411/5460 (25.8%) (25.6% - 26.5%)	318/1522 (20.9%) (20.6% - 21.8%)	78/525 (14.9%) (14.6% - 16.4%)	12/150 (8.0%) (7.8% - 10.4%)	1819/7657 (23.8%) (23.5% - 24.6%)

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

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

Age (yrs)	< 36	[36-40[	[40-43[	>=43	All ages
All Centres (N=9965, Missing=0)					
Initiated cycles	7072	1999	696	198	9965
Thawed cycles	6733	1894	646	183	9456
Transfers	5509	1540	535	154	7738
FHB: 1/2/3/4	1258/17/1	287/2/0	70/1/0	9/0/0	1624/20/1
Clinical Pregnancy + FHB per initiated cycle	1276/7004 (18.2%) (18.0% - 19.0%)	289/1979 (14.6%) (14.5% - 15.5%)	71/685 (10.4%) (10.2% - 11.8%)	9/193 (4.7%) (4.5% - 7.1%)	1645/9861 (16.7%) (16.5% - 17.6%)
Clinical Pregnancy + FHB per thawing cycle	1276/6665 (19.1%) (19.0% - 20.0%)	289/1874 (15.4%) (15.3% - 16.3%)	71/635 (11.2%) (11.0% - 12.7%)	9/178 (5.1%) (4.9% - 7.7%)	1645/9352 (17.6%) (17.4% - 18.5%)
Clinical Pregnancy + FHB per embryo transfer	1276/5441 (23.5%) (23.2% - 24.4%)	289/1520 (19.0%) (18.8% - 20.1%)	71/524 (13.5%) (13.3% - 15.3%)	9/149 (6.0%) (5.8% - 9.1%)	1645/7634 (21.5%) (21.3% - 22.6%)

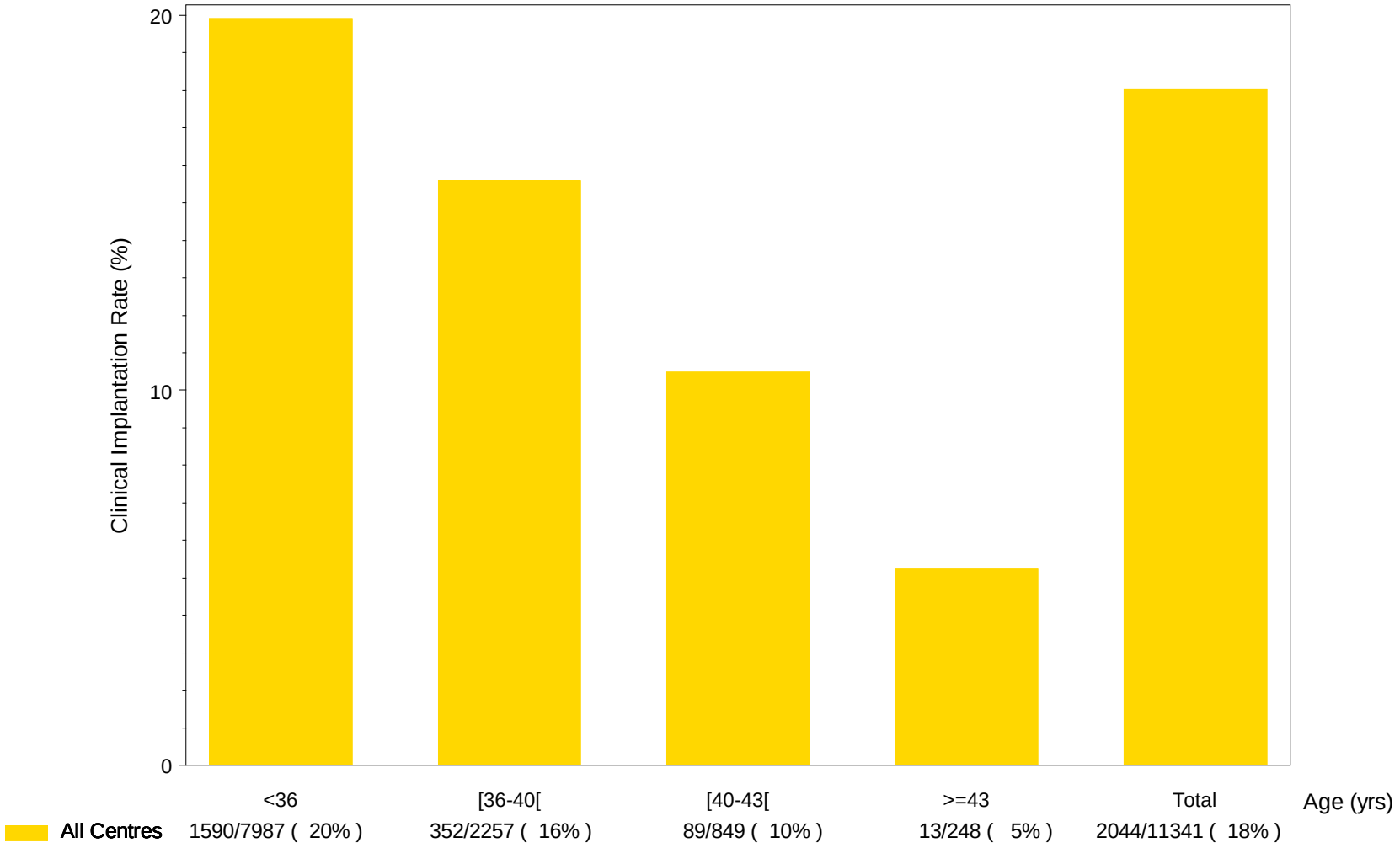
NA=no cycles with data available.
In the calculation of the ratios, only cycles with available data are considered. In the line underneath, the range expresses the minimum and maximum possible rates when accounting for missing data by considering missing results as negative and positive, respectively.

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

Age (yrs)	< 36	[36-40[	[40-43[	>=43	All ages
All Centres (N=9965, Missing=0)					
Initiated cycles	7072	1999	696	198	9965
Thawed cycles	6733	1894	646	183	9456
Transfers	5509	1540	535	154	7738
Number per delivery: 1/2/3	893/109/1	214/21/0	53/3/0	6/1/0	1166/134/1
Delivery rate per initiated cycle	1003/6912 (14.5%) (14.2% - 16.4%)	235/1968 (11.9%) (11.8% - 13.3%)	56/681 (8.2%) (8.0% - 10.2%)	7/194 (3.6%) (3.5% - 5.6%)	1301/9755 (13.3%) (13.1% - 15.2%)
Delivery rate per thawing cycle	1003/6573 (15.3%) (14.9% - 17.3%)	235/1863 (12.6%) (12.4% - 14.0%)	56/631 (8.9%) (8.7% - 11.0%)	7/179 (3.9%) (3.8% - 6.0%)	1301/9246 (14.1%) (13.8% - 16.0%)
Delivery rate per embryo transfer	1003/5349 (18.8%) (18.2% - 21.1%)	235/1509 (15.6%) (15.3% - 17.3%)	56/520 (10.8%) (10.5% - 13.3%)	7/150 (4.7%) (4.5% - 7.1%)	1301/7528 (17.3%) (16.8% - 19.5%)

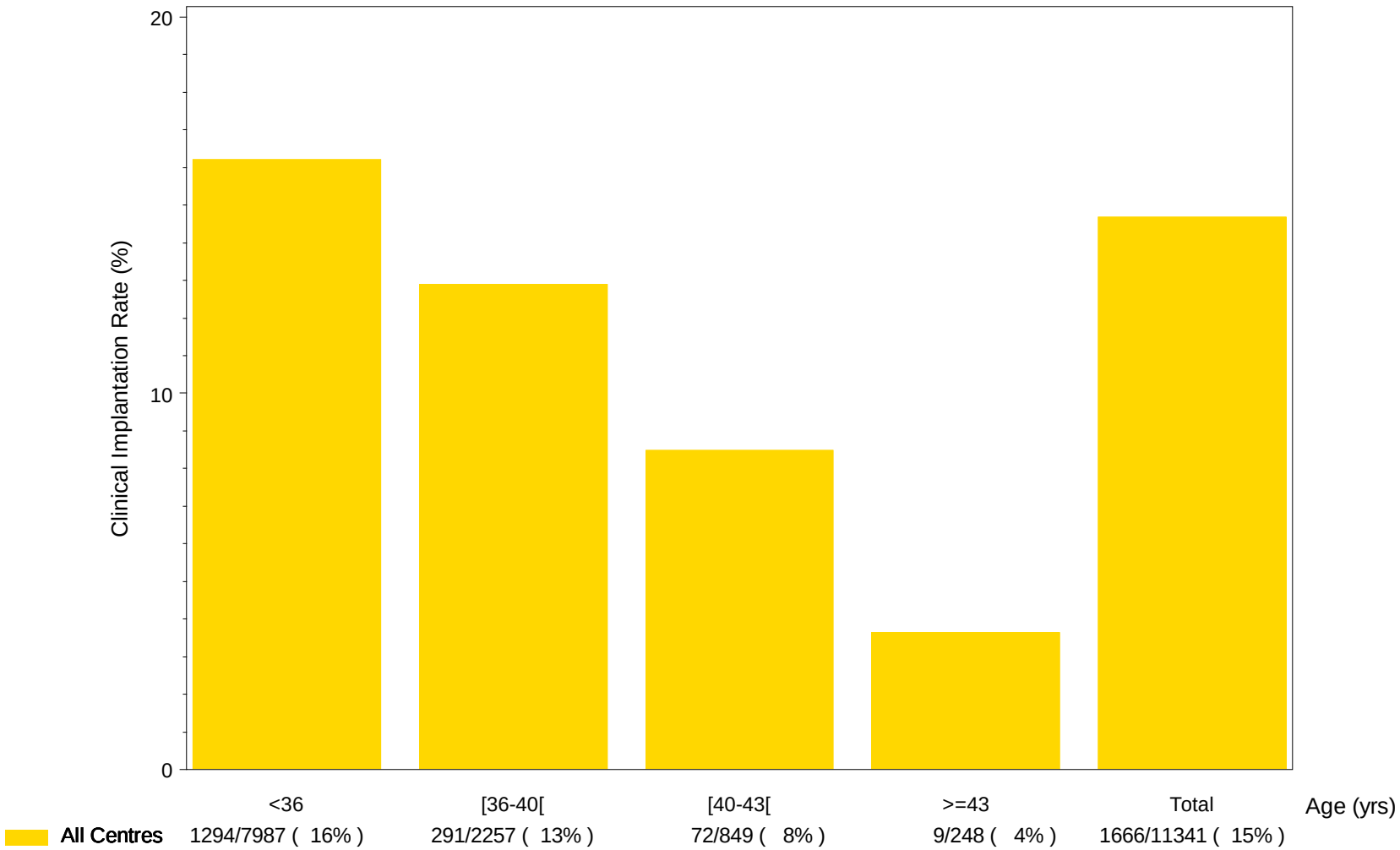
NA=no cycles with data available.
In the calculation of the ratios, only cycles with available data are considered. In the line underneath, the range expresses the minimum and maximum possible rates when accounting for missing data by considering missing delivery as negative and positive, respectively.

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



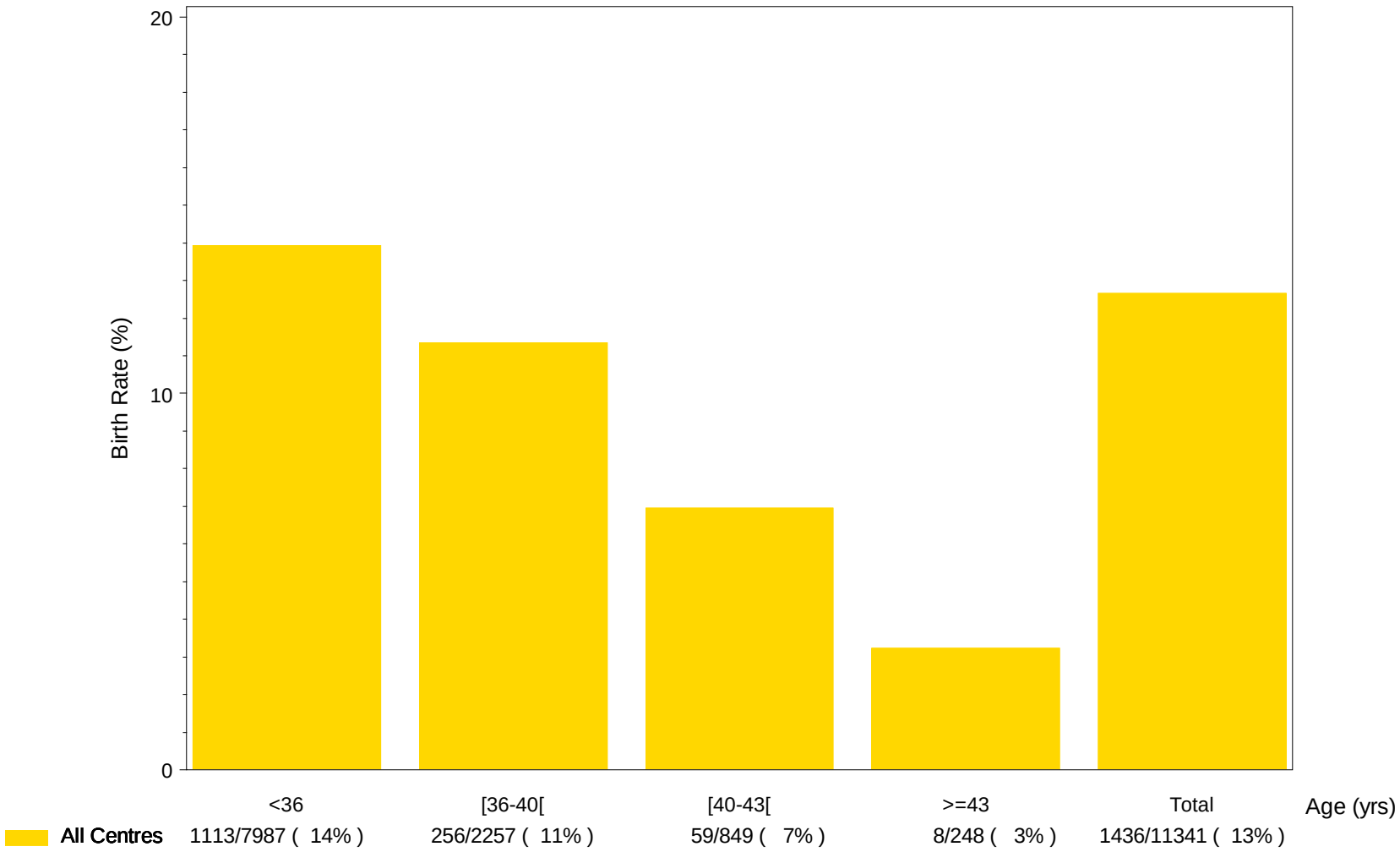
n/N (%) where n = Total number of uterine sacs; N = Total number of embryos transferred; %= n*100/N; NA = No cycles with data available.

