

## Data Collection 2014

## Data for Poland

## Module 0 - Number and size of ART / IUI clinics

## In the country

	ART clinics (units)	IUI labs*
Total number of units in the country	<input type="text"/>	<input type="text"/>
Total number of units reporting to the National Register	<input type="text"/>	<input type="text"/>
Number of units included in this report	<input type="text" value="29"/>	<input type="text" value="30"/>

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

## Size of the reporting clinics

	Number of ART clinics*	Number of IUI labs**
< 100 cycles	<input type="text" value="2"/>	<input type="text" value="5"/>
100 - 199 cycles	<input type="text" value="4"/>	<input type="text" value="6"/>
200 - 499 cycles	<input type="text" value="9"/>	<input type="text" value="9"/>
500 - 999 cycles	<input type="text" value="5"/>	<input type="text" value="7"/>
≥ 1.000 cycles	<input type="text" value="9"/>	<input type="text" value="3"/>

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

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

## Register characteristics

Reporting requirement	<input type="text" value="Voluntary"/>
Responsibility for the register	<input type="text" value="Medical Organization"/>
Reporting methods	
Cycles	<input type="text" value="Summaries of cycles reported by the clinics"/>
Deliveries	<input type="text" value="Summaries of cycles reported by the clinics"/>
Is there any kind of data validation process. If yes, describe	<input checked="" type="radio"/> Yes <input type="radio"/> No <input type="text" value="by coordinator (CNR)"/>
Do patients have access to individual clinic data	<input type="radio"/> Yes <input checked="" type="radio"/> No
Register financial support	<input type="checkbox"/> Public <input checked="" type="checkbox"/> Centres <input type="checkbox"/> Industry <input type="checkbox"/> Professional society
National number of deliveries in the same year in the country	<input type="text" value="371590"/>
National number of infants born in the same year in the country	<input type="text" value="376501"/>
Population of women aged 15-45	<input type="text" value="8092.7"/>
Total population for the year	<input type="text" value="38478.6"/>

\*\*\*Initiated: WHO-ICMART definition

Cycle in which the woman receives specific medication for ovarian stimulation or in which cycle monitoring is carried out with the intention to treat, irrespective of whether or not follicular aspiration is attempted in an ovarian stimulation cycle or whether egg(s) or embryo(s) are thawed or transferred in a Frozen Embryo Transfer (FET) cycle.

## Comments

data for population of women of 15-44 aged

Module 1A - Number of treatments, pregnancies and deliveries

	Cycles with women's own oocytes						Egg Donation cycles <sup>d</sup>		
	Fresh cycles <sup>a</sup>			FER <sup>b</sup>	PGD <sup>c</sup>		Fresh cycle	FOR	FER
	IVF <sup>a</sup>	ICSI <sup>a</sup>	Total	IVF, ICSI	Fresh	FER			
Initiated cycles <sup>a</sup>	899	13735	14634		305		298		
Aspirations <sup>a</sup>	884	13615	14499		297		292		
Thawings				7775		20		220	225
Freeze all, oocytes <sup>f</sup>	8	523	531		14		2		
Freeze all, embryos <sup>f</sup>	151	1435	1586		27		83		
Transfers	725	11647	12372	7601	115	15	329	203	224
Pregnancies, total <sup>g</sup>	273	4154	4427	2263	53	5	152	72	70
Deliveries <sup>h</sup>	238	2852	3090	1378	41	5	106	33	49
Pregnancies with unknown outcome	18	558	576	332	8	0	17	29	12

- a. In case of mixed IVF and ICSI cycles (IVF/ICSI), report them as ICSI
- b. Excluding PGD and ED (Egg donation)
- c. PGD and PGS. For initiated cycles & aspirations, include both irrespective of whether or not an embryo transfer was performed
- d. In egg donation, initiated cycles and aspirations refer to the donor, whereas transfers, pregnancies and deliveries to the recipient. Fresh cycles relate to completely fresh material. FER relates to fresh oocytes but with frozen embryo replacement and FOR relates to frozen oocytes.
- e. 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.
- f. Exclude those for fertility preservation or social freezing.
- g. Please use the WHO/ICMART definition of clinical pregnancy: A pregnancy diagnosed by ultrasonographic visualization of one or more gestational sacs or definitive clinical signs of pregnancy. For the purpose of MAR/ART registries, in addition to intrauterine pregnancy it includes clinically documented ectopic pregnancy.
- h. Deliveries include those resulting in a live birth and/or stillbirth, and start at 22 weeks of gestational age.

