



Wednesday, 18 September 2019

## Data Collection 2016

### Data for Poland

#### Module 1 - Number and size of ART / IUI clinics

##### In the country

	ART clinics (units)	IUI labs*
Total number of units in the country	39	
Total number of units reporting to the National Register	0	0
Number of units included in this report	39	38

\* 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	2	6
100 - 199 cycles	5	10
200 - 499 cycles	12	12
500 - 999 cycles	8	9
≥ 1.000 cycles	12	1

\*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	Voluntary ▼
Responsibility for the register	Medical Organization ▼
Reporting methods	
Cycles	Summaries of cycles reported by the clinics ▼
Deliveries	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 by coordinator
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	
National number of infants born in the same year in the country	
Population of women aged 15-45	
Total population for the year	

\*\*\*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

## Module 2 - Details on which techniques are allowed/used/collected

	Treatment ***	Reporting requirement ****	How were the data collected?	Registration
IVF	Select ▼	Select ▼	Select ▼	<input type="checkbox"/> No
ICSI	Select ▼	Select ▼	Select ▼	<input type="checkbox"/> No
FER	Select ▼	Select ▼	Select ▼	<input type="checkbox"/> No
PGT*	Select ▼	Select ▼	Select ▼	<input type="checkbox"/> No
PGT-A**	Select ▼	Select ▼	Select ▼	<input type="checkbox"/> No
IUI-H	Select ▼	Select ▼	Select ▼	<input type="checkbox"/> No
IUI-D	Select ▼	Select ▼	Select ▼	<input type="checkbox"/> No
Ovarian tissue collection pre-pubertal for fertility preservation	Select ▼	Select ▼	Select ▼	<input type="checkbox"/> No
Ovarian tissue collection post-pubertal for fertility preservation	Select ▼	Select ▼	Select ▼	<input type="checkbox"/> No
Oocyte cryopreservation for fertility preservation	Select ▼	Select ▼	Select ▼	<input type="checkbox"/> No
Testicular tissue collection pre-pubertal for fertility preservation	Select ▼	Select ▼	Select ▼	<input type="checkbox"/> No
Testicular tissue collection post-pubertal for fertility preservation	Select ▼	Select ▼	Select ▼	<input type="checkbox"/> No
Ejaculated sperm collection for fertility preservation	Select ▼	Select ▼	Select ▼	<input type="checkbox"/> No
Epididymal sperm collection for fertility preservation	Select ▼	Select ▼	Select ▼	<input type="checkbox"/> No

\*PGT: Preimplantation Genetic Testing (replaces PGD).

\*\*PGT-A: Preimplantation Genetic testing for aneuploidy (replaces PGS).

\*\*\*Example: IVF may be allowed for heterosexual infertile couples and prohibited for single women.

\*\*\*\* Compulsory means: legal requirement. Voluntary means: no legal requirement.

### Comments

## Module 3 - 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>	PGT <sup>c</sup>		Fresh cycle	FOR	FER
	IVF <sup>a</sup>	ICSI <sup>a</sup>	Total	IVF, ICSI	Fresh	FER			
Initiated cycles <sup>e</sup>	881	16984	17865		487		374		
Aspirations <sup>e</sup>	873	16935	17808		475		361		
Thawings				11375		205		550	412
Cryopreserved all cycles, oocytes <sup>f</sup>	5	296	301		0		59		
Cryopreserved all cycles, embryos <sup>f</sup>	141	3283	3516		405		156		
Transfers	650	11695	12345	11305	25	202	139	505	441
Pregnancies, total <sup>g</sup>	250	4377	4627	4082	8	82	68	181	213
	202	2646	2848	2686	6	60	49	112	154

Deliveries <sup>h</sup>									
Pregnancies with unknown outcome	11	1259	1270	779	2	17	12	45	32

- a. In case of mixed IVF and ICSI cycles (IVF/ICSI), report them as ICSI  
b. Excluding PGT and ED (Egg donation)  
c. PGT 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	675
With surgically obtained spouse's semen	327
With mixed IVF/ICSI procedure	223

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

	Aspirations	Transfers	Pregnancies	Deliveries
IVM	33	13	4	3
	Thawings	Transfers	Pregnancies	Deliveries
FOR*	299	260	88	57

Is embryo donation allowed in your country?:  Yes  No

	Transfers*	Pregnancies	Deliveries
Embryo donation	469	168	88

\* Only own oocytes, do not concern egg donation

\* From fresh/frozen embryos transfers

#### Comments

### Module 4 - 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	482	158	134	8931	2615	1619
35 - 39	314	81	63	5951	1501	912
≥ 40	77	11	5	2053	261	115
Unknown	0	0	0	0	0	0

\* 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	6111	2416	1614	234	106	68
35 - 39	4005	1349	905	328	145	104
≥ 40	1259	317	167	523	211	143
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.