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



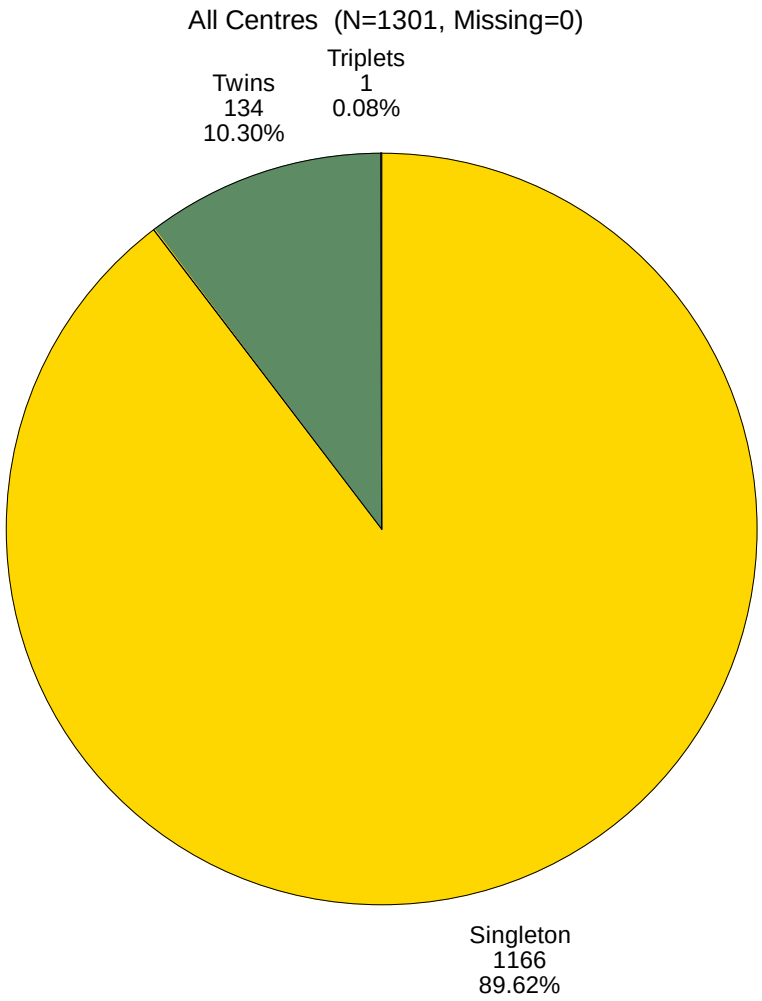
n/N (%) where n = Total number of FHB; N = Total number of embryos transferred; %= n*100/N; NA = No cycles with data available.

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



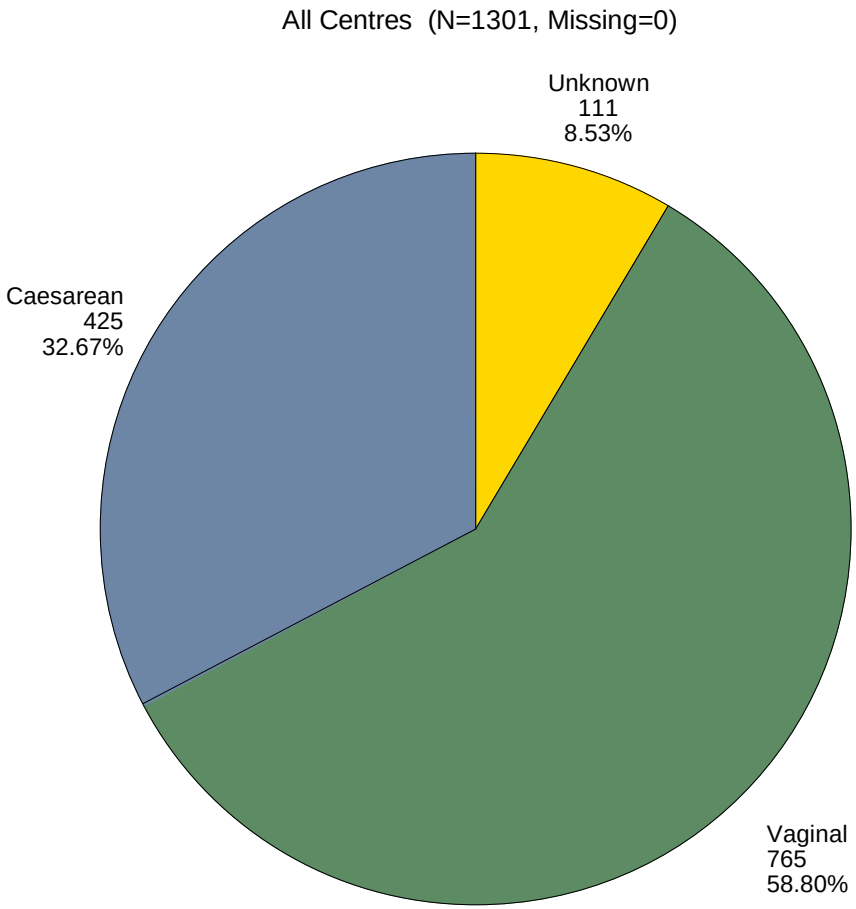
n/N (%) where n = Total number of babies; N = Total number of embryos transferred; %= n*100/N; NA = No cycles with data available.

Figure 3.12 Own embryo cryo cycles: Number of deliveries



Deliveries of twins or triplets are only counted once.

Figure 3.13 Own embryo cryo cycles: Type of deliveries



Deliveries of twins or triplets are only counted once.

Table 3.14 Own embryo cryo cycles: Sex of babies

	All Centres (N=1437, Missing=0)
Sex of baby	
Male	727/1437 (50.59%)
Female	669/1437 (46.56%)
Unknown	41/1437 (2.85%)

Table 3.15 Own embryo cryo cycles: Birth weight

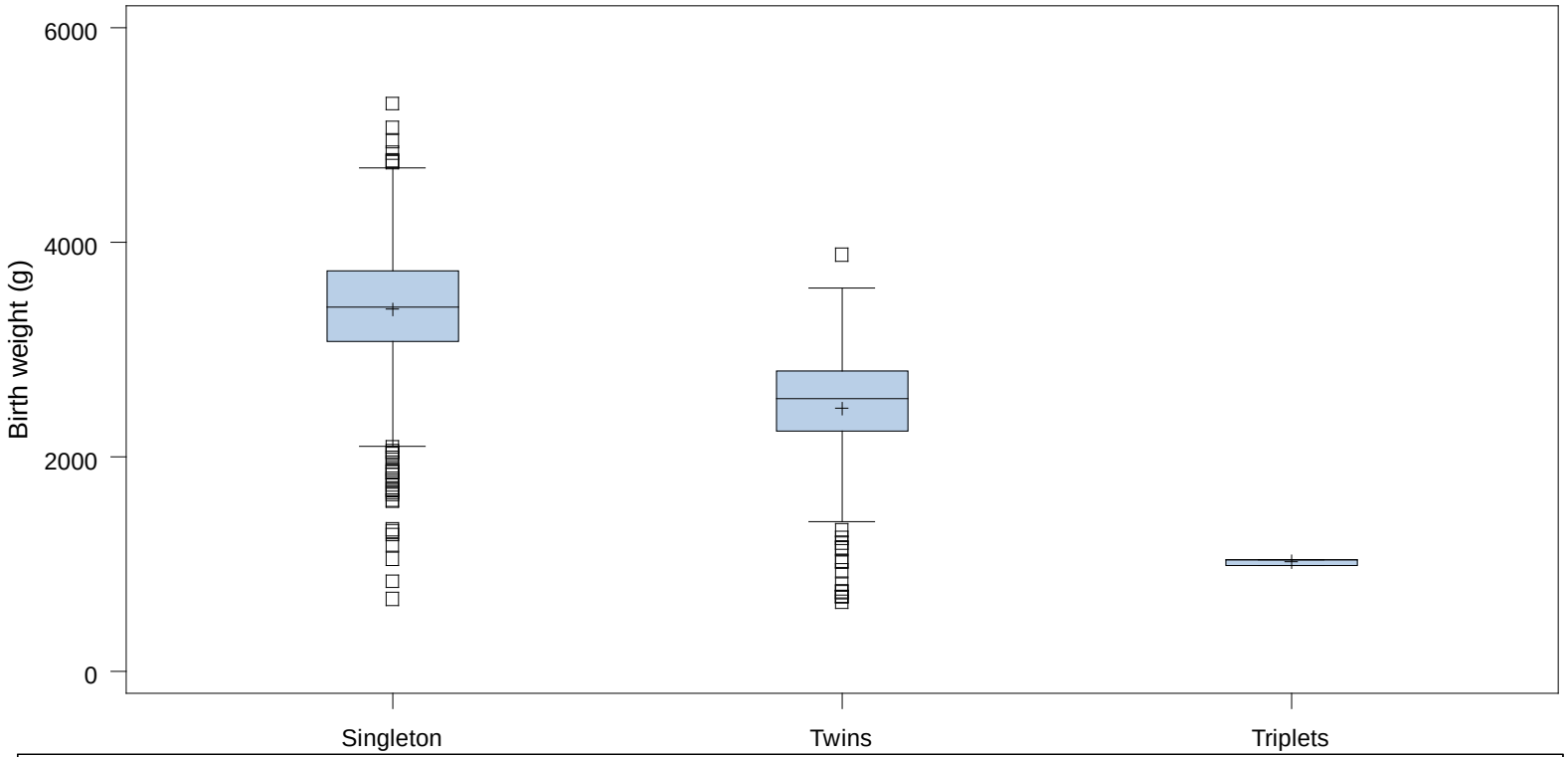
	Statistic	All Centres (N=1337, Missing=100)
Birth weight (g)		
Singletons	N	1087
	Mean	3378.4
	Std	560.08
	Median	3400.0
	IQR	(3080.0; 3735.0)
Twins	N	247
	Mean	2453.2
	Std	560.18
	Median	2545.0
	IQR	(2240.0; 2800.0)
Triplets	N	3
	Mean	1023.3
	Std	28.87
	Median	1040.0
	IQR	(990.0; 1040.0)

Table 3.16 Own embryo cryo cycles: Gestational age at delivery

	Statistic	All Centres (N=1291, Missing=10)
Gestational age at delivery (weeks)		
Singletons	N	1160
	Mean	39.0
	Std	2.24
	Median	39.3
	IQR	(38.3; 40.3)
Twins	N	130
	Mean	36.1
	Std	2.54
	Median	36.9
	IQR	(35.1; 37.7)
Triplets	N	1
	Mean	27.4
	Median	27.4
	IQR	(27.4; 27.4)

Twin or triplet birth is counted as one birth event.

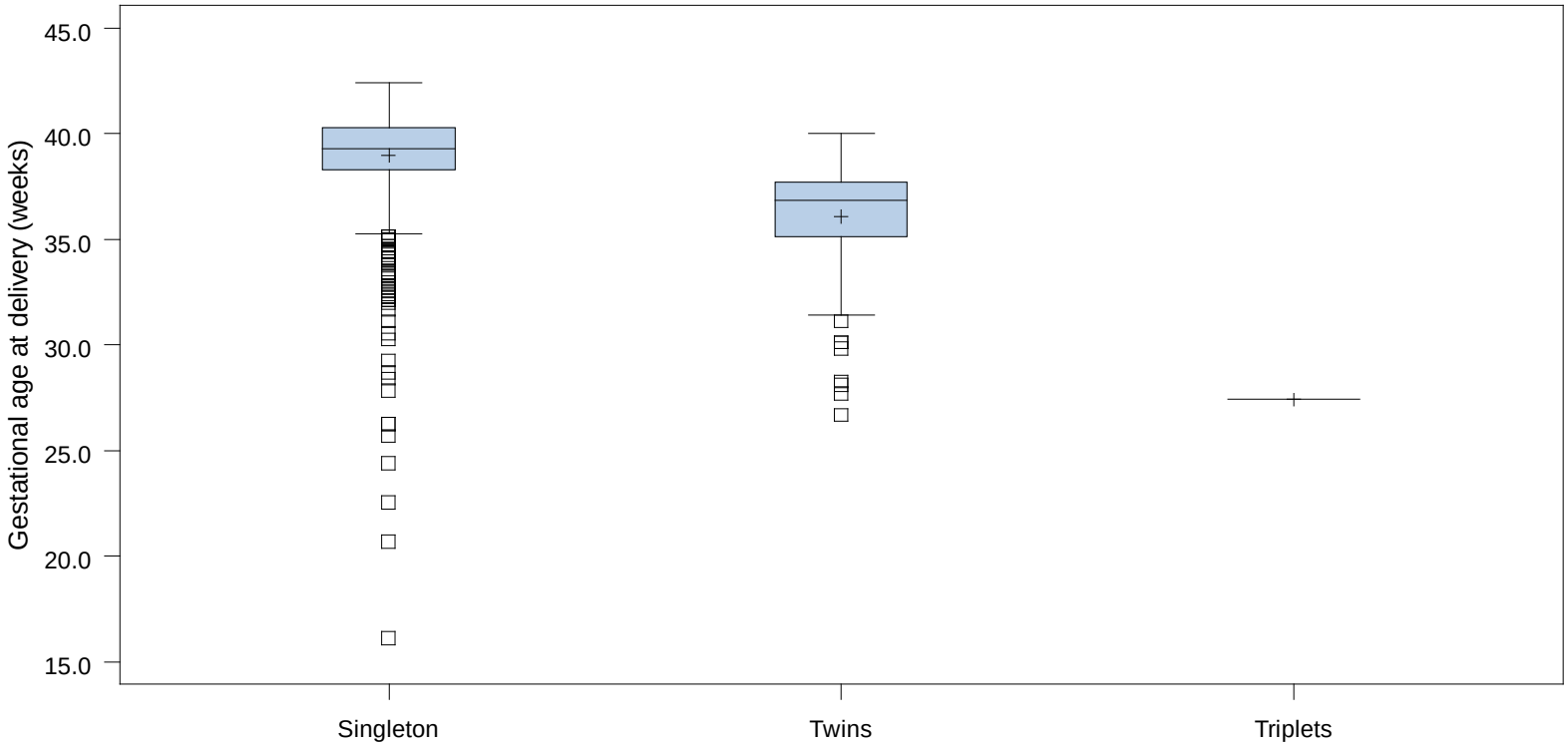
Figure 3.17 Own embryo cryo cycles: Birth weight (boxplot)



	All Centres		
N	1087	247	3
Missing	79	21	0
Mean	3378.4	2453.2	1023.3
SD	560.08	560.18	28.87
Median	3400.0	2545.0	1040.0
(Min,Max)	(680,5300)	(650,3890)	(990,1040)
(Q1,Q3)	(3080,3735)	(2240,2800)	(990,1040)

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 embryo cryo cycles: Gestational age at delivery (boxplot)



	All Centres		
N	1160	130	1
Missing	6	4	0
Mean	39.0	36.1	27.4
SD	2.24	2.54	.
Median	39.3	36.9	27.4
(Min,Max)	(16,42)	(27,40)	(27,27)
(Q1,Q3)	(38,40)	(35,38)	(27,27)

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 embryo 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=1291, Missing=10)								
< 32	15	(1.3%)	12	(9.2%)	1	(100.0%)	28	(2.2%)
[32-37[	101	(8.7%)	54	(41.5%)	NA		155	(12.0%)
>=37	1044	(90.0%)	64	(49.2%)	NA		1108	(85.8%)
Total	1160	(100.0%)	130	(100.0%)	1	(100.0%)	1291	(100.0%)

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

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

	Type of delivery							
Birth weight (g)	**Singletons**		**Twins**		**Triplets**		**Total**	
All Centres (N=1337, Missing=100)								
< 1500	7	(0.6%)	17	(6.9%)	3	(100.0%)	27	(2.0%)
[1500-2500[	57	(5.2%)	95	(38.5%)	NA		152	(11.4%)
>= 2500	1023	(94.1%)	135	(54.7%)	NA		1158	(86.6%)
Total	1087	(100.0%)	247	(100.0%)	3	(100.0%)	1337	(100.0%)

