

European IVF Monitoring (EIM)

Year: 2009

Name of country:
Poland

Name and full address of contact person:

Professor Rafal Kurzawa MD PhD

Fertility and Sterility Special Interest Group Polish Gynaecological Society
Department of Reproductive Medicine and Gynaecology
Siedlecka 2 Street
72-010 Szczecin-Police

Telephone: +48 601 776 305

Fax: +48 91 818 39 89

E-mail: spin@spin.org.pl

Module 0 Number and size of ART / IUI clinics

a/ in the country

	ART clinics (units)	IUI labs*
Total number of units in the country	31	unknown
Total number of units reporting to the National Register	25	22

* Put in this column all the labs providing IUI (including those performing ART)

b/ Size of the reporting clinics.

	Number of ART clinics*	Number of IUI labs**
< 100 cycles	8	3
100 - 199 cycles	2	3
200 - 499 cycles	9	8
500 - 999 cycles	5	5
≥ 1.000 cycles	1	3

*Based on the total annual number of initiated cycles for the purpose IVF, ICSI, FER and ED (recipient cycles)

** Based on the total annual number of cycles with IUI (spouse or donor sperm)

c/ Register characteristics

Reporting requirement 1. Compulsory ; 2. Voluntary	2
Responsibility for the register. 1. National Health Authority ; 2. Medical Organization; 3. Other (describe)	2
Reporting methods :	
Cycles. 1. Individual cycles; 2. Summaries of cycles reported by the clinics	2
Deliveries. 1. Individual cycles; 2. Summaries of deliveries reported by the clinics	2
Is there any kind of data validation process: 0. No; 1. Yes. If yes, describe	1 by coordinator
Do patients have access to individual clinic data: 0. No; 1. Yes	0
Register financial support: 1. Public; 2. Centres; 3. Industry; 4. Public+industry; 5. Centres + industry; 6. Public + centres + industry, professional society	2
National number of deliveries in the same year in the country	413 944
National number of infants born in the same year in the country	419 337
Comments	

Module 1 a

Number of treatments, pregnancies and deliveries

	Cycles with women's own oocytes					ED***	
	Fresh cycles*		FER*	PGD**		Fresh cycle	FER
	IVF	ICSI	IVF/ICSI	Fresh	FER		
Initiated cycles****	285	7566	----	276	----	250	22
Aspirations/Thawings (FER)****	273	7468	3534	276	4	245	22
Transfers	250	6634	3241	196	2	358	22
Pregnancies, total*****	96	2757	820	67	1	156	4
Pregnancies with unknown outcome	6	120	35	33	1	8	0
Deliveries*****	unknown	unknown	unknown	26	0	86	4

* Excluding PGD and ED (Egg donation)

** Including both PGD and PGS irrespective of whether or not IVF or ICSI has been performed.

*** *In egg donation, initiated cycles and aspirations refer to the donor*, whereas transfers, pregnancies and deliveries to the recipient and include both fresh and frozen embryo replacements

**** If there is a discrepancy between the numbers of cycles and of aspirations in your country (some centres sending only one of the 2 numbers), please indicate this in a note.

***** Please use the WHO/ICMART 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. Deliveries include those resulting in a live birth and/or stillbirth.

Among the fresh aspiration cycles, how many were performed:

- with semen donation: **406**
- with surgically obtained spouse's semen: **166**

In vitro maturation (IVM) and frozen oocyte replacements (FOR)

IVM	Aspirations	Transfers	Pregnancies	Deliveries
	96	81	23	unknown
FOR	Thawings	Transfers	Pregnancies	Deliveries
	35	23	9	unknown

Is embryo donation is allowed in your country: ? 0. No; 1. Yes: 1

If yes,

Embryo donation	Transfers	Pregnancies	Deliveries
	123	43	unknown

Module 1b

Results by women's age and ART technique

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

Woman's age	IVF			ICSI		
	Cycles	Pregnancies	Deliveries	Cycles	Pregnancies	Deliveries
≤ 34	185	69	unknown	4689	1926	unknown
35-39	83	27	unknown	2105	698	unknown
≥ 40	15	0	0	756	133	unknown
unknown	2	6	0	16	120	0