### Comments

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### Module 5 - Complications to treatments and foetal reduction

Complications with admission to hospital	Number of occurrences
Severe hyperstimulation syndrome (grade 3 +)	30
Complications to oocyte retrieval:	
Bleeding	14
Infection	3
Others	6
All	23
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

### Comments

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### Module 6 - Results by number of transferred embryos

#### All IVF and ICSI fresh cycles

	Number of transferred cleavage stage embryos / Blastocystes						Total*
	1	2	3	4	≥5	Unknown	
a. Transfer cycles with cleavage stage embryos	3180	3631	68	1	0	224	7104
b. Clinical pregnancies	887	1322	23	0	0	67	2299
c. Transfer cycles with blastocysts	2944	1772	3	0	0	522	5241
d. Clinical pregnancies	1238	853	1	0	0	236	2328
Total/all transfer cycles (a+c)	6124	5403	71	1	0	746	12345
Total/all clinical pregnancies (b+d)	2125	2175	24	0	0	303	4627
<b>Pregnancy outcome (all transfers)</b>							
Pregnancy losses**	237	241	3	0	0	28	509
Lost to Follow-up***	479	782	9	0	0	0	1270
Deliveries							
Singleton	1378	946	9	0	0	0	2333

Twin	17	174	2	0	0	0	193
Triplet +	0	2	1	0	0	0	3
Unknown	14	30	0	0	0	275	319
Total	1409	1152	12	0	0	275	2848

**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	1136	1232	37	1	0	0	2406
Clinical pregnancies	272	407	9	0	0	0	688
Transfer cycles with blastocysts	6648	1641	7	0	0	603	8899
Clinical pregnancies	2329	856	4	0	0	205	3394
Total/all transfer cycles	7784	2873	44	1	0	603	11305
Total/all clinical pregnancies	2601	1263	13	0	0	205	4082
<b>Pregnancy outcome (all transfers)</b>							
Pregnancy losses**	404	200	1	0	0	12	617
Lost to Follow-up***	443	328	8	0	0	0	779
Deliveries							
Singleton	1699	580	4	0	0	0	2283
Twin	29	145	0	0	0	0	174
Triplet +	0	1	0	0	0	0	1
Unknown	26	9	0	0	0	193	228
Total	1754	735	4	0	0	193	2686

**Egg donation (ED) and PGT\*\*\*\***

	Number of transferred embryos ED						Total ED*	PGT Total*
	1	2	3	4	≥5	unknown		
Transfer cycles with cleavage stage embryos	140	429	6	0	0	0	575	18
Clinical pregnancies	33	161	3	0	0	0	197	4
Transfer cycles with blastocysts	357	153	0	0	0	0	510	209
Clinical pregnancies	188	77	0	0	0	0	265	86
Total/all transfer cycles	497	582	6	0	0	0	1085	227
Total/all clinical pregnancies	221	238	3	0	0	0	462	90
<b>Pregnancy outcome (all transfers)</b>								
Pregnancy losses**	29	29	0	0	0	0	58	5
Lost to Follow-up***	32	54	3	0	0	0	89	19
Deliveries								
Singleton	156	121	0	0	0	0	277	59
Twin	4	33	0	0	0	0	37	7
Triplet +	0	1	0	0	0	0	1	0
Unknown	0	0	0	0	0	0	0	0
Total	160	155	0	0	0	0	315	66

\* 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 PGT transfers, with fresh and frozen embryos (both from fresh and frozen oocytes)

**Comments**

## Module 7 - Intrauterine insemination (IUI)

### IUI-Homologue (Husband semen)

	Women < 35 years	Women 35-39 years	Women ≥ 40 years	Total
Number of IUI-H cycles*	7072	3191	886	11149
Pregnancies**	827	303	57	1187
Pregnancy losses***	88	55	13	156
Lost to Follow-up****	188	80	12	280
Deliveries				
Singleton	509	157	32	698
Twin	28	10	0	38
Triplet +	3	0	0	3
Unknown	11	1	0	12
Total	551	168	32	751

### IUI-Donor (Donor sperm)

	Women < 35 years	Women 35-39 years	Women ≥ 40 years	Total
Number of IUI-H cycles*	1306	545	202	2053
Pregnancies**	234	82	22	338
Pregnancy losses***	31	17	8	56
Lost to Follow-up****	40	14	3	57
Deliveries				
Singleton	139	48	11	198
Twin	15	2	0	17
Triplet +	0	1	0	1
Unknown	9	0	0	9
Total	163	51	11	225