NA: no available data

Section 4: Fresh recipient cycles

Table 4.1 Fresh oocytes recipient cycles: Overview of cycles

Cycle	All Centres	
Initiated	880	(100.0%)
Cancelled	87	(9.9%)
At least one oocyte received	793	(90.1%)
Embryo Transfer	720	(81.8%)

Figure 4.2 Fresh oocytes recipient cycles: Female age and laborank

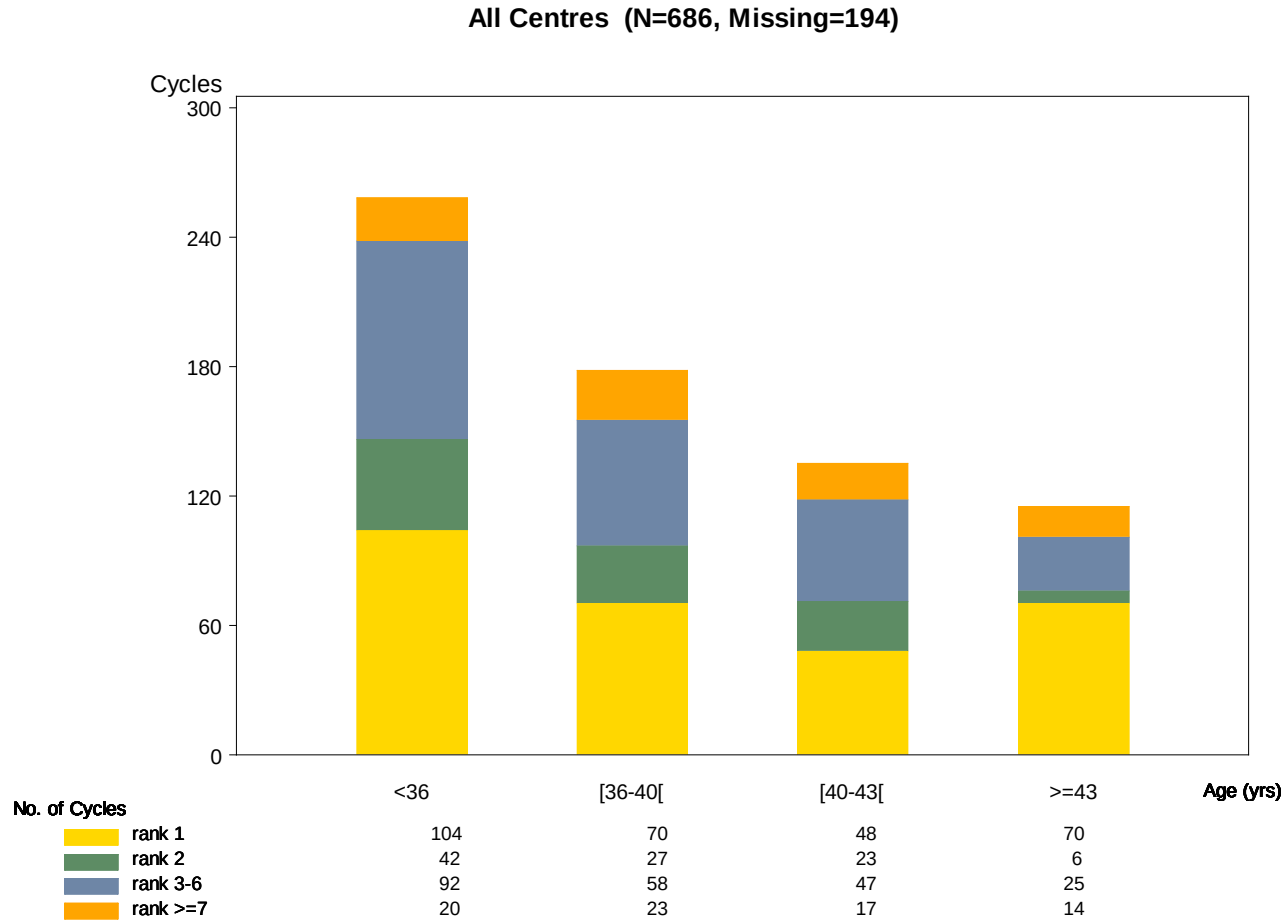


Figure 4.3 Fresh oocytes recipient cycles: Female age distribution

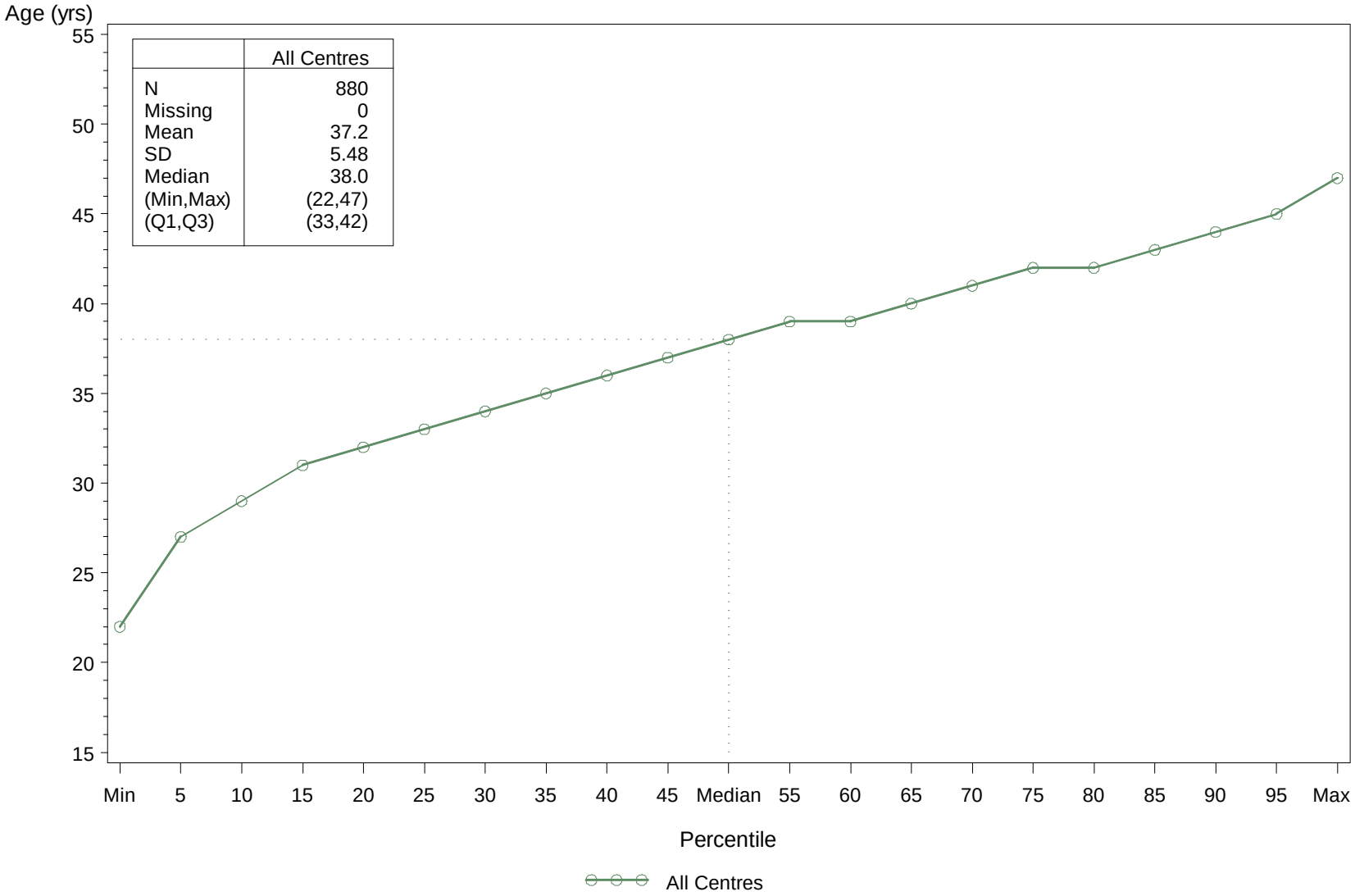
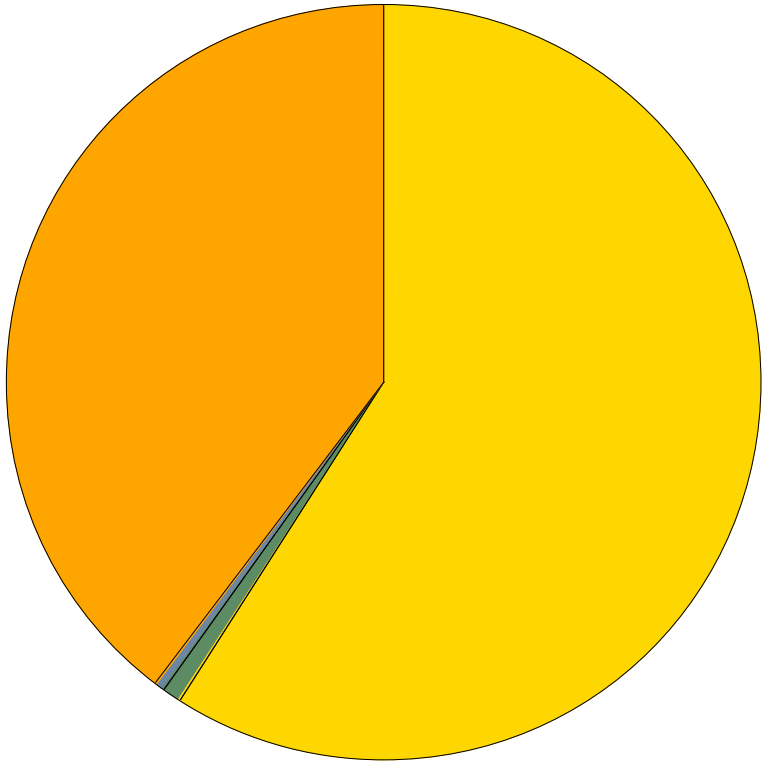


Figure 4.4 Fresh oocytes recipient cycles: Pituitary inhibition

All Centres (N=880, Missing=0)



Pituitary Inhibition

Agonist - long	:	n (%) =	520 (59.09%)
Agonist - short	:	n (%) =	7 (0.80%)
Antagonist	:	n (%) =	4 (0.45%)
None	:	n (%) =	349 (39.66%)

Table 4.5 Fresh oocytes recipient cycles: Stimulation protocol

	Statistic	All Centres (N=879, Missing=1)
Stimulation protocol		
Clomiphene	n/N (%)	1/879 (0.11%)
Gonadotrophins	n/N (%)	4/879 (0.46%)
Substitution	n/N (%)	695/879 (79.07%)
None	n/N (%)	28/879 (3.19%)
Other	n/N (%)	151/879 (17.18%)

Table 4.6 Fresh oocytes recipient cycles: Number of embryos transferred

	All Centres
Number of cycles with transfer	720
Number of embryos transferred	
1	205/720 (28.47%)
2	477/720 (66.25%)
3	31/720 (4.31%)
>3	7/720 (0.97%)
Total number of embryos transferred	1285

Based on all cycles with at least one embryo transferred.

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

Age (yrs)	< 36	[36-40[	[40-43[	>=43	All ages
All Centres (N=880, Missing=0)					
Initiated cycles	319	216	175	170	880
At least one oocyte received	285	193	160	155	793
Transfers	254	176	143	147	720
HCG + per initiated cycle	86/318 (27.0%) (27.0% - 27.3%)	65/214 (30.4%) (30.1% - 31.0%)	45/175 (25.7%) (25.7% - 25.7%)	62/167 (37.1%) (36.5% - 38.2%)	258/874 (29.5%) (29.3% - 30.0%)
HCG + per cycles with at least one oocyte received	86/284 (30.3%) (30.2% - 30.5%)	65/191 (34.0%) (33.7% - 34.7%)	45/160 (28.1%) (28.1% - 28.1%)	62/152 (40.8%) (40.0% - 41.9%)	258/787 (32.8%) (32.5% - 33.3%)
HCG + per embryo transfer	86/253 (34.0%) (33.9% - 34.3%)	65/174 (37.4%) (36.9% - 38.1%)	45/143 (31.5%) (31.5% - 31.5%)	62/144 (43.1%) (42.2% - 44.2%)	258/714 (36.1%) (35.8% - 36.7%)

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 oocytes recipient cycles: Number of clinical pregnancies according to age

Age (yrs)	< 36	[36-40[	[40-43[	>=43	All ages
All Centres (N=880, Missing=0)					
Initiated cycles	319	216	175	170	880
At least one oocyte received	285	193	160	155	793
Transfers	254	176	143	147	720
Clinical Pregnancy per initiated cycle	75/318 (23.6%) (23.5% - 23.8%)	42/214 (19.6%) (19.4% - 20.4%)	32/175 (18.3%) (18.3% - 18.3%)	33/167 (19.8%) (19.4% - 21.2%)	182/874 (20.8%) (20.7% - 21.4%)
Clinical Pregnancy per cycles with at least one oocyte received	75/284 (26.4%) (26.3% - 26.7%)	42/191 (22.0%) (21.8% - 22.8%)	32/160 (20.0%) (20.0% - 20.0%)	33/152 (21.7%) (21.3% - 23.2%)	182/787 (23.1%) (23.0% - 23.7%)
Clinical Pregnancy per embryo transfer	75/253 (29.6%) (29.5% - 29.9%)	42/174 (24.1%) (23.9% - 25.0%)	32/143 (22.4%) (22.4% - 22.4%)	33/144 (22.9%) (22.4% - 24.5%)	182/714 (25.5%) (25.3% - 26.1%)

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 4.9 Fresh oocytes recipient cycles: Number of clinical pregnancies including FHB according to age

Age (yrs)	< 36	[36-40[	[40-43[	>=43	All ages
All Centres (N=880, Missing=0)					
Initiated cycles	319	216	175	170	880
At least one oocyte received	285	193	160	155	793
Transfers	254	176	143	147	720
FHB: 1/2/3	68/1	40/0	31/1	28/0	167/2
Clinical Pregnancy + FHB per initiated cycle	69/317 (21.8%) (21.6% - 22.3%)	40/212 (18.9%) (18.5% - 20.4%)	32/175 (18.3%) (18.3% - 18.3%)	28/164 (17.1%) (16.5% - 20.0%)	169/868 (19.5%) (19.2% - 20.6%)
Clinical Pregnancy + FHB per cycles with at least one oocyte received	69/283 (24.4%) (24.2% - 24.9%)	40/189 (21.2%) (20.7% - 22.8%)	32/160 (20.0%) (20.0% - 20.0%)	28/149 (18.8%) (18.1% - 21.9%)	169/781 (21.6%) (21.3% - 22.8%)
Clinical Pregnancy + FHB per embryo transfer	69/252 (27.4%) (27.2% - 28.0%)	40/172 (23.3%) (22.7% - 25.0%)	32/143 (22.4%) (22.4% - 22.4%)	28/141 (19.9%) (19.0% - 23.1%)	169/708 (23.9%) (23.5% - 25.1%)