Woman's age	FER (Frozen embryo transfers)			ED (Egg donations)		
	Cycles	Pregnancies	Deliveries	Transfers	Pregnancies	Deliveries
≤ 34	2210	552	unknown	70	27	unknown
35-39	1054	233	unknown	120	63	unknown
≥ 40	258	35	unknown	183	69	unknown
unknown	12	35	0	7	9	1

Pregnancies = known clinical pregnancies + pregnancies with unknown outcome

Module 1c

Complications to treatments and foetal reduction

Complications with medical intervention

	Number of occurrences
Severe Hyperstimulation syndrome (grade 3 +)	54
Complications to oocyte retrieval: All	59
Bleeding	54
Infection	5
Maternal death (give the details)	0
Number of Foetal reductions	0

OHSS definition:

Grade 3

- Abdominal distension and discomfort (grade 1)
- **plus** nausea, vomiting and/or diarrhoea, ovaries 5-12cm
- **plus** ultrasonic evidence of ascites (grade 3)

Grade 4 : Grade 3 + clinical evidence of ascites and/or hydrothorax or dyspnoea

Grade 5 : All above plus haemoconcentration, coagulation abnormalities, diminished renal perfusion

Module 2

Results by number of transferred embryos

a / All IVF and ICSI fresh cycles

	Number of transferred embryos						Total**
	1	2	3	4	≥ 5	unknown	
Transfer cycles	1366	4456	747	36	6	273	6884
Clinical pregnancies	420	2016	288	10	3	116	2853
Pregnancy losses*	54	182	15	2	2	0	255
Deliveries: Total	304	1404	152	5	1	0	1866
Singleton	297	1112	124	3	1	0	1537
Twin	7	283	24	1	0	0	315
Triplet +	0	9	4	1	0	0	14
Unknown	0	0	0	0	0	0	0
Lost to Follow-up	62	430	121	3	0	116	732

b / All FER cycles (coming from IVF and ICSI)

	Number of transferred embryos						Total**
	1	2	3	4	≥ 5	unknown	
Transfer cycles	631	2016	449	50	5	90	3241
Clinical pregnancies	120	571	95	12	1	21	820
Pregnancy losses*	16	66	11	1	0	0	94
Deliveries: Total	78	370	36	0	1	0	485
Singleton	78	301	28	0	1	0	408
Twin	0	69	8	0	0	0	77
Triplet +	0	0	0	0	0	0	0
Unknown	0	0	0	0	0	0	0
Lost to Follow-up	26	135	48	11	0	21	241

c / Egg donation (ED) and PGD*

	Number of transferred embryos ED						PGD	Total
	1	2	3	4	≥ 5	unknown	Total ED**	
Transfer cycles	73	226	70	6	5	0	380	198
Clinical pregnancies	21	100	33	4	2	0	160	68
Pregnancy losses**	2	10	3	1	0	0	16	8
Deliveries: Total	17	64	9	0	0	0	90	26
Singleton	17	46	6	0	0	0	69	23
Twin	0	18	3	0	0	0	21	3
Triplet +	0	0	0	0	0	0	0	0
Unknown	0	0	0	0	0	0	0	0
Lost to Follow-up	2	26	21	3	2	0	54	34

* This table concern all ED and PGD transfers, with fresh and frozen embryos

** Abortions and ectopic pregnancies

*** Total=same numbers as in module 1a for transfers, pregnancies and deliveries

Module 3

Intrauterine Insemination (IUI)

IUI-Homologue (Husband semen)

