

European IVF Monitoring (EIM) 2005

Name of country BULGARIA

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Module 0

Number and size of clinics

IVF clinics (units) in the country

	Number
Total number of clinics in the country	15
Total number of clinics reporting to the National Register	4

Size of the clinics

(Based on the total annual number of IVF, ICSI, FER and ED combined)

	Number of clinics
< 100 cycles	2
100 – 199 cycles	
200 - 499 cycles	2
500 – 999 cycles	
≥ 1.000 cycles	

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Module 1 a

Number of treatments and pregnancies

IVF and ICSI – fresh cycles

	IVF (n)	ICSI (n)	All (n)
Initiated cycles	427	363	790
Aspirations	407	352	759
Transfers, all	386	330	716
Transfer 1 embryo * (all)	34	27	61
Transfer 2 embryos	87	74	164
Transfer 3 embryos	130	115	245
Transfer 4 or more embryos	135	114	249
Pregnancies**, all	85	68	153

- * Indicate – if possible – the number of elective single embryo transfers after IVF and ICSI combined : _____
- * Indicate - if possible – the number of elective dual embryos transfer after IVF and ICSI combined : _____
- ** Please use the WHO definition of clinical pregnancy: evidence of pregnancy by clinical or ultrasound parameters (ultrasound visualisation of a gestational sac). It includes ectopic pregnancy. Multiple gestational sacs in one patient are counted as one clinical pregnancy.

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Module 1 a

Number of treatments and pregnancies

FER. Frozen embryo (or 2 PN) replacements

	IVF (n)	ICSI (n)	All (n)
Thawings	40	32	72
Transfers, all	38	27	65
Transfer of 1 embryo	8	4	12
Transfers of 2 embryos	8	7	15
Transfers of 3 embryos	9	7	16
Transfers of 4 or more embryos	13	9	22
Pregnancies, all	5	4	9

Egg donations

	IVF (n)	ICSI (n)	All (n)
Donation cycles	13	11	24
Transfers, all	13	9	22
Transfer 1 embryo	0	0	0
Transfer 2 embryos	2	0	2
Transfer 3 embryos	9	7	16
Transfer of 4 or more embryos	2	2	4
Pregnancies, all	0	2	2

In vitro maturation

Number of aspirations	0
Number of pregnancies	0

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Module 1 a.

Preimplantation Genetic Diagnosis (PGD)

Number of treatments, pregnancies and deliveries

	(n)
Initiated cycles	0
Aspirations	0
Transfers	0
Pregnancies	0
Deliveries	0

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Module 1b

Female age

Number of initiated cycles in specific age groups in relation to treatment

	IVF	ICSI	EGG DONATION
Age \leq 29	82	74	2
Age 30 – 34	162	122	3
Age 35 – 39	147	132	3
Age 40 – 44	34	35	13
Age \geq 45	2	0	3
All women	427	363	24

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Module 1 c

Complications to treatments and fetal reduction

Complications with admission to hospital

	Number
Hyperstimulation syndrome	11
Complications to oocyte retrieval (all)	1
Bleeding	0
Infection	1
Maternal death (documented)	0
Fetal reduction	4

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Module 2

ART deliveries resulting from treatments performed in 2005

	IVF (n)	ICSI (n)	FER (n)	Egg Donation (n)	PGD (n)
Clinical pregnancies (all)	85	68	9	2	0
Documented pregnancy losses (abortions and ectopic pregnancies)	31	21	5	0	0
Lost for follow-up	2	3	0	0	0
Singleton deliveries	39	38	4	1	0
Twin deliveries	13	6	0	1	0
Triplet deliveries	0	0	0	0	0
Quadruplet deliveries	0	0	0	0	0
All deliveries	52	44	4	2	0

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Module 3

Intrauterine insemination (IUI)

IUI-Homolog (Husband semen)

	Woman < 40 år	Woman ≥ 40 år
Number of IUI-H cycles	501	41
Pregnancies*	46**	2**
Number of singleton gestations	41	1
Number of twin gestations	4	0
Number of triplet gestations	0	0

IUI-Donor (Donor sperm)

	Woman < 40 years	Woman ≥ 40 år
Number of IUI cycles	201	10
Pregnancies*	24**	1
Number of singleton gestations	18	1
Number of twin gestations	3	0
Number of triplet gestations	1	0

*Please use the WHO definitions in relation to pregnancies (see module 1A)

** There is no information about the number of children born in some deliveries.

Comments:

The number of reporting clinics is rather small because of some confusion after the introduction of the National Executive Agency of Transplantation as a regulator of ART activities at national level.