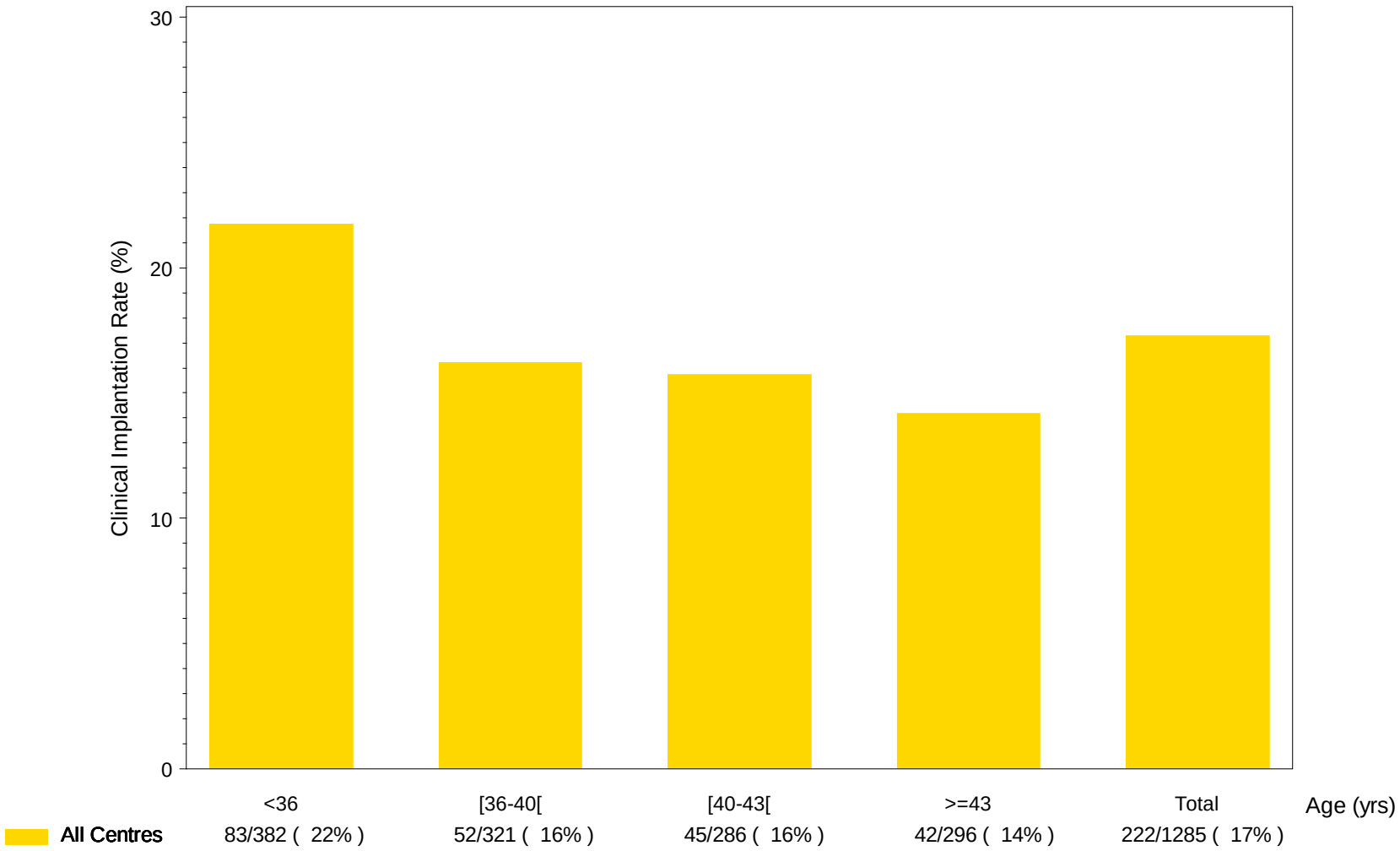
NA=no cycles with data available.
In the calculation of the ratios, only cycles with available data are considered. In the line underneath, the range expresses the minimum and maximum possible rates when accounting for missing data by considering missing results as negative and positive, respectively.

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

Age (yrs)	< 36	[36-40[	[40-43[	>=43	All ages
All Centres (N=880, Missing=0)					
Initiated cycles	319	216	175	170	880
At least one oocyte received	285	193	160	155	793
Transfers	254	176	143	147	720
Number per delivery: 1/2/3	49/4/0	21/7/0	17/7/0	17/4/1	104/22/1
Delivery rate per initiated cycle	53/306 (17.3%) (16.6% - 20.7%)	28/210 (13.3%) (13.0% - 15.7%)	24/170 (14.1%) (13.7% - 16.6%)	22/165 (13.3%) (12.9% - 15.9%)	127/851 (14.9%) (14.4% - 17.7%)
Delivery rate per cycles with at least one oocyte received	53/272 (19.5%) (18.6% - 23.2%)	28/187 (15.0%) (14.5% - 17.6%)	24/155 (15.5%) (15.0% - 18.1%)	22/150 (14.7%) (14.2% - 17.4%)	127/764 (16.6%) (16.0% - 19.7%)
Delivery rate per embryo transfer	53/241 (22.0%) (20.9% - 26.0%)	28/170 (16.5%) (15.9% - 19.3%)	24/138 (17.4%) (16.8% - 20.3%)	22/142 (15.5%) (15.0% - 18.4%)	127/691 (18.4%) (17.6% - 21.7%)

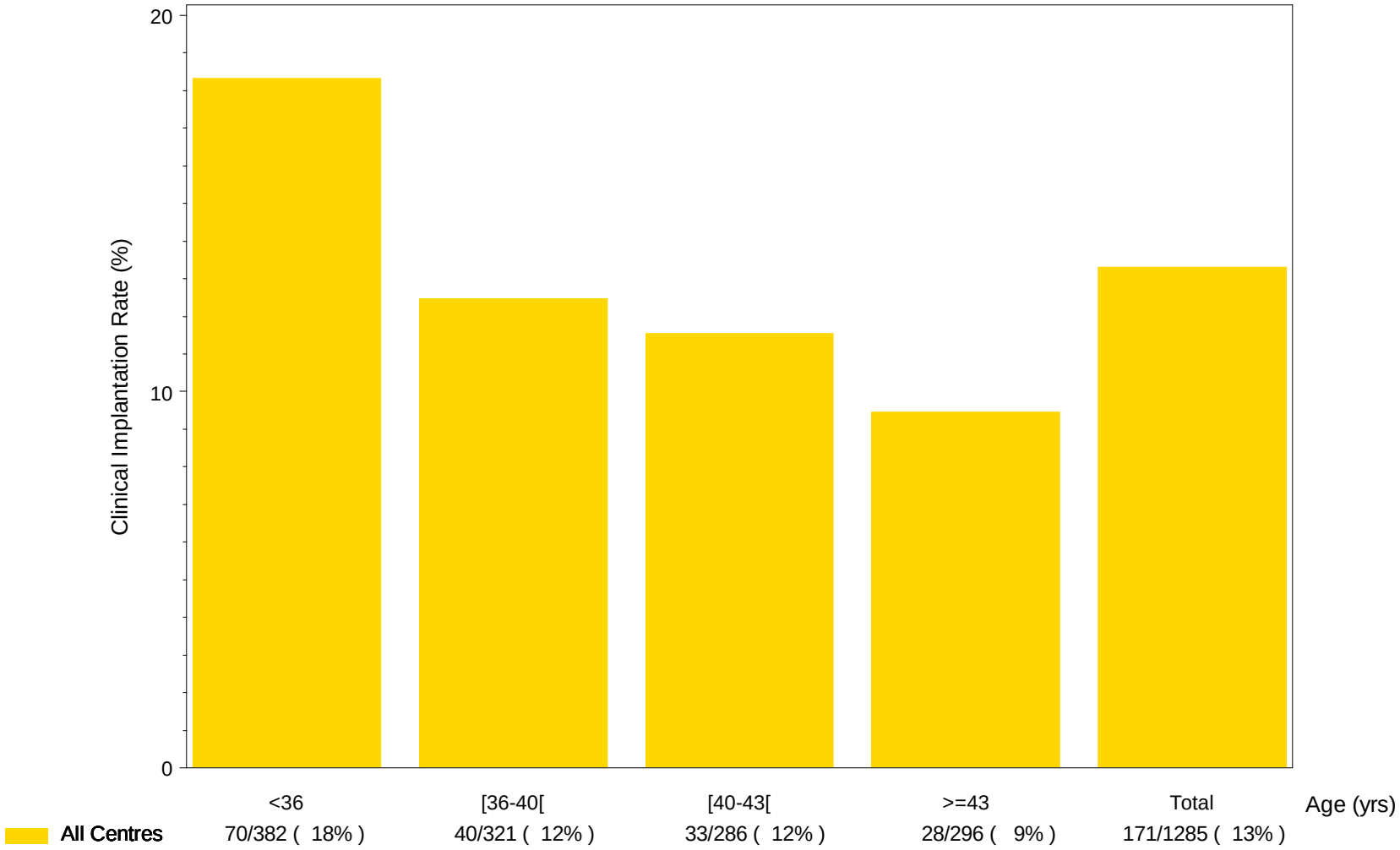
NA=no cycles with data available.
In the calculation of the ratios, only cycles with available data are considered. In the line underneath, the range expresses the minimum and maximum possible rates when accounting for missing data by considering missing delivery as negative and positive, respectively.

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



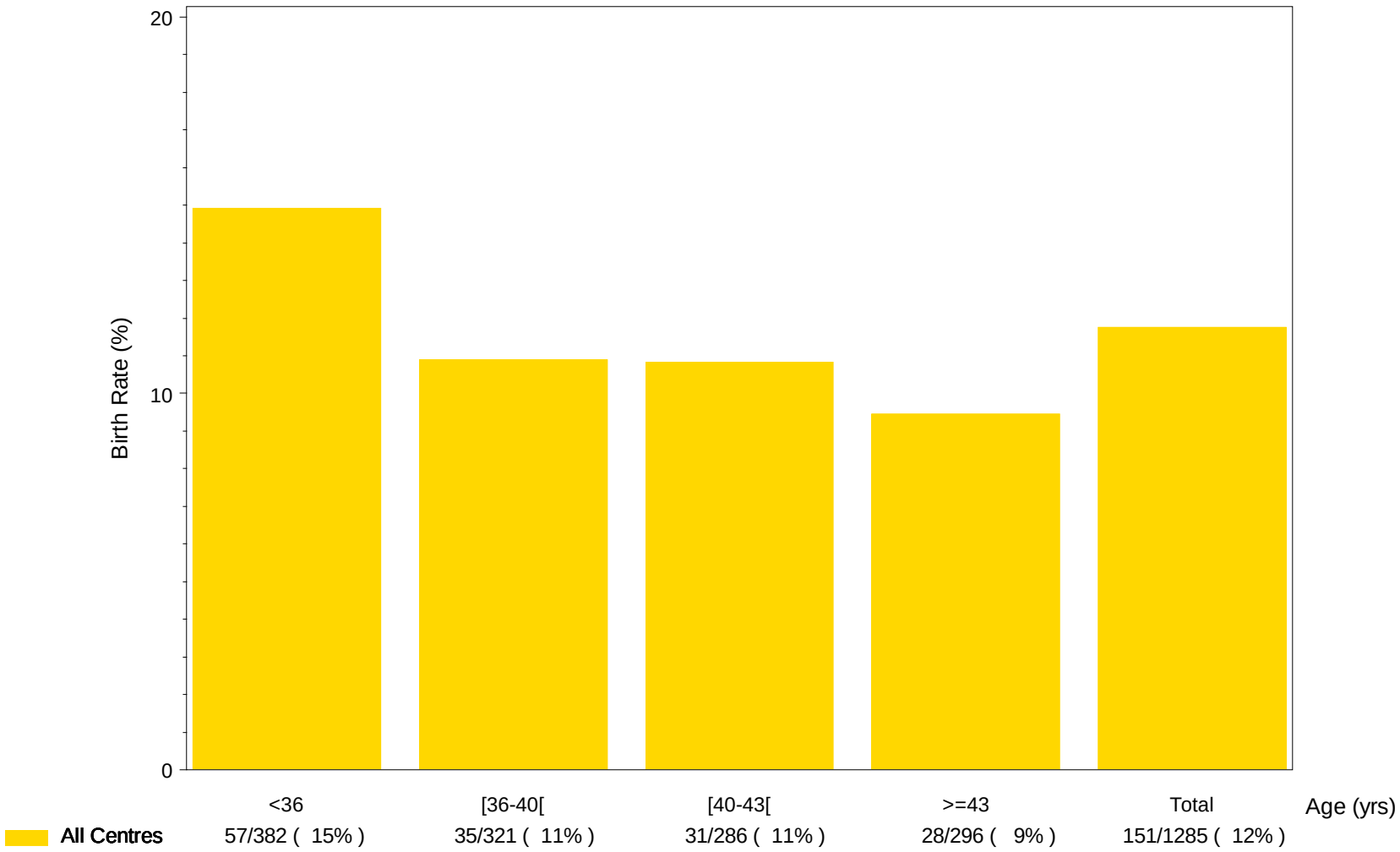
n/N (%) where n = Total number of uterine sacs; N = Total number of embryos transferred; %= n*100/N; NA = No cycles with data available.

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



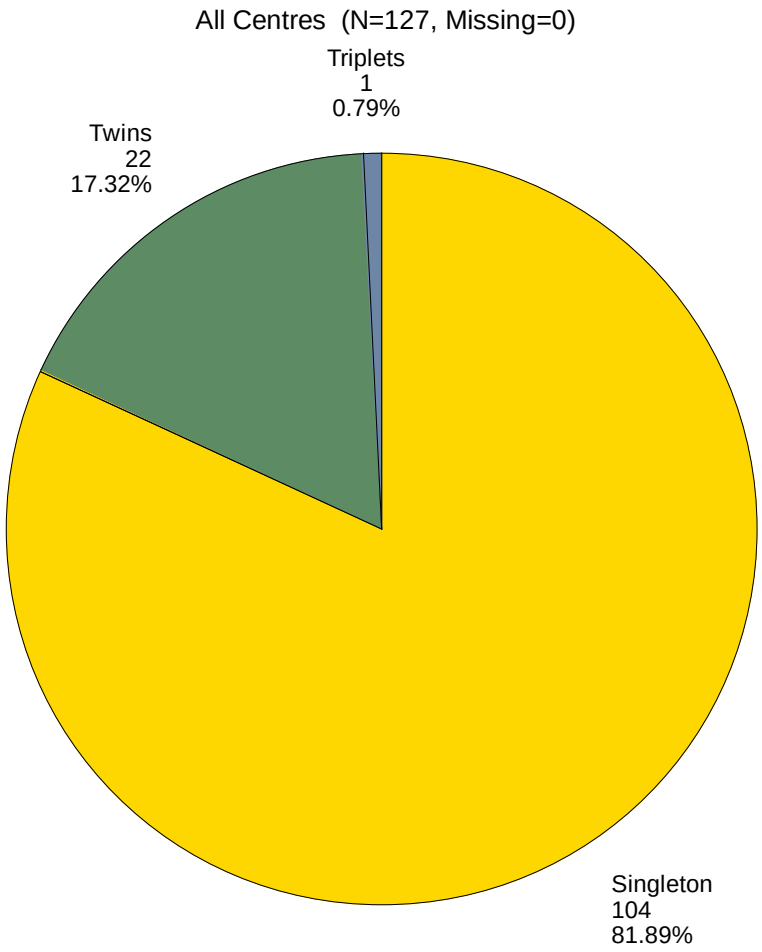
n/N (%) where n = Total number of FHB; N = Total number of embryos transferred; %= n*100/N; NA = No cycles with data available.