\* 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

### Comments

## Module 8 (Optional) - Gestational Age by Treatment and Multiple deliveries including still and live births

### Fresh cycles (standard IVF, ICSI)

Deliveries	Gestational age (weeks since OPU + 2)						
	20 - 27	28 - 32	33 - 36	37 - 41	42 +	NA	All

Singleton	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Twin	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Triplet or higher	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Unknown	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Total	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Including PGT 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)						NA	All
	20 - 27	28 - 32	33 - 36	37 - 41	42 +			
Singleton	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Twin	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Triplet or higher	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Unknown	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Total	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Including PGT pregnancies with FER  
 Deliveries, not babies  
 NA = Not available

**Oocyte donation (ED)**

Deliveries	Gestational age (weeks since OPU + 2)						NA	All
	20 - 27	28 - 32	33 - 36	37 - 41	42 +			
Singleton	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Twin	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Triplet or higher	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Unknown	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Total	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Deliveries, not babies  
 NA Not available

**Comments**

**Module 9 (Optional) - Cycles performed for cross-border patients\***

**Summary of cycles**

	ART								IUI
	Woman's own oocytes, spouse's semen				Oocyte donation		Sperm donation	Other/unknown	Sperm donation
	IVF*	ICSI*	GIFT	PGT	Anonymous	Non anonymous	All	All	All
Initiated cycles	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

**Countries of patients' origin and main reasons to move to an other country**

Country of origin	Cycles	Reason	Cycles
<input type="checkbox"/> 1 <input type="text"/>	<input type="text"/>	Legal	
<input type="checkbox"/> 2 <input type="text"/>	<input type="text"/>	Illegal technique in home country	<input type="text"/>
<input type="checkbox"/> 3 <input type="text"/>	<input type="text"/>	Illegal patients characteristics***	<input type="text"/>
<input type="checkbox"/> 4 <input type="text"/>	<input type="text"/>	Access	
<input type="checkbox"/> 5 <input type="text"/>	<input type="text"/>	Treatments more expensive in home country	<input type="text"/>

<input type="checkbox"/> 6 Others (total)	<input type="text"/>	Distance, waiting list	<input type="text"/>
		Quality, Previous failures	<input type="text"/>
		Other	<input type="text"/>

\* 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

**Comments**

**Module 10 (Optional) - Fertility preservation**

**Fertility preservation by means of**

Pre-pubertal ovarian tissue collection and cryopreservation	Post-pubertal ovarian tissue collection and cryopreservation	Oocyte cryopreservation	Pre-pubertal testicular tissue collection and cryopreservation	Post-pubertal testicular tissue collection and cryopreservation	Ejaculated sperm collection and cryopreservation	Epididymal sperm collection and cryopreservation
<b>N of interventions</b>						
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>Reason for preservation</b>						
<input type="checkbox"/> Medical	<input type="checkbox"/> Medical <input type="checkbox"/> Non-medical	<input type="checkbox"/> Medical <input type="checkbox"/> Non-medical	<input type="checkbox"/> Medical	<input type="checkbox"/> Medical <input type="checkbox"/> Non-medical	<input type="checkbox"/> Medical <input type="checkbox"/> Non-medical	<input type="checkbox"/> Medical <input type="checkbox"/> Non-medical
<b>Outcome – N stored*</b>						
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>Outcome – N used*</b>						
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>If used, type of method + number used</b>						
<input type="checkbox"/> Transplantation <input type="text"/>	<input type="checkbox"/> Transplantation <input type="text"/>	<input type="checkbox"/> ART <input type="text"/> <input type="checkbox"/> IVM+ART <input type="text"/>	<input type="checkbox"/> Transplantation <input type="text"/>	<input type="checkbox"/> ART <input type="text"/> <input type="checkbox"/> IVM+ART <input type="text"/>	<input type="checkbox"/> ART <input type="text"/> <input type="checkbox"/> IUI <input type="text"/>	<input type="checkbox"/> ART <input type="text"/>
<input type="checkbox"/> Transplantation followed by ART <input type="text"/>	<input type="checkbox"/> Transplantation followed by ART <input type="text"/>		<input type="checkbox"/> Transplantation followed by ART <input type="text"/>			
<input type="checkbox"/> IVM+ART <input type="text"/>	<input type="checkbox"/> IVM+ART <input type="text"/>		<input type="checkbox"/> IVM+ART <input type="text"/>			

\*More than one use/sample storage is possible.

**Comments**

I hereby confirm that the data contained in this visit are correct and complete