



Monday, 29 November 2021

## Data Collection 2018

### 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	45	
Total number of units reporting to the National Register	0	0
Number of units included in this report	45	42

\* 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	4	7
100 - 199 cycles	5	10
200 - 499 cycles	15	14
500 - 999 cycles	7	11
≥ 1.000 cycles	14	0

\*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	384426
National number of infants born in the same year in the country	389455
Population of women aged 15-45	7749,8
Total population for the year	38411,1

\*\*\*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	Allowed in some conditions, performed ▼	Voluntary ▼	Retrospectively ▼	<input checked="" type="checkbox"/> No
ICSI	Allowed in some conditions, performed ▼	Voluntary ▼	Retrospectively ▼	<input checked="" type="checkbox"/> No
FER	Allowed in some conditions, performed ▼	Voluntary ▼	Retrospectively ▼	<input checked="" type="checkbox"/> No
PGT*	Allowed in some conditions, performed ▼	Voluntary ▼	Retrospectively ▼	<input checked="" type="checkbox"/> No
PGT-A**	Allowed in some conditions, performed ▼	Voluntary ▼	Retrospectively ▼	<input checked="" type="checkbox"/> No
IUI-H	Allowed in some conditions, performed ▼	Voluntary ▼	Retrospectively ▼	<input checked="" type="checkbox"/> No
IUI-D	Allowed in some conditions, performed ▼	Voluntary ▼	Retrospectively ▼	<input type="checkbox"/> No
Ovarian tissue collection pre-pubertal for fertility preservation	Allowed in some conditions, performed ▼	Voluntary ▼	Retrospectively ▼	<input checked="" type="checkbox"/> No
Ovarian tissue collection post-pubertal for fertility preservation	Allowed in some conditions, performed ▼	Voluntary ▼	Retrospectively ▼	<input checked="" type="checkbox"/> No
Oocyte cryopreservation for fertility preservation	Allowed in some conditions, performed ▼	Voluntary ▼	Retrospectively ▼	<input checked="" type="checkbox"/> No
Testicular tissue collection pre-pubertal for fertility preservation	Allowed in some conditions, performed ▼	Voluntary ▼	Retrospectively ▼	<input checked="" type="checkbox"/> No
Testicular tissue collection post-pubertal for fertility preservation	Allowed in some conditions, performed ▼	Voluntary ▼	Retrospectively ▼	<input checked="" type="checkbox"/> No
Ejaculated sperm collection for fertility preservation	Allowed in some conditions, performed ▼	Voluntary ▼	Retrospectively ▼	<input checked="" type="checkbox"/> No
Epididymal sperm collection for fertility preservation	Allowed in some conditions, performed ▼	Voluntary ▼	Retrospectively ▼	<input checked="" 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

In vitro procedure - indications:  
 ≥1 year of treatment with other methods  
 <1 year in case of absolute infertility

## 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>	263	16221	16484		876		557		
Aspirations <sup>e</sup>	262	15989	16251		860		471		
Thawings				12423		669		746	685
Cryopreserved all cycles, oocytes <sup>f</sup>	1	392	393		0		77		
Cryopreserved all cycles, embryos <sup>f</sup>	66	3413	3479		813		225		
Transfers	189	9578	9767	12126	34	661	188	657	644
Pregnancies, total <sup>g</sup>	72	3605	3677	4551	17	302	79	255	273
	56	2221	2277	2865	14	245	31	169	170

Deliveries <sup>h</sup>									
Pregnancies with unknown outcome	6	964	970	1036	0	27	45	53	77

- 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	743
With surgically obtained spouse's semen	260
With mixed IVF/ICSI procedure	220

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

	Aspirations	Transfers	Pregnancies	Deliveries
IVM	7	6	3	2
	Thawings	Transfers	Pregnancies	Deliveries
FOR*	375	296	119	89

Is embryo donation allowed in your country?:  Yes  No

	Transfers*	Pregnancies	Deliveries
Embryo donation	564	224	152

- \* 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	160	49	41	7884	2131	1368
35 - 39	81	21	15	5702	1202	722
≥ 40	21	2	0	2403	272	131
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	5941	2403	1573	245	101	58
35 - 39	4737	1684	1059	435	192	129
≥ 40	1734	460	233	809	314	183
Unknown	11	4	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