Figure 4.13 Fresh oocytes recipient cycles: Birth rate per transferred embryo according to age



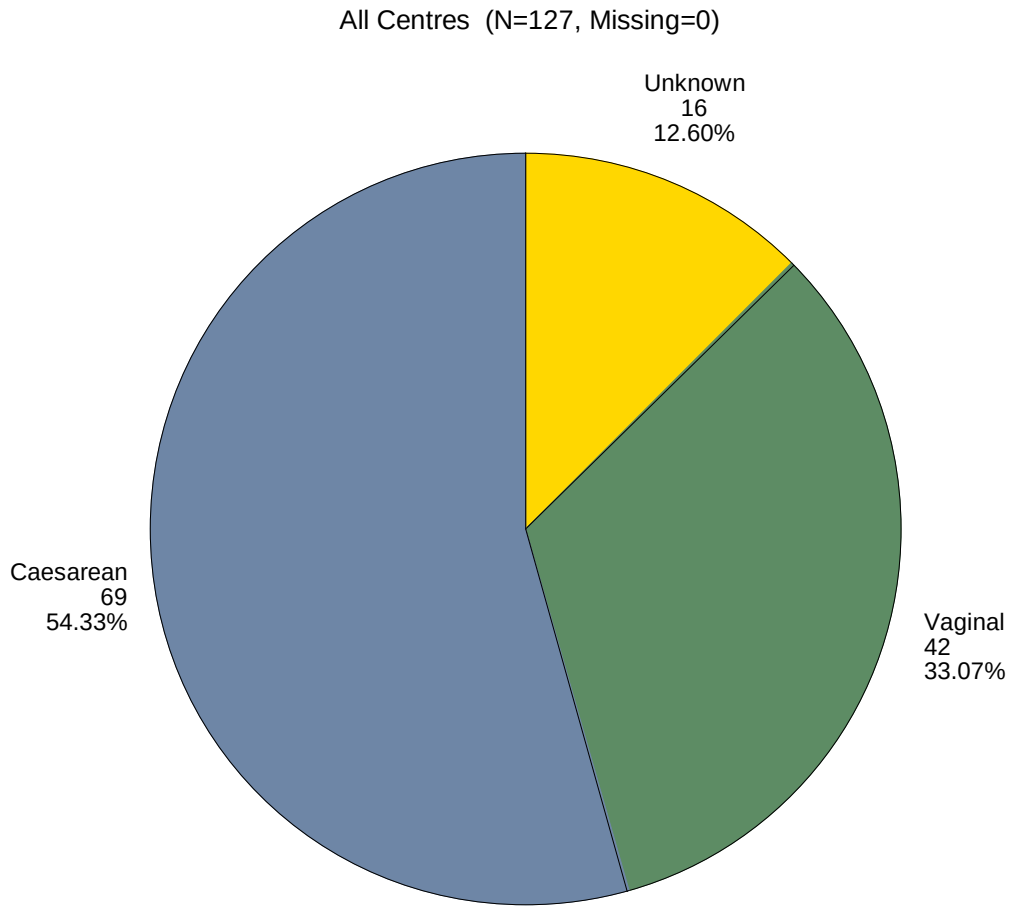
n/N (%) where n = Total number of babies; N = Total number of embryos transferred; %= n*100/N; NA = No cycles with data available.

Figure 4.14 Fresh oocytes recipient cycles: Number of deliveries



Deliveries of twins or triplets are only counted once.

Table 4.15 Fresh oocytes recipient cycles: Type of deliveries



Deliveries of twins or triplets are only counted once.

Table 4.16 Fresh oocytes recipient cycles: Sex of babies

	All Centres (N=150, Missing=1)
Sex of baby	
Male	74/150 (49.33%)
Female	61/150 (40.67%)
Unknown	15/150 (10.00%)

Table 4.17 Fresh oocytes recipient cycles: Birth weight

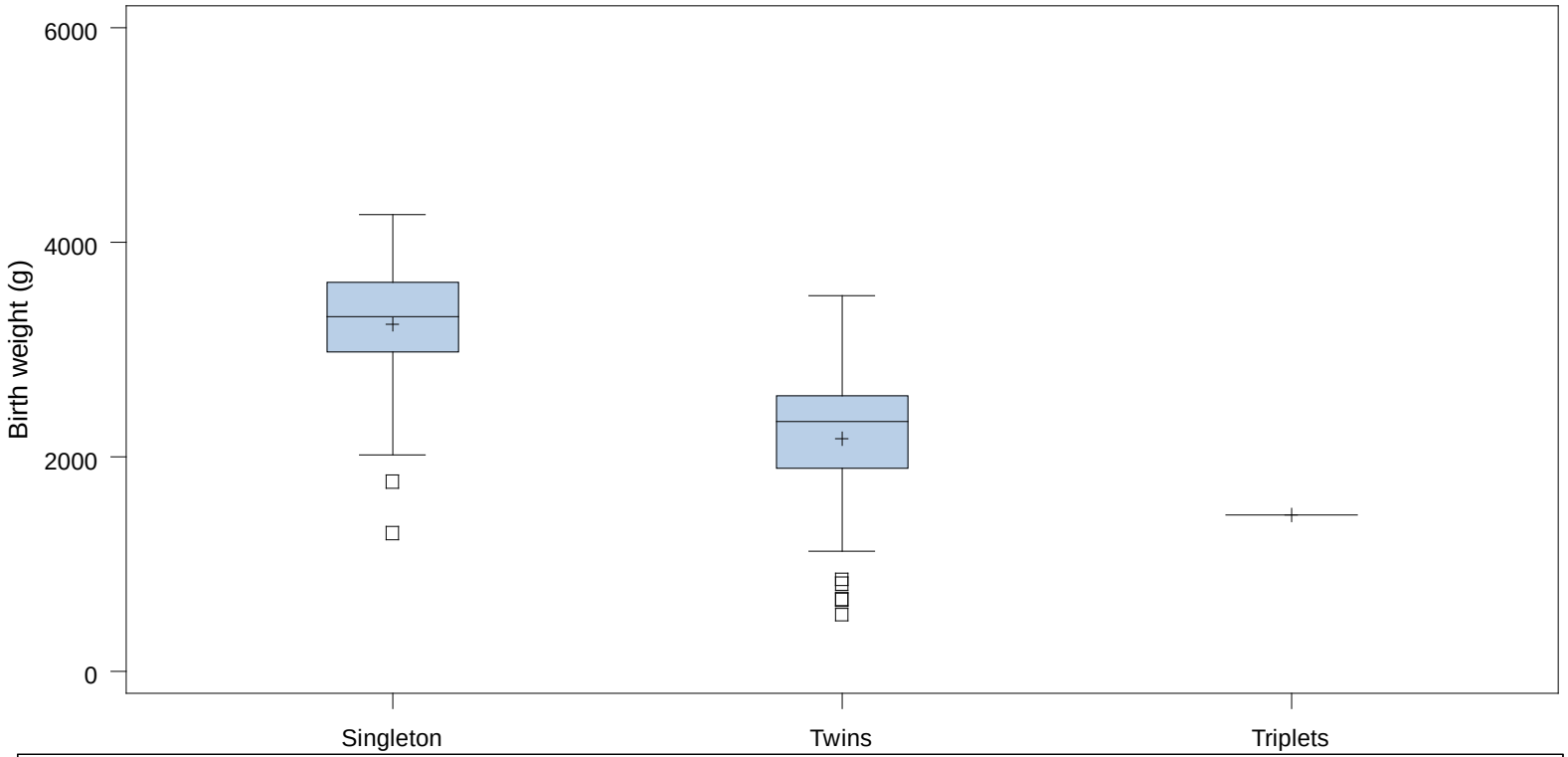
	Statistic	All Centres (N=136, Missing=15)
Birth Weight (g)		
Singletons	N	89
	Mean	3241.1
	Std	590.63
	Median	3310.0
	IQR	(2980.0; 3630.0)
Twins	N	44
	Mean	2174.4
	Std	681.35
	Median	2332.5
	IQR	(1895.0; 2570.0)
Triplets	N	3
	Mean	1460.0
	Std	0.00
	Median	1460.0
	IQR	(1460.0; 1460.0)

Table 4.18 Fresh oocytes recipient cycles: Gestational age at delivery

	Statistic	All Centres (N=127, Missing=0)
Gestational age at delivery (weeks)		
Singletons	N	104
	Mean	38.1
	Std	3.16
	Median	38.9
	IQR	(37.5; 40.0)
Twins	N	22
	Mean	34.6
	Std	3.55
	Median	35.5
	IQR	(33.7; 37.3)
Triplets	N	1
	Mean	30.1
	Median	30.1
	IQR	(30.1; 30.1)

Twin or triplet birth is counted as one birth event.

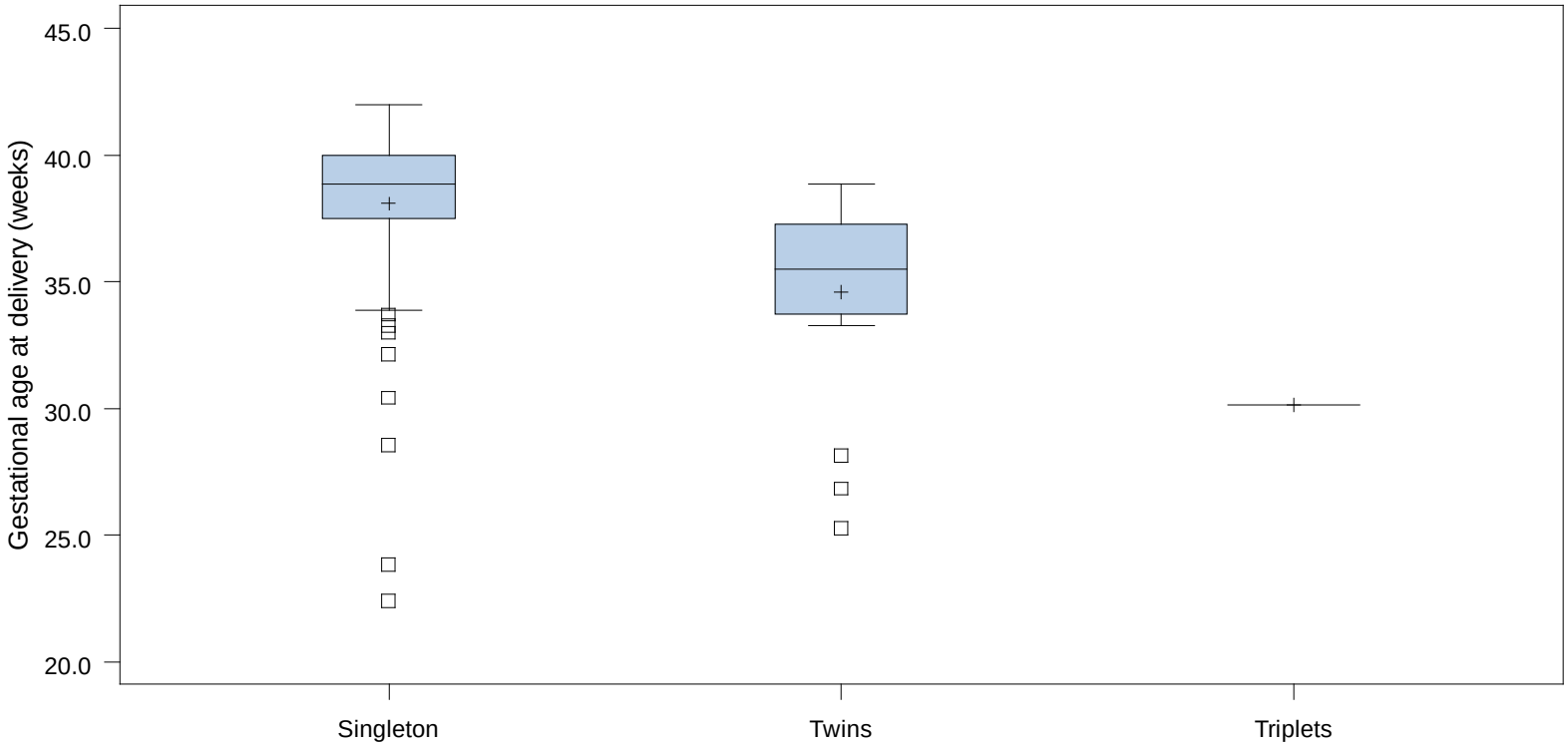
Figure 4.19 Fresh oocytes recipient cycles: Birth weight (boxplot)



	All Centres		
N	89	44	3
Missing	15	0	0
Mean	3241.1	2174.4	1460.0
SD	590.63	681.35	0.00
Median	3310.0	2332.5	1460.0
(Min,Max)	(1290,4260)	(530,3505)	(1460,1460)
(Q1,Q3)	(2980,3630)	(1895,2570)	(1460,1460)

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 oocytes recipient cycles: Gestational age at delivery (boxplot)



	All Centres		
N	104	22	1
Missing	0	0	0
Mean	38.1	34.6	30.1
SD	3.16	3.55	.
Median	38.9	35.5	30.1
(Min,Max)	(22,42)	(25,39)	(30,30)
(Q1,Q3)	(38,40)	(34,37)	(30,30)

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 oocytes recipient cycles: Prevalence of preterm birth according to type of delivery

Gestational age at delivery (weeks)	Type of delivery: Single birth event	Twin birth event	Triplet birth event	Total birth events
All Centres (N=127, Missing=0)				
< 32	4 (3.8%)	3 (13.6%)	1 (100.0%)	8 (6.3%)
[32-37[	16 (15.4%)	13 (59.1%)	NA	29 (22.8%)
>=37	84 (80.8%)	6 (27.3%)	NA	90 (70.9%)
Total	104 (100.0%)	22 (100.0%)	1 (100.0%)	127 (100.0%)

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

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

	Type of delivery			
Birth weight (g)	**Singletons**	**Twins**	**Triplets**	**Total**
All Centres (N=136, Missing=15)				
< 1500	1 (1.1%)	7 (15.9%)	3 (100.0%)	11 (8.1%)
[1500-2500[	9 (10.1%)	24 (54.5%)	NA	33 (24.3%)
>= 2500	79 (88.8%)	13 (29.5%)	NA	92 (67.6%)
Total	89 (100.0%)	44 (100.0%)	3 (100.0%)	136 (100.0%)

NA: no data available

Section 5: Cryo recipient cycles

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

Cryo cycle	All Centres	
Initiated	386	(100.0%)
Cancelled	9	(2.3%)
Thawed	377	(97.7%)
Embryo Transfer	330	(85.5%)

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

	All Centres
Number of cycles with transfer	330
Number of embryos transferred	
1	154/329 (46.81%)
2	173/329 (52.58%)
3	1/329 (0.30%)
>3	1/329 (0.30%)
Total number of embryos transferred	508

Based on all cycles with at least one embryo transferred.

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

	Statistic	All Centres (N=386, Missing=0)
Pituitary inhibition		
Yes	n/N (%)	35/386 (9.07%)
No	n/N (%)	351/386 (90.93%)

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

	Statistic	All Centres (N=386, Missing=0)
Stimulation protocol		
Clomiphene	n/N (%)	10/386 (2.59%)
Gonadotrophins	n/N (%)	2/386 (0.52%)
Substitution	n/N (%)	238/386 (61.66%)
None	n/N (%)	103/386 (26.68%)
Other	n/N (%)	33/386 (8.55%)

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

Age (yrs)	< 36	[36-40[	[40-43[	>=43	All ages
All Centres (N=386, Missing=0)					
Initiated cycles	151	78	68	89	386
Thawing cycles	148	72	68	89	377
Transfers	120	62	65	83	330
HCG + per initiated cycle	37/147 (25.2%) (24.5% - 27.2%)	16/76 (21.1%) (20.5% - 23.1%)	22/66 (33.3%) (32.4% - 35.3%)	22/88 (25.0%) (24.7% - 25.8%)	97/377 (25.7%) (25.1% - 27.5%)
HCG + per thawing cycles	37/144 (25.7%) (25.0% - 27.7%)	16/70 (22.9%) (22.2% - 25.0%)	22/66 (33.3%) (32.4% - 35.3%)	22/88 (25.0%) (24.7% - 25.8%)	97/368 (26.4%) (25.7% - 28.1%)
HCG + per embryo transfer	37/116 (31.9%) (30.8% - 34.2%)	16/60 (26.7%) (25.8% - 29.0%)	22/63 (34.9%) (33.8% - 36.9%)	22/82 (26.8%) (26.5% - 27.7%)	97/321 (30.2%) (29.4% - 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 HCG results as negative and positive, respectively.