	Woman < 40 years	Woman ≥ 40 years	Total
Number of IUI-H cycles*	8508	664	9172
Pregnancies**	1133	52	1185
Deliveries: Total	unknown	unknown	unknown
Singleton			
Twin			
Triplet +			
Unknown			

IUI-Donor (Donor sperm)

	Woman < 40 years	Woman ≥ 40 years	Total
Number of IUI-D cycles*	1586	165	1751
Pregnancies**	322	20	342
Deliveries: Total	unknown	unknown	unknown
Singleton			
Twin			
Triplet +			
Unknown			

* Whether one or more insemination were performed during the same cycle

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

Comments:**Full data from 14 Clinics for IUI-Homologue (Husband semen)**

	Woman < 40 years	Woman ≥ 40 years	Total
Number of IUI-H cycles*	5561	519	6080
Pregnancies**	678	39	717
Deliveries: Total	602	26	628
Singleton	550	24	574
Twin	45	2	47
Triplet +	0	0	0
Unknown	7	0	7

Full data from 18 Clinics for IUI-Donor (Donor sperm)

	Woman < 40 years	Woman ≥ 40 years	Total
Number of IUI-D cycles*	1323	121	1444
Pregnancies**	269	14	283
Deliveries: Total	243	13	256
Singleton	220	12	232
Twin	23	1	24
Triplet +	0	0	0
Unknown	0	0	0

Module 4 (Optional)

Gestational Age by Treatment and Multiple deliveries

a) Fresh cycles (standard IVF, ICSI*)

Deliveries**	All	Gestational age (weeks since OPU + 2)					NA
		20-27	28-32	33-36	37-41	42 +	
Singleton	766	26	90	93	528	9	20
Twin	168	1	17	59	77	0	14
Triplet or higher	2	0	1	1	0	0	0
Unknown	0	0	0	0	0	0	0
Total	936	27	108	153	605	9	34

* Including PGD pregnancies with fresh transfer

**Deliveries, not babies

b) Frozen embryo transfers after standard IVF or ICSI*

Deliveries**	All	Gestational age (weeks since OPU + 2)					NA
		20-27	28-32	33-36	37-41	42 +	
Singleton	303	4	26	41	214	2	16
Twin	60	1	6	24	26	0	3
Triplet or higher	0	0	0	0	0	0	0
Unknown	0	0	0	0	0	0	0
Total	363	5	32	65	240	2	19

* Including PGD pregnancies with FER

**Deliveries, not babies

c) Oocyte donation (ED)

Deliveries	All	Gestational age (weeks since OPU + 2)					NA
		20-27	28-32	33-36	37-41	42 +	
Singleton	56	0	4	8	42	0	2
Twin	16	0	1	6	9	0	0
Triplet or higher	0	0	0	0	0	0	0
Unknown	0	0	0	0	0	0	0
Total	72	0	5	14	51	0	2

Deliveries, not babies

NA Not available

Comments: data from 8 Clinics

Module 5 (Optional)

Cycles performed for cross-border patients*

a. Summary of cycles

	ART							IUI	
	Woman's own oocytes, spouse's semen				Oocyte donation		Sperm donation	Other/unknown	Sperm donation
	IVF*	ICSI*	GIFT	PGD	Anonymous	Non anonymous	All	All	All
Initiated cycles	1	139	0	0	135	3	53	1	244

b. Countries of patients' origin and main reasons

Main Countries of origin		
	Country	cycles
1.	Germany	221
2.	Russia	10
3.	Italy	7
4.	Belarus	4
5.		
6.	Others (total)	42

Reason		Cycles
Legal	Illegal technique in home country	107
	Illegal patients characteristics***	0
Access	Care more expensive in home country	20
	Distance, waiting list	0
quality	Previous failures	4
Other	Unknown	153

* Patients living in a different country from the one they had ART

** Indicate the 5 main countries of patients' origin and give the number of cycles for each of them. Give the total number of cycles for the others

***like age limitation, legal couple status, sexual orientation

Comments: data from 9 Clinics