Among the fresh aspiration cycles, how many were performed

With semen donation

With surgically obtained spouse's semen

With mixed IVF/ICSI procedure

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

	Aspirations	Transfers	Pregnancies	Deliveries
IVM	<input type="text" value="24"/>	<input type="text" value="21"/>	<input type="text" value="4"/>	<input type="text" value="2"/>
	Thawings	Transfers	Pregnancies	Deliveries
FOR*	<input type="text" value="80"/>	<input type="text" value="62"/>	<input type="text" value="19"/>	<input type="text" value="13"/>

Is embryo donation allowed in your country?  Yes  No

	Transfers*	Pregnancies	Deliveries
Embryo donation	<input type="text" value="258"/>	<input type="text" value="99"/>	<input type="text" value="59"/>

\* Only own oocytes, do not concern egg donation

\* From fresh/frozen embryos transfers

### Module 1B - Results by women's age and ART technique

Number of cycles (aspiration for IVF or ICSI, thawing for FER and transfers for ED) in specific age groups in relation to treatment.

Woman's age	IVF*			ICSI*		
	Aspirations	Pregnancies	Deliveries	Aspirations	Pregnancies	Deliveries
≤ 34	579	196	175	7416	2563	1797
35 - 39	267	70	57	4602	1320	898
≥ 40	38	7	6	1389	197	83
Unknown	0	0	0	208	74	74

\* In case of mixed IVF and ICSI cycles (IVF/ICSI), report them as ICSI

Woman's age	FER (Frozen embryo replacements with own oocytes)			ED (Egg donations)*		
	Thawings	Pregnancies	Deliveries	Transfers	Pregnancies	Deliveries
≤ 34	4559	1416	899	186	74	47
35 - 39	2370	671	382	228	105	64
≥ 40	846	176	97	342	115	77
Unknown	0	0	0	0	0	0

\* In ED, age refers to recipient, not to donor, and all ED cycles have to be included (fresh transfers, FER and FOR)

#### WHO DEFINITION OF CLINICAL PREGNANCIES

A pregnancy diagnosed by ultrasonographic visualization of one or more gestational sacs or definitive clinical signs of pregnancy. For the purpose of MAR/ART registries, in addition to intrauterine pregnancy it includes clinically documented ectopic pregnancy.

### Module 1C - Complications to treatments and foetal reduction

Complications with admission to hospital	Number of occurrences
Severe hyperstimulation syndrome (grade 3 +)	57
Complications to oocyte retrieval:	
Bleeding	34
Infection	3
Others	0
All	37
Maternal death (give the details)	0
Number of foetal reductions	12

#### 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**

All IVF and ICSI fresh cycles

	Number of transferred cleavage stage embryos / Blastocysts						Total*
	1	2	3	4	≥5	Unknown	
a. Transfer cycles with cleavage stage embryos	3848	3858	91	0	0	314	8111
b. Clinical pregnancies	1131	1538	32	0	0	0	2701
c. Transfer cycles with blastocysts	2666	1554	41	0	0	0	4261
d. Clinical pregnancies	1040	671	15	0	0	0	1726
Total/all transfer cycles (a+c)	6514	5412	132	0	0	314	12372
Total/all clinical pregnancies (b+d)	2171	2209	47	0	0	0	4427
<b>Pregnancy outcome (all transfers)</b>							
Pregnancy losses**	368	385	8	0	0	0	761
Lost to Follow-up***	223	346	7	0	0	0	576
<b>Deliveries</b>							
Singleton	1539	1153	17	0	0	0	2709
Twin	30	317	14	0	0	0	361
Triplet +	0	4	1	0	0	0	5
Unknown	11	4	0	0	0	0	15
Total	1580	1478	32	0	0	0	3090

All FER cycles (coming from IVF, ICSI and IVF/ICSI with own oocytes)