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

Age (yrs)	< 36	[36-40[	[40-43[	>=43	All ages
All Centres (N=386, Missing=0)					
Initiated cycles	151	78	68	89	386
Thawing cycles	148	72	68	89	377
Transfers	120	62	65	83	330
Clinical Pregnancy per initiated cycle	30/147 (20.4%) (19.9% - 22.5%)	13/76 (17.1%) (16.7% - 19.2%)	14/66 (21.2%) (20.6% - 23.5%)	17/88 (19.3%) (19.1% - 20.2%)	74/377 (19.6%) (19.2% - 21.5%)
Clinical Pregnancy per thawing cycles	30/144 (20.8%) (20.3% - 23.0%)	13/70 (18.6%) (18.1% - 20.8%)	14/66 (21.2%) (20.6% - 23.5%)	17/88 (19.3%) (19.1% - 20.2%)	74/368 (20.1%) (19.6% - 22.0%)
Clinical Pregnancy per embryo transfer	30/116 (25.9%) (25.0% - 28.3%)	13/60 (21.7%) (21.0% - 24.2%)	14/63 (22.2%) (21.5% - 24.6%)	17/82 (20.7%) (20.5% - 21.7%)	74/321 (23.1%) (22.4% - 25.2%)

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 5.7 Cryo embryo 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=386, Missing=0)					
Initiated cycles	151	78	68	89	386
Thawing cycles	148	72	68	89	377
Transfers	120	62	65	83	330
FHB: 1/2/3	29	12	12	15	68
Clinical Pregnancy + FHB per initiated cycle	29/147 (19.7%) (19.2% - 21.9%)	12/76 (15.8%) (15.4% - 17.9%)	12/66 (18.2%) (17.6% - 20.6%)	15/88 (17.0%) (16.9% - 18.0%)	68/377 (18.0%) (17.6% - 19.9%)
Clinical Pregnancy + FHB per thawing cycles	29/144 (20.1%) (19.6% - 22.3%)	12/70 (17.1%) (16.7% - 19.4%)	12/66 (18.2%) (17.6% - 20.6%)	15/88 (17.0%) (16.9% - 18.0%)	68/368 (18.5%) (18.0% - 20.4%)
Clinical Pregnancy + FHB per embryo transfer	29/116 (25.0%) (24.2% - 27.5%)	12/60 (20.0%) (19.4% - 22.6%)	12/63 (19.0%) (18.5% - 21.5%)	15/82 (18.3%) (18.1% - 19.3%)	68/321 (21.2%) (20.6% - 23.3%)

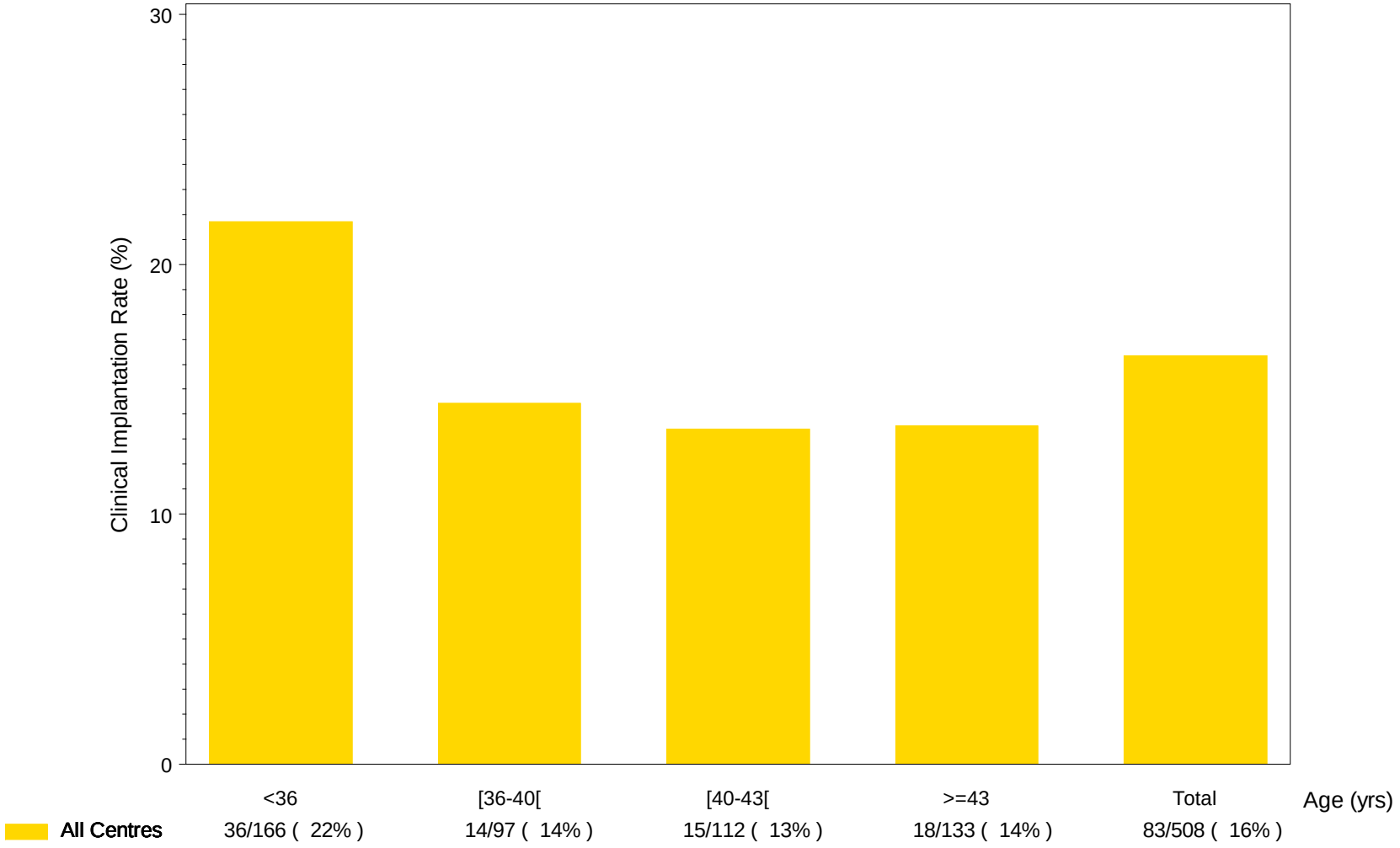
NA=no cycles with data available.
In the calculation of the ratios, only cycles with available data are considered. In the line underneath, the range expresses the minimum and maximum possible rates when accounting for missing data by considering missing results as negative and positive, respectively.

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

Age (yrs)	< 36	[36-40[	[40-43[	>=43	All ages
All Centres (N=386, Missing=0)					
Initiated cycles	151	78	68	89	386
Thawing cycles	148	72	68	89	377
Transfers	120	62	65	83	330
Number per delivery: 1/2/3	22/1/0	9/0/0	8/2/0	13/1/0	52/4/0
Delivery rate per initiated cycle	23/147 (15.6%) (15.2% - 17.9%)	9/73 (12.3%) (11.5% - 17.9%)	10/65 (15.4%) (14.7% - 19.1%)	14/88 (15.9%) (15.7% - 16.9%)	56/373 (15.0%) (14.5% - 17.9%)
Delivery rate per thawing cycles	23/144 (16.0%) (15.5% - 18.2%)	9/67 (13.4%) (12.5% - 19.4%)	10/65 (15.4%) (14.7% - 19.1%)	14/88 (15.9%) (15.7% - 16.9%)	56/364 (15.4%) (14.9% - 18.3%)
Delivery rate per embryo transfer	23/116 (19.8%) (19.2% - 22.5%)	9/57 (15.8%) (14.5% - 22.6%)	10/62 (16.1%) (15.4% - 20.0%)	14/82 (17.1%) (16.9% - 18.1%)	56/317 (17.7%) (17.0% - 20.9%)

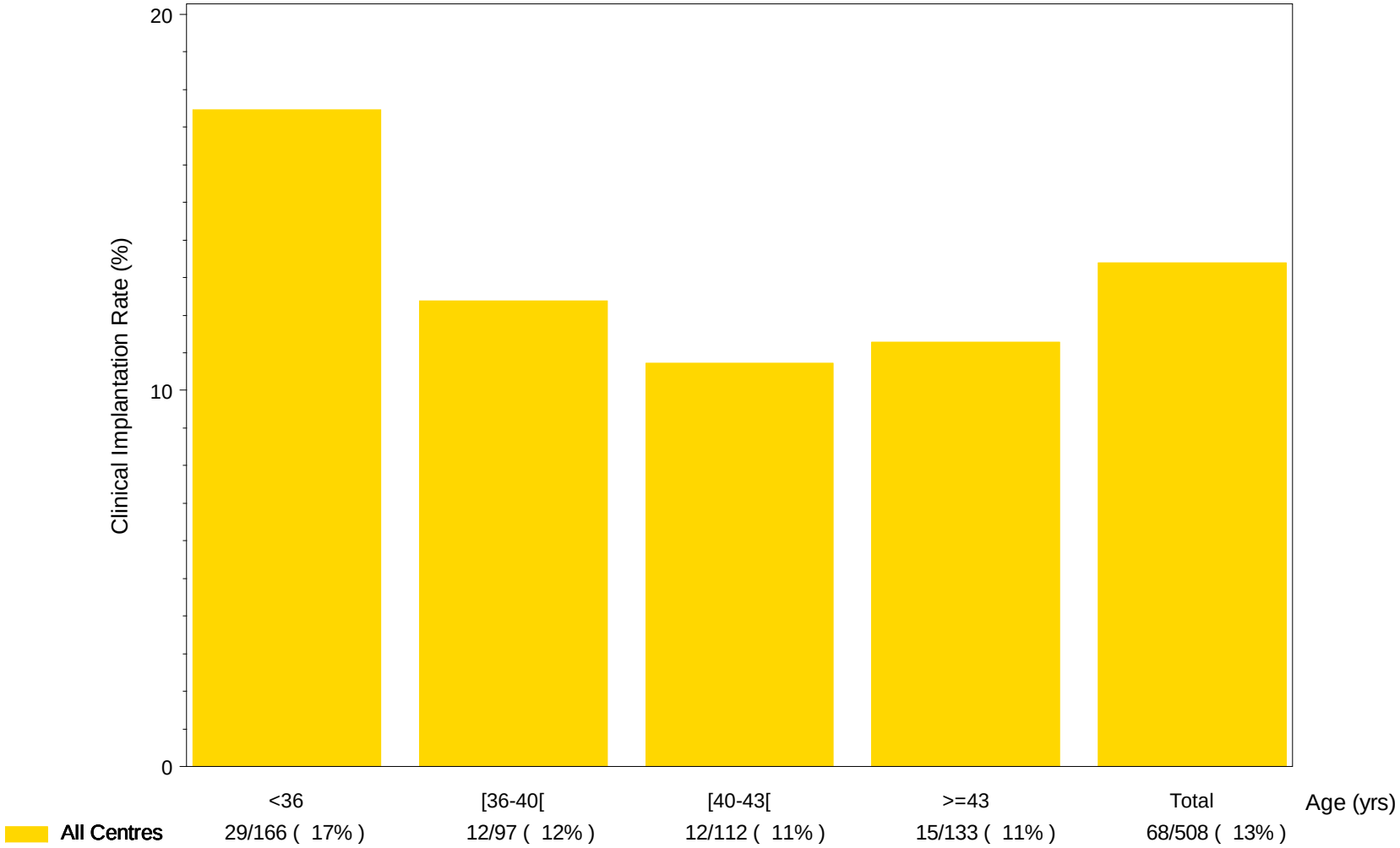
NA=no cycles with data available.
In the calculation of the ratios, only cycles with available data are considered. In the line underneath, the range expresses the minimum and maximum possible rates when accounting for missing data by considering missing delivery as negative and positive, respectively.

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



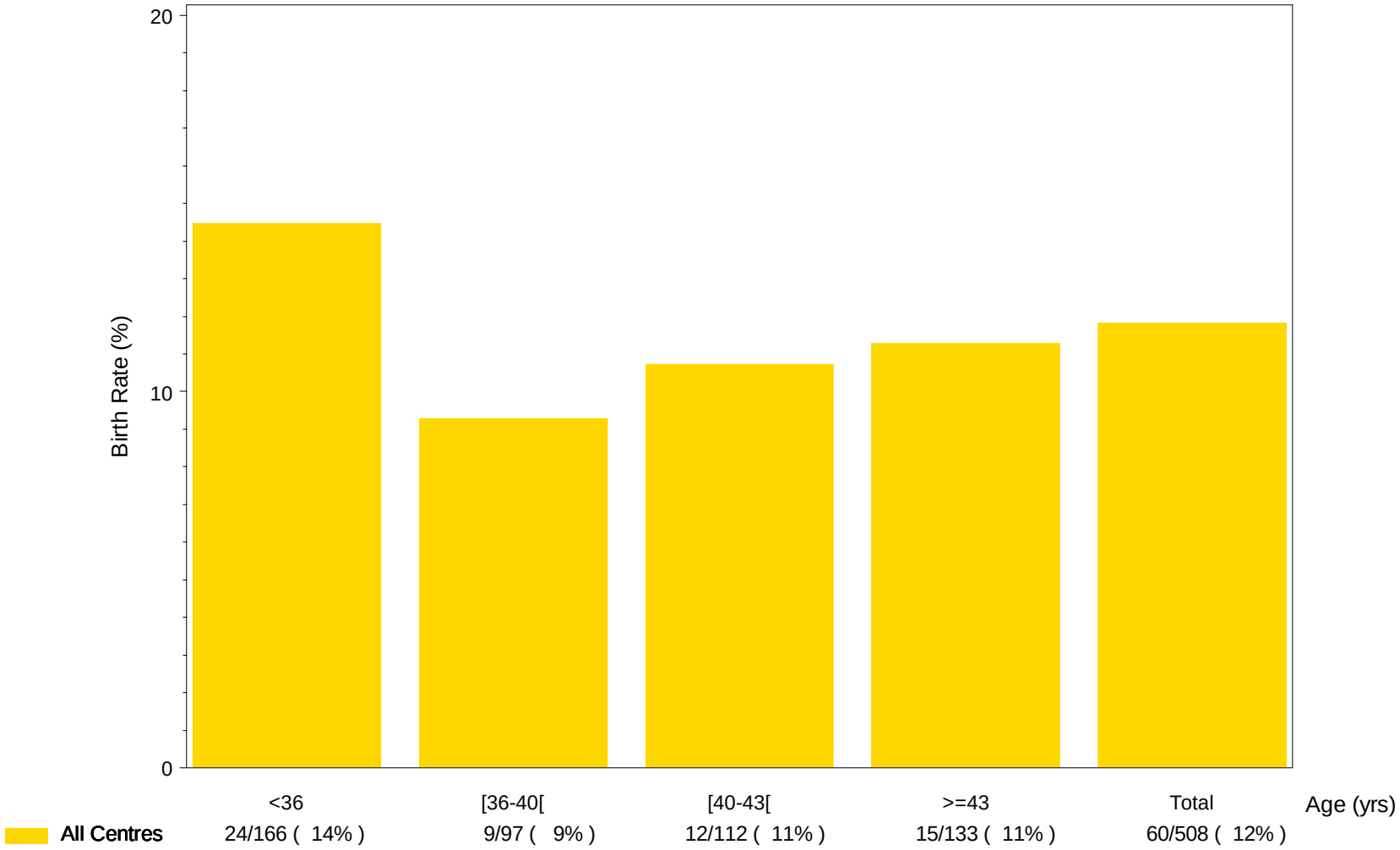
n/N (%) where n = Total number of uterine sacs; N = Total number of embryos transferred; %= n*100/N; NA = No cycles with data available.

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



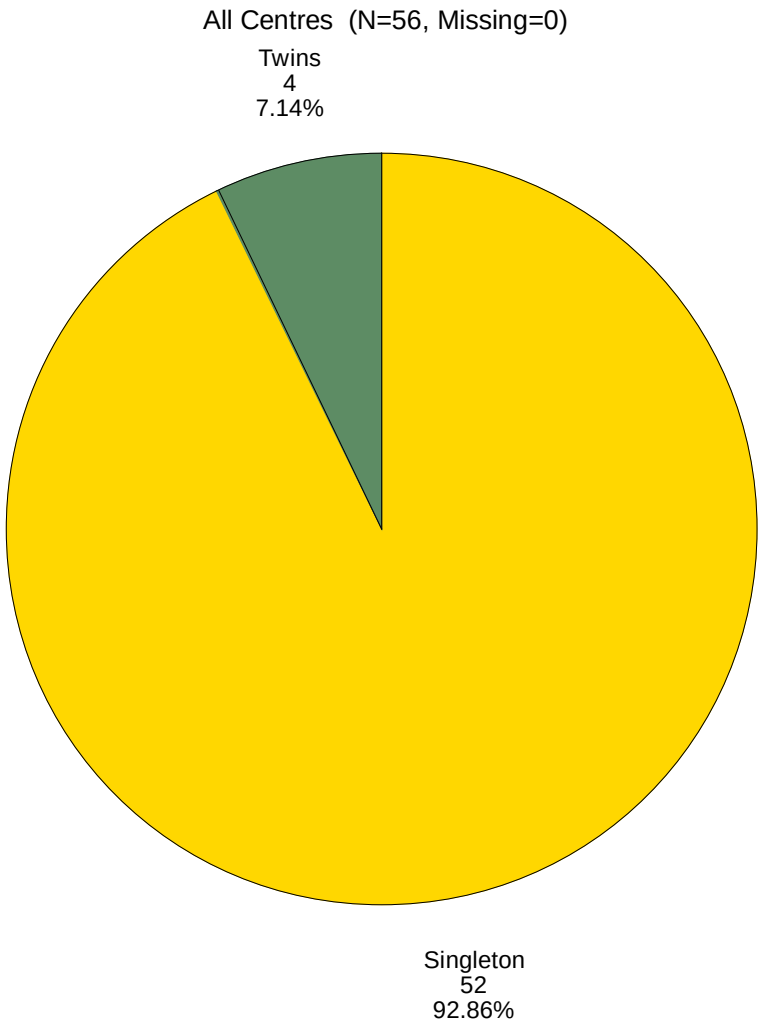
n/N (%) where n = Total number of FHB; N = Total number of embryos transferred; %= n*100/N; NA = No cycles with data available.

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



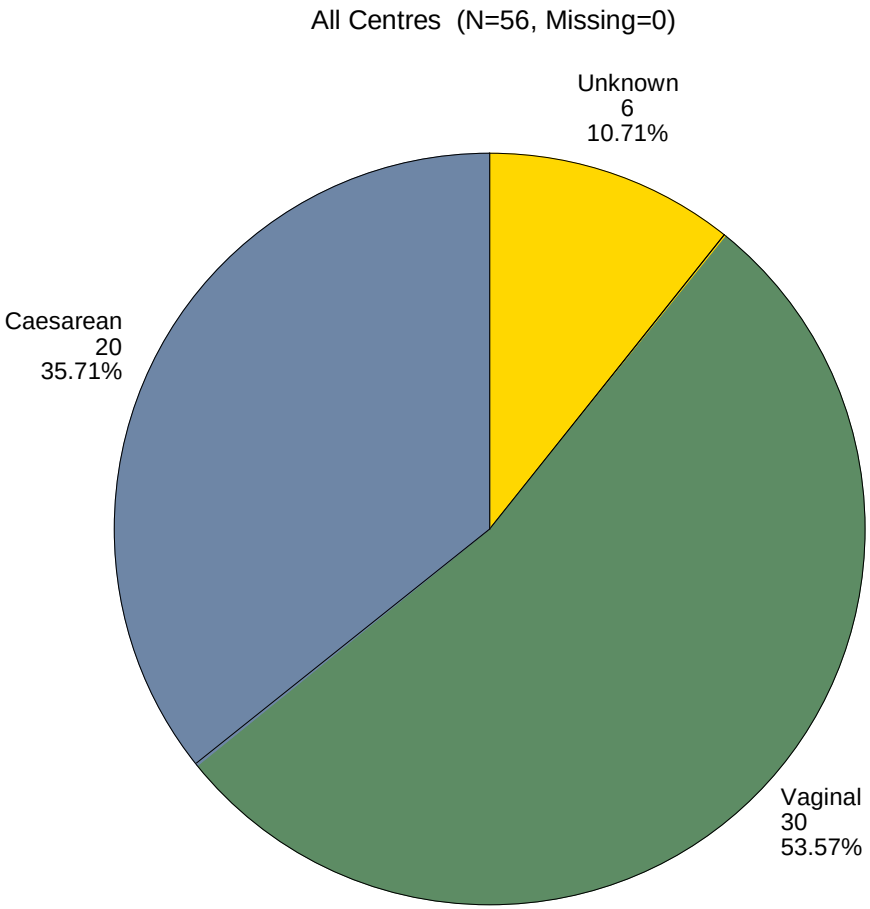
n/N (%) where n = Total number of babies; N = Total number of embryos transferred; %= n*100/N; NA = No cycles with data available.

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



Deliveries of twins or triplets are only counted once.

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



Deliveries of twins or triplets are only counted once.

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

	All Centres (N=60, Missing=0)
Sex of baby	
Male	32/60 (53.33%)
Female	25/60 (41.67%)
Unknown	3/60 (5.00%)

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

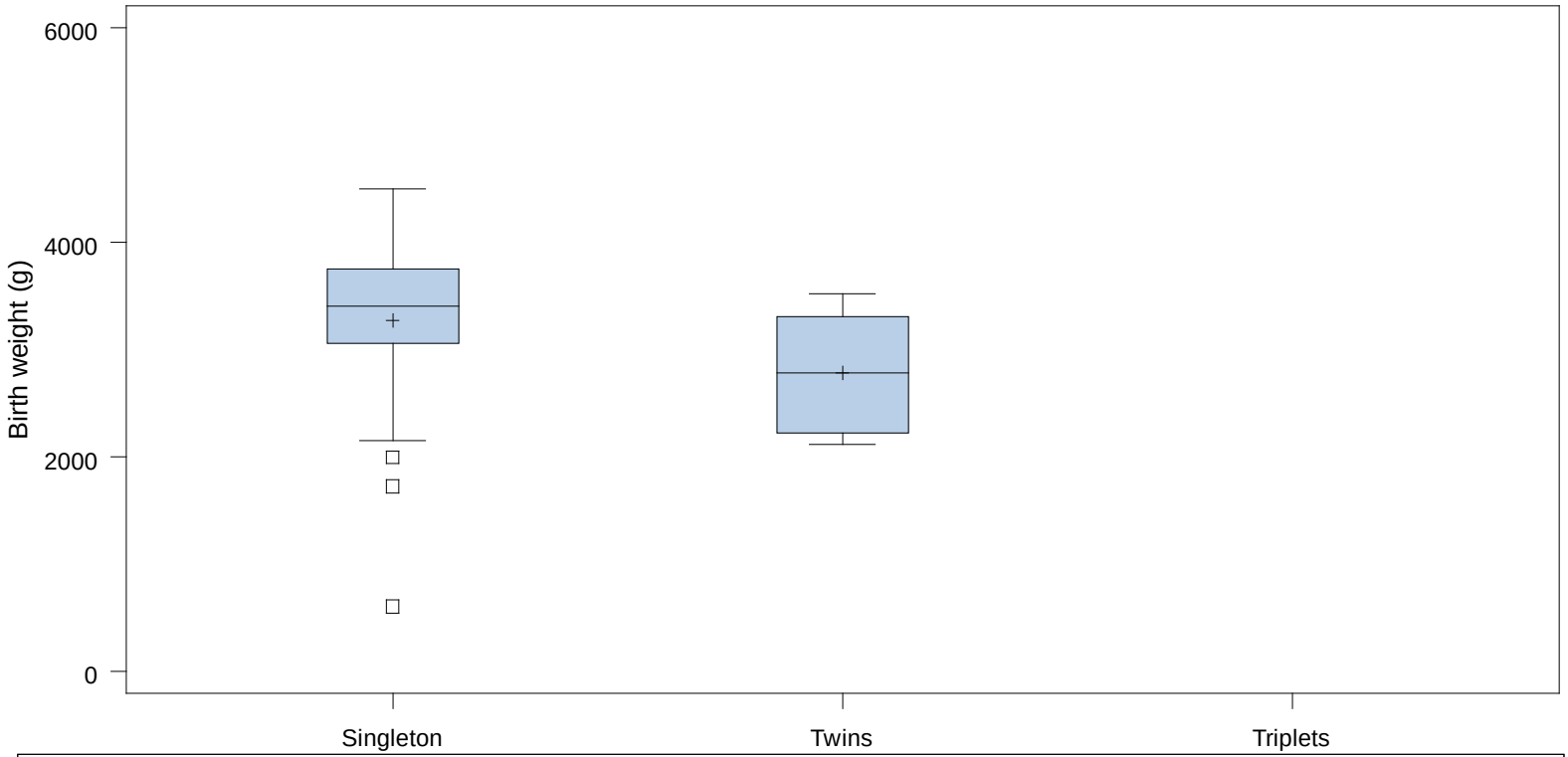
	Statistic	All Centres (N=56, Missing=4)
Birth Weight (g)		
Singletons	N	48
	Mean	3276.6
	Std	733.75
	Median	3407.5
	IQR	(3060.0; 3750.0)
Twins	N	8
	Mean	2784.4
	Std	568.70
	Median	2780.0
	IQR	(2225.0; 3310.0)

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

	Statistic	All Centres (N=56, Missing=0)
Gestational age at delivery (weeks)		
Singletons	N	52
	Mean	38.7
	Std	2.88
	Median	39.2
	IQR	(38.1; 40.4)
Twins	N	4
	Mean	38.2
	Std	1.82
	Median	38.9
	IQR	(36.9; 39.4)

Twin or triplet birth is counted as one birth event.

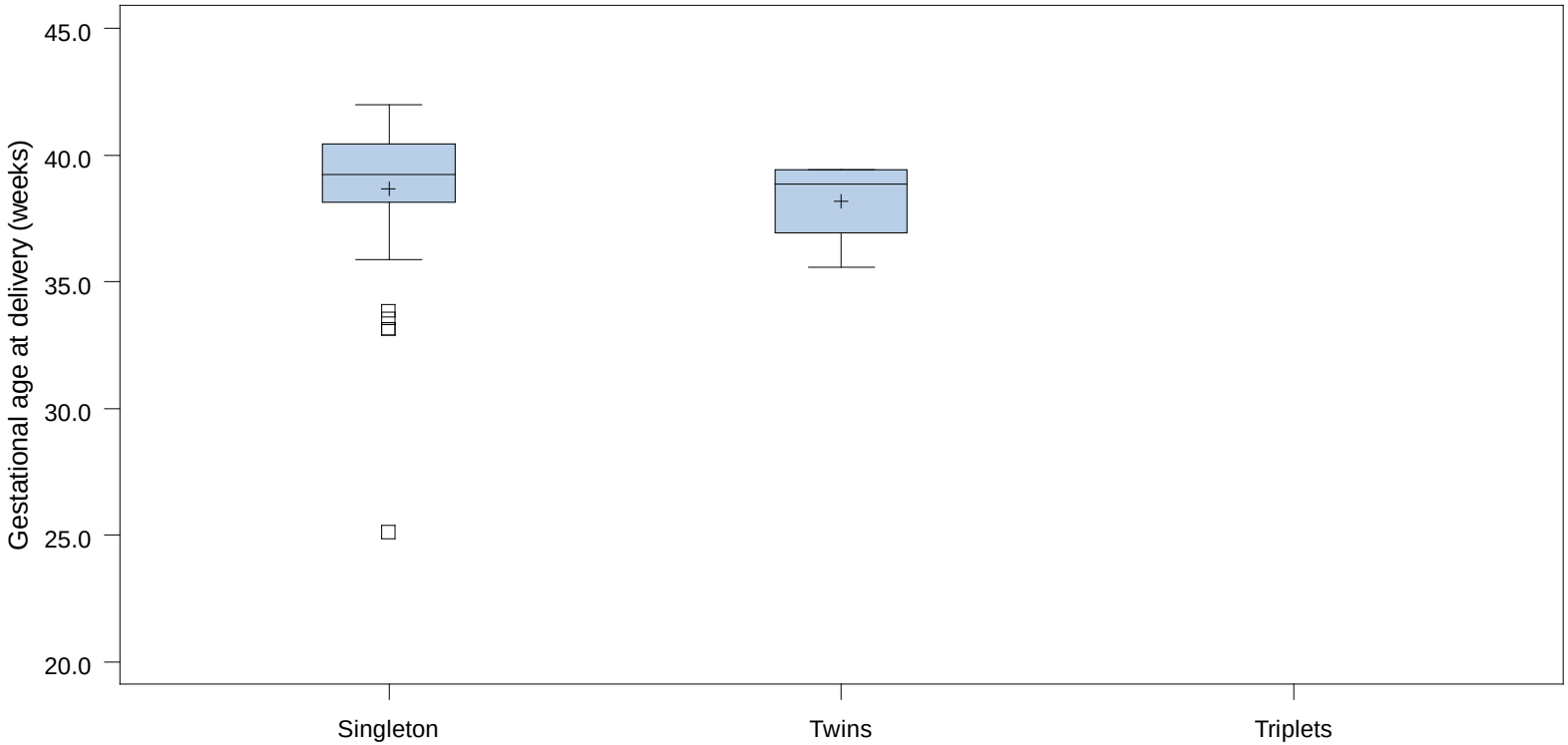
Figure 5.17 Cryo embryo recipient cycles (donor eggs): Birth weight (boxplot)



	All Centres	
N	48	8
Missing	4	0
Mean	3276.6	2784.4
SD	733.75	568.70
Median	3407.5	2780.0
(Min,Max)	(605,4504)	(2120,3525)
(Q1,Q3)	(3060,3750)	(2225,3310)

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 embryo recipient cycles (donor eggs): Gestational age at delivery (boxplot)



	All Centres	
N	52	4
Missing	0	0
Mean	38.7	38.2
SD	2.88	1.82
Median	39.2	38.9
(Min,Max)	(25,42)	(36,39)
(Q1,Q3)	(38,40)	(37,39)

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 embryo recipient cycles (donor eggs): 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=56, Missing=0)				
< 32	1 (1.9%)	NA	NA	1 (1.8%)
[32-37[	8 (15.4%)	1 (25.0%)	NA	9 (16.1%)
>=37	43 (82.7%)	3 (75.0%)	NA	46 (82.1%)
Total	52 (100.0%)	4 (100.0%)	NA	56 (100.0%)

Twin or triplet birth is counted as one birth event.