	Number of transferred embryos						Total*
	1	2	3	4	≥5	Unknown	
Transfer cycles with cleavage stage embryos	884	1351	100	3	0	0	2338
Clinical pregnancies	204	397	13	0	0	0	614
Transfer cycles with blastocysts	4112	1131	20	0	0	0	5263
Clinical pregnancies	1215	428	6	0	0	0	1649
Total/all transfer cycles	4996	2482	120	3	0	0	7601
Total/all clinical pregnancies	1419	825	19	0	0	0	2263
<b>Pregnancy outcome (all transfers)</b>							
Pregnancy losses**	341	205	7	0	0	0	553
Lost to Follow-up***	175	156	1	0	0	0	332
<b>Deliveries</b>							
Singleton	867	383	9	0	0	0	1259
Twin	18	71	1	0	0	0	90
Triplet +	0	0	1	0	0	0	1
Unknown	18	10	0	0	0	0	28
Total	903	464	11	0	0	0	1378

Egg donation (EU) and PGD\*\*\*\*

	Number of transferred embryos ED						PGD	
	1	2	3	4	≥5	unknown	Total ED*	Total*
Transfer cycles with cleavage stage embryos	147	326	16	0	0	0	489	3
Clinical pregnancies	38	106	4	0	0	0	148	0
Transfer cycles with blastocysts	141	125	1	0	0	0	267	127
Clinical pregnancies	68	78	0	0	0	0	146	58
Total/all transfer cycles	288	451	17	0	0	0	756	130
Total/all clinical pregnancies	106	184	4	0	0	0	294	58
<b>Pregnancy outcome (all transfers)</b>								
Pregnancy losses**	20	27	1	0	0	0	48	4
Lost to Follow-up***	20	36	2	0	0	0	58	8
<b>Deliveries</b>								
Singleton	66	95	0	0	0	0	161	39
Twin	0	26	1	0	0	0	27	7
Triplet +	0	0	0	0	0	0	0	0
Unknown	0	0	0	0	0	0	0	0
Total	66	121	1	0	0	0	188	46

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

\*\* Abortions and ectopic pregnancies

\*\*\* Lost to follow-up pregnancies are pregnancies with unknown outcome

\*\*\*\* This table concern all ED and PGD transfers, with fresh and frozen embryos (both from fresh and frozen oocytes)

Module 3 - Intrauterine insemination (IUI)

IUI-Homologue (Husband semen)

	Women < 35 years	Women 35-39 years	Women ≥ 40 years	Total
Number of IUI-H cycles*	6002	2813	923	9738
Pregnancies**	684	283	67	1034
Pregnancy losses***	88	51	22	161
Lost to Follow-up****	140	63	14	217
<b>Deliveries</b>				
Singleton	422	157	29	608
Twin	31	10	2	43
Triplet +	1	0	0	1
Unknown	2	2	0	4
Total	456	169	31	656

IUI-Donor (Donor sperm)

	Women < 35 years	Women 35-39 years	Women ≥ 40 years	Total
Number of IUI-H cycles*	1009	477	213	1699
Pregnancies**	167	62	26	255
Pregnancy losses***	20	6	3	29
Lost to Follow-up****	31	17	6	54
<b>Deliveries</b>				
Singleton	106	36	15	157
Twin	6	2	0	8
Triplet +	0	0	0	0
Unknown	4	1	2	7
Total	116	39	17	172

\* Whether one or more inseminations were performed during the same cycle ?

If more than one insemination was performed in one cycle it counts only for one. \*\*Please use the WHO/ICMART definitions in relation to pregnancies (see module 1A)

\*\*\* Abortions and ectopic pregnancies

\*\*\*\* Lost to follow-up pregnancies are pregnancies with unknown outcome

**Module 4 (Optional) - Gestational Age by Treatment and Multiple deliveries**

**Fresh cycles (standard IVF, ICSI)**

Deliveries	Gestational age (weeks since OPU + 2)						All
	20 - 27	28 - 32	33 - 36	37 - 41	42 +	NA	
Singleton	17	75	152	1050	25	1428	2747
Twin	7	9	55	44	0	249	364
Triplet or higher	0	0	3	0	0	2	5
Unknown	0	0	1	4	1	9	15
<b>Total</b>	<b>24</b>	<b>84</b>	<b>211</b>	<b>1098</b>	<b>26</b>	<b>1688</b>	<b>3131</b>

Including PGD pregnancies with fresh transfer  
Deliveries, not babies  
NA = Not available

**Frozen embryo replacement (standard IVF, ICSI or IVF/ICSI with own oocytes)**

Deliveries	Gestational age (weeks since OPU + 2)						All
	20 - 27	28 - 32	33 - 36	37 - 41	42 +	NA	
Singleton	3	22	83	602	10	540	1260
Twin	0	10	28	24	1	31	94
Triplet or higher	0	0	0	0	0	1	1
Unknown	0	0	0	0	0	28	28
<b>Total</b>	<b>3</b>	<b>32</b>	<b>111</b>	<b>626</b>	<b>11</b>	<b>600</b>	<b>1383</b>

Including PGD pregnancies with FER  
Deliveries, not babies

**Oocyte donation (ED)**

Deliveries	Gestational age (weeks since OPU + 2)						All
	20 - 27	28 - 32	33 - 36	37 - 41	42 +	NA	
Singleton	2	1	12	61	3	82	161
Twin	0	2	9	3	0	13	27
Triplet or higher	0	0	0	0	0	0	0
Unknown	0	0	0	0	0	0	0
<b>Total</b>	<b>2</b>	<b>3</b>	<b>21</b>	<b>64</b>	<b>3</b>	<b>95</b>	<b>188</b>

Deliveries, not babies  
NA Not available

Module 5 (Optional) - Cycles performed for cross-border patients*										
Summary of cycles										
	ART									
	Woman's own oocytes, spouse's semen				Oocyte donation		Sperm donation	Other/unknown	IUI	
	IVF*	ICSI*	GIFT	PGD	Anonymous	Non anonymous	All	All	All	All
Initiated cycles	0	114	0	0	75	2	7	0	6	

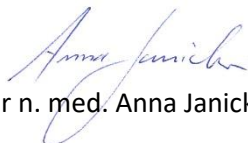
  

Countries of patients' origin and main reasons to move to an other country				
Country of origin		Cycles	Reason	Cycles
<input checked="" type="checkbox"/>	1 Germany	156	Legal	
<input checked="" type="checkbox"/>	2 Ukraine	15	Illegal technique in home country	68
<input checked="" type="checkbox"/>	3 United Kingdom	8	Illegal patients characteristics***	3
<input checked="" type="checkbox"/>	4 France	4	Access	
<input checked="" type="checkbox"/>	5 Italy	3	Treatments more expensive in home country	84
<input checked="" type="checkbox"/>	6 Others (total)	18	Distance, waiting list	0
			Quality, Previous failures	17
			Other	32

\* Patients living in a different country from the one where they had ART  
 \*\* Indicate the 5 main countries of patients' origin and give the number of cycles of each of them. Give the total number of cycles of the others  
 \*\*\*like age limitation, legal couple status, sexual orientation

Raport z dn. 31.05.2017 r.

Przygotowany przez:



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**Lista klinik biorących udział w raporcie EIM:**

1. AB OVO Sp. z o.o. NZOZ Centrum Zdrowia Rodziny  
ul. Bociania 6  
20-542 Lublin
2. ANGELIUS Szpital Angelius PROVITA  
ul. Fabryczna 13d  
40-611 Katowice
3. ARTVIMED Centrum Medycyny Rozrodu - ARTVIMED  
Spółka z o.o. Spółka komandytowa  
Ul. Legendy 3/1  
30-147 Kraków
4. BOCIAN Klinika Leczenia Niepłodności, Ginekologii i Położnictwa  
ul. Akademicka 26  
15-267 Białystok
5. CM FERTINA  
ul. Dzika 15 lok CU4  
00-172 Warszawa
6. GAMETA Szpital Rzgów  
ul. Rudzka 34/36  
95-030 Rzgów
7. GAMETA Kielce Centrum Zdrowia  
ul. Kościuszki 11  
25-310 Kielce
8. GAMETA Gdynia Centrum Zdrowia  
ul. Derdowskiego 7  
81-369 Gdynia
9. GENESIS Klinika Leczenia Niepłodności NZOZ Centrum Medyczne  
ul. Waleniowa 24  
85-435 Bydgoszcz
10. GMW-Embrio Sp. z o.o.  
ul. Obrońców Stalingradu 61  
45-594 Opole
11. GRAVIDA Sp. z o.o.  
ul. Armii Krajowej 21  
09-410 Płock
12. GRAVITA Diagnostyka i Leczenie Niepłodności  
ul. gen. Karola Kniaziewicza 20a  
91-347 Łódź