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

	Type of delivery			
Birth weight (g)	**Singletons**	**Twins**	**Triplets**	**Total**
All Centres (N=56, Missing=4)				
< 1500	1 (2.1%)	NA	NA	1 (1.8%)
[1500-2500[	7 (14.6%)	3 (37.5%)	NA	10 (17.9%)
>= 2500	40 (83.3%)	5 (62.5%)	NA	45 (80.4%)
Total	48 (100.0%)	8 (100.0%)	NA	56 (100.0%)

NA: no data available

Section 6: Fresh donor cycles

Table 6.1 Fresh donor cycles: Overview of cycles

Cycle	All Centres	
Initiated	687	(100.0%)
Cancelled	34	(4.9%)
At least one oocyte received	653	(95.1%)

Figure 6.2 Fresh donor cycles: Female age distribution

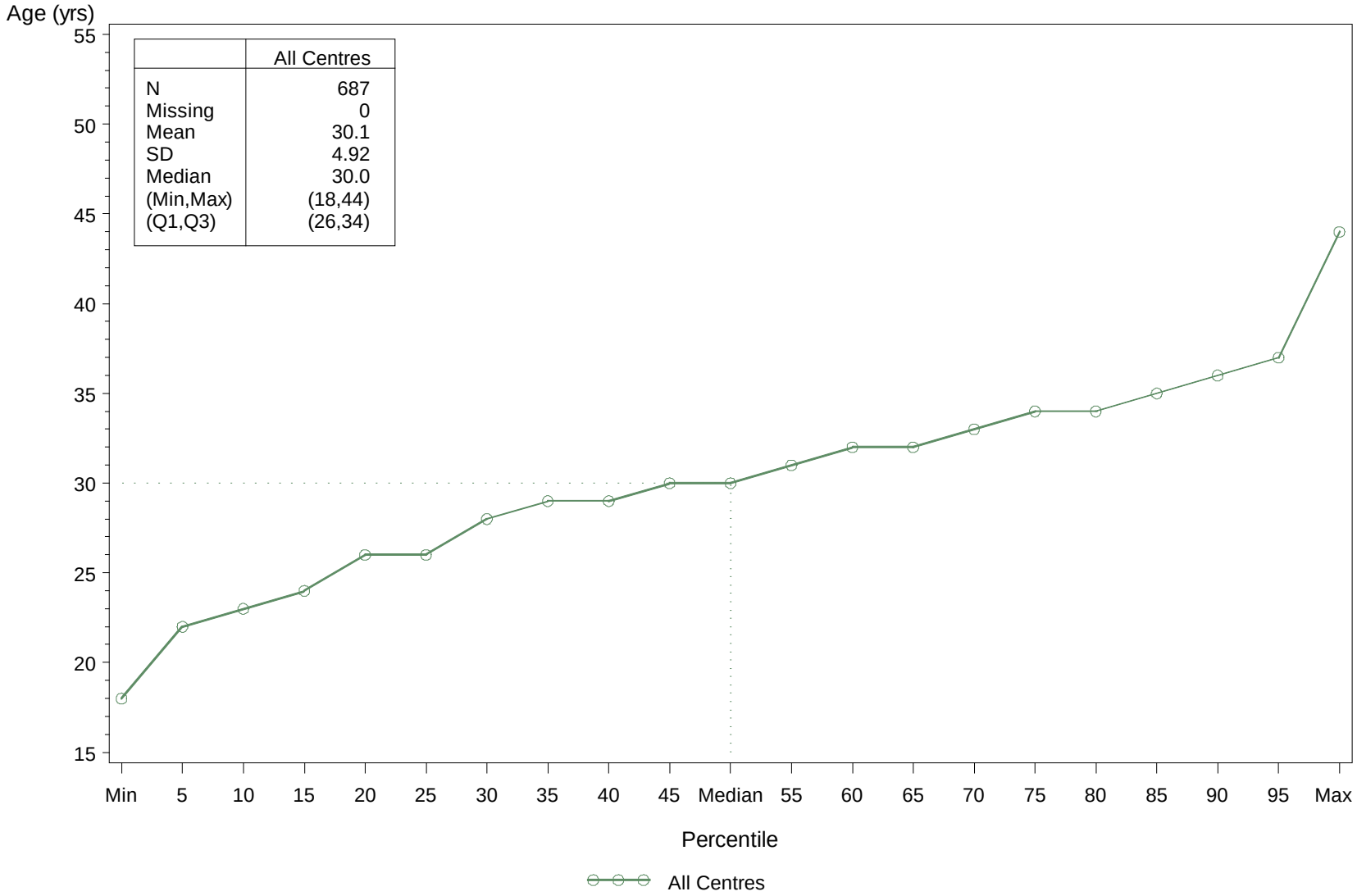


Table 6.3 Fresh donor cycles: Pituitary inhibition

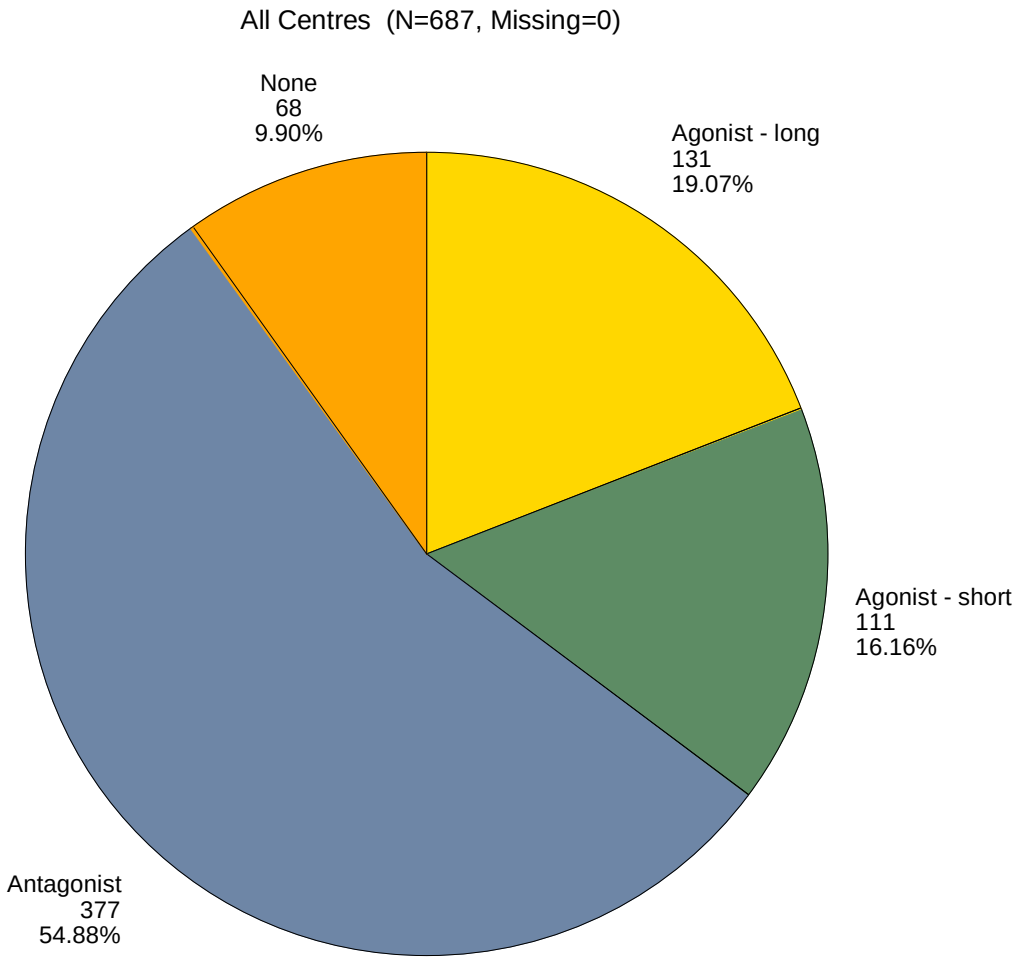
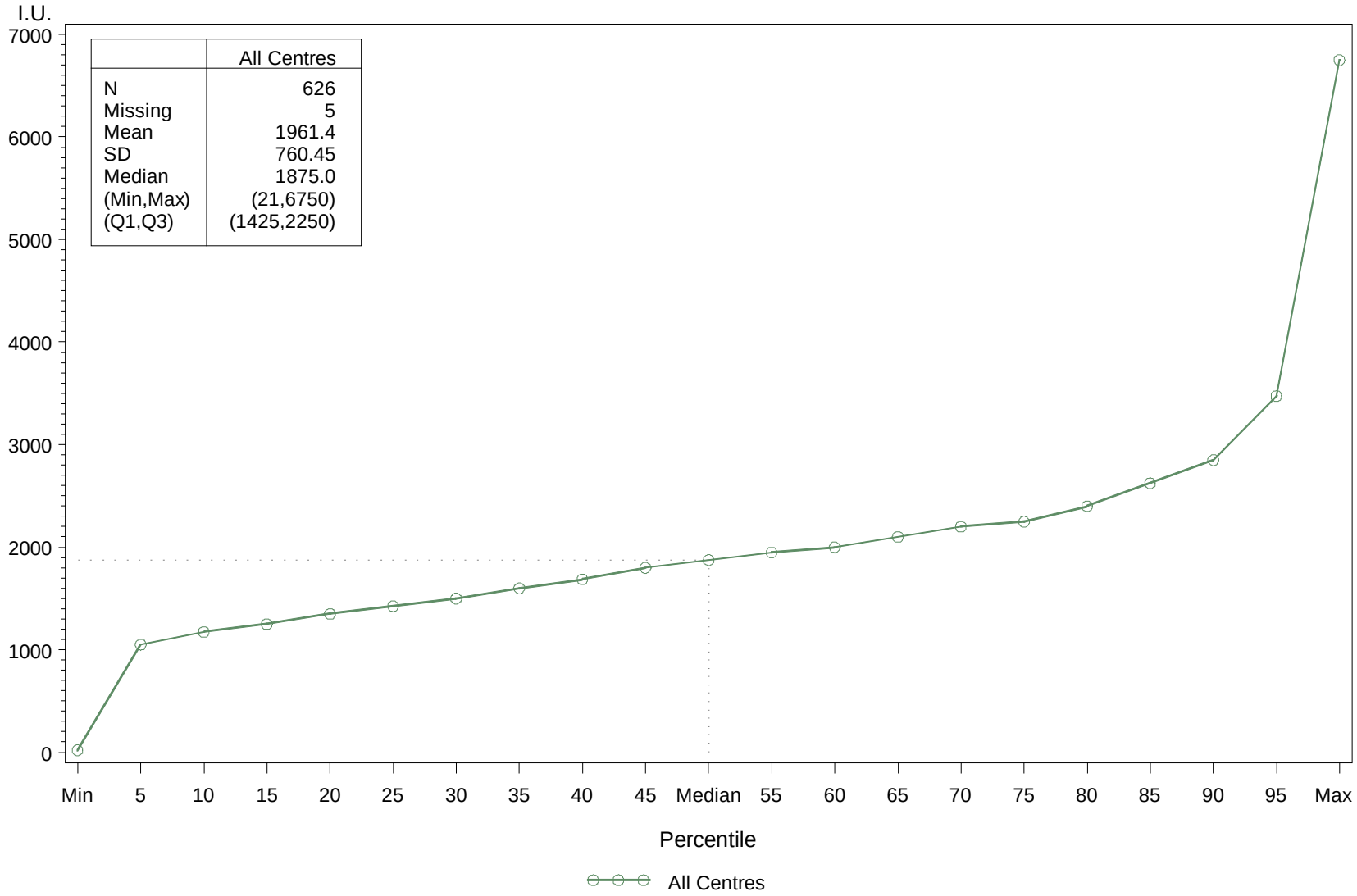


Table 6.4 Fresh donor cycles: Stimulation protocol

	Statistic	All Centres (N=686, Missing=1)
Stimulation protocol		
Gonadotrophins	n/N (%)	620/686 (90.38%)
Clomiphene + Gonadotrophins	n/N (%)	1/686 (0.15%)
Aromatase Inhibitor + Gonadotrophins	n/N (%)	10/686 (1.46%)
None	n/N (%)	15/686 (2.19%)
Other	n/N (%)	40/686 (5.83%)

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



Section 7: Appendix

Table 7.1 : Definitions

Term	Definition
Own fresh cycle (standard)	Cycle where the patient’s own eggs are fertilized with sperm from partner or donor. This includes the intended mother in case of surrogacy.
Own oocytes freezing cycle	Cycle where the patient's own eggs are only frozen and not fertilized.
Own thawed oocyte cycle	Cycle where thawed own eggs are fertilized with sperm from partner or donor.
Own embryo cryo cycle	Cycle where own embryos are thawed.
Fresh oocytes recipient cycle	Cycle where fresh eggs from an oocyte donor are fertilized with sperm from the recipient's partner or a sperm donor
Thawed oocytes recipient cycle	Cycle where thawed donor eggs are fertilized with sperm from partner or donor.
Cryo embryo recipient cycle - donor egg	Cycle where embryos originating from an egg donor are thawed.
Fresh donor cycle	Cycle where all fresh oocytes are donated for third party reproduction.
Fresh sharing cycle	Cycle where one part of the patient's own eggs is fertilized with sperm from partner or donor and the other part is donated for third party reproduction.
Mixed (fresh + thawed) cycle	Cycle where a combination of a fresh and thawed cycle is performed.
Unspecified fresh cycle	Cycle using fresh oocytes without specific details provided.
Unspecified cryo cycle	Cycle using thawed oocytes or embryos without specific details provided.
Unknown cycle type	Cycle without any details provided.
Fresh surrogate carrier cycle	Cycle where fresh embryos originating from another woman’s oocyte and another man’s sperm are transferred in the surrogate carrier.
Cryo embryo recipient cycle - donor embryo	Cycle where thawed embryos originating from an embryo donor couple are thawed.
Thawed surrogate carrier cycle	Cycle where thawed embryos originating from another woman (the intended mother) are thawed for transfer in the surrogate carrier.
Clinical pregnancy	The presence of intra- or extra-uterine sacs on an ultrasound scan.
Delivery	Birth of a child, death or alive, of >= 500g or >= 22 weeks if birth weight is unknown.

Term	Definition
Gestational age	Age of an embryo or fetus calculated by adding 14 days (2 weeks) to the number of completed weeks since fertilization.

Table 7.2 : List of B-centres having supplied data

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

Colophon

College van Geneesheren "Reproductieve Geneeskunde"/

Collège de Médecins "Médecine de la Reproduction"

T. D'Hooghe, President

A. Delbaere, Vice-President

A. Delvigne, Secretary

W. Ombelet, Secretary

M. Camus, Member

P. De Sutter, Member

M. Dubois, Member

S. Gordts, Member

S. Perrier d'Hauterive, Member

Data handling and analysis

Interuniversity Institute for Biostatistics and statistical Bioinformatics

Katholieke Universiteit Leuven & Universiteit Hasselt

A. Belmans, K. Bogaerts, G. Kalema, E. Lesaffre

Ecole de Santé Publique

Université de Liège

A. Albert, N. Gillain, E. Husson

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