13. GYNCENTRUM Sp. z o.o. Klinika Leczenia Niepłodności i Diagnostyki Prenatalnej  
ul. Żelazna 1  
40-851 Katowice
14. INVICTA  
ul. Rajska 10  
80-850 Gdańsk
15. INVICTA  
ul. Złota 6  
00-019 Warszawa
16. INVICTA  
ul. Grabiszyńska 208  
53-235 Wrocław
17. InviMed Europejskie Centrum Macierzyństwa Gdynia  
ul. 10 Lutego 16  
81-364 Gdynia
18. InviMed Europejskie Centrum Macierzyństwa Poznań  
ul. Strzelecka 49  
61-846 Poznań
19. InviMed Europejskie Centrum Macierzyństwa Warszawa  
ul. Rakowiecka 36  
02-532 Warszawa
20. InviMed Europejskie Centrum Macierzyństwa Wrocław  
ul. Dąbrowskiego 44  
50-457 Wrocław
21. InviMed Katowice  
ul. Piotrowicka 83  
40-724, Katowice
22. MedART Ośrodek Diagnostyki i Leczenia Niepłodności  
ul. Janiny Omańkowskiej 51  
60-465 Poznań
23. NOVOMEDICA Centrum Leczenia Niepłodności  
ul. Ks. N. Bończyka 34  
41-400 Mysłowice
24. nOvum Przychodnia Lekarska  
ul. Bociania 13  
02-807 Warszawa
25. PARENS Centrum Leczenia Niepłodności  
al. 29 Listopada 155c  
31-406 Kraków

26. PARENS Rzeszów Sp. z o.o.  
ul. Podwiślocze 21  
35-309 Rzeszów
27. Uniwersyteckie Centrum Zdrowia Kobiety i Noworodka WUM  
I Klinika Położnictwa i Ginekologii Warszawskiego Uniwersytetu Medycznego  
pl. Starynkiewicza 1/3  
02-015 Warszawa
28. VitroLive Sp. z o.o. Centrum Ginekologii i Leczenia Niepłodności VitroLive  
ul. Kasprzaka 2A  
71-074 Szczecin
29. Zdrówko Klinika s.c. Iwona Adamczak, Rafał Adamczak  
ul. Aleja Adama Mickiewicza 23  
86-032 Niemcz
30. Zięba Clinic  
ul. Tadeusza Kościuszki 255A  
40-608 Katowice – Piotrowice

Do dn. 30.09.2017 r. raport został uzupełniony o dane następujących ośrodków:

31. ANTRUM, Centrum Medyczne ANTRUM Laboratorium DEMETER Stanisław Horák  
ul. Olimpijska 5  
41-902 Bytom
32. FERTIMEDICA Centrum Płodności Sp. z o.o., Sp. k.  
ul. J.P. Woronicza 31/8U  
02-640 Warszawa
33. Klinika Niepłodności i Endokrynologii Rozrodu Uniwersytet Medyczny im. Karola Marcinkowskiego w Poznaniu  
ul. Polna 33  
60-535 Poznań
34. Klinika Rozrodczości i Endokrynologii Ginekologicznej Uniwersytecki Szpital Kliniczny w Białymstoku  
ul. Marii Skłodowskiej-Curie 24a  
15-276 Białystok
35. KRIOBANK Centrum Leczenia Niepłodności Matżeńskiej  
ul. Stołeczna 11  
15-879 Białystok
36. MACIERZYŃSTWO Centrum Medyczne Sp. z o.o.  
ul. Białooprądnicka 7A  
31-221 Kraków

37. POLMEDIS POLAK sc. NZOZ  
ul. Partynicka 45  
53-031 Wrocław

38. SALVE-MEDICA Sławomir Sobkiewicz  
ul. Szparagowa 10  
91-211 Łódź

Pełny raport dostępny jest pod adresem:

<http://www.ptmrie.org.pl/sekcje-ptmrie/sekcja-lekarzy/artykuly-naukowe-czlonkow-ptmrie-publicacje-ze-swiata/prezentacja-wyniki-leczenia-nieplodnosci-raport-eim-za-2014-rok>