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

Complications with admission to hospital	Number of occurrences
Severe hyperstimulation syndrome (grade 3 +)	33
Complications to oocyte retrieval:	
Bleeding	29
Infection	0
Others	1
All	30
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

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

#### All IVF and ICSI fresh cycles

	Number of transferred cleavage stage embryos / Blastocystes						
	1	2	3	4	≥5	Unknown	Total*
a. Transfer cycles with cleavage stage embryos	2837	2166	27	1	0	144	5175
b. Clinical pregnancies	801	819	8	0	0	57	1685
c. Transfer cycles with blastocysts	3037	1275	3	0	0	277	4592
d. Clinical pregnancies	1237	621	0	0	0	134	1992
Total/all transfer cycles (a+c)	5874	3441	30	1	0	421	9767
Total/all clinical pregnancies (b+d)	2038	1440	8	0	0	191	3677
<b>Pregnancy outcome (all transfers)</b>							
Pregnancy losses**	259	147	4	0	0	20	430
Lost to Follow-up***	505	464	1	0	0	0	970
Deliveries							
Singleton	1237	659	1	0	0	156	2053

Twin	16	145	2	0	0	15	178
Triplet +	0	1	0	0	0	0	1
Unknown	21	24	0	0	0	0	45
Total	1274	829	3	0	0	171	2277

**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	2050	1095	3	0	0	0	3148
Clinical pregnancies	558	397	1	0	0	0	956
Transfer cycles with blastocysts	7372	1605	1	0	0	0	8978
Clinical pregnancies	2821	773	1	0	0	0	3595
Total/all transfer cycles	9422	2700	4	0	0	0	12126
Total/all clinical pregnancies	3379	1170	2	0	0	0	4551
<b>Pregnancy outcome (all transfers)</b>							
Pregnancy losses**	498	152	0	0	0	0	650
Lost to Follow-up***	687	348	1	0	0	0	1036
Deliveries							
Singleton	2140	519	1	0	0	0	2660
Twin	27	135	0	0	0	0	162
Triplet +	0	1	0	0	0	0	1
Unknown	27	15	0	0	0	0	42
Total	2194	670	1	0	0	0	2865

**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	293	472	2	0	0	0	767	27
Clinical pregnancies	88	201	0	0	0	0	289	9
Transfer cycles with blastocysts	510	212	0	0	0	0	722	668
Clinical pregnancies	212	106	0	0	0	0	318	310
Total/all transfer cycles	803	684	2	0	0	0	1489	695
Total/all clinical pregnancies	300	307	0	0	0	0	607	319
<b>Pregnancy outcome (all transfers)</b>								
Pregnancy losses**	28	34	0	0	0	0	62	33
Lost to Follow-up***	76	99	0	0	0	0	175	27
Deliveries								
Singleton	193	124	0	0	0	0	317	250
Twin	3	50	0	0	0	0	53	9
Triplet +	0	0	0	0	0	0	0	0
Unknown	0	0	0	0	0	0	0	0
Total	196	174	0	0	0	0	370	259

\* 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**



Singleton	59	165	275	1077	108	417	2101
Twin	5	26	76	40	7	24	178
Triplet or higher	0	0	0	0	0	1	1
Unknown	0	0	0	0	0	35	35
Total	64	191	351	1117	115	477	2315

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)						All
	20 - 27	28 - 32	33 - 36	37 - 41	42 +	NA	
Singleton	82	149	290	1700	126	549	2896
Twin	4	16	75	48	3	24	170
Triplet or higher	0	0	0	1	0	0	1
Unknown	0	0	0	0	0	42	42
Total	86	165	365	1749	129	615	3109

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

**Oocyte donation (ED)**

Deliveries	Gestational age (weeks since OPU + 2)						All
	20 - 27	28 - 32	33 - 36	37 - 41	42 +	NA	
Singleton	2	12	47	115	39	102	317
Twin	2	1	17	19	3	11	53
Triplet or higher	0	0	0	0	0	0	0
Unknown	0	0	0	0	0	0	0
Total	4	13	64	134	42	113	370

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	0	169	0	0	145	0	11	0	9

**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	152	Legal	
<input checked="" type="checkbox"/> 2 Sweden	43	Illegal technique in home country	41
<input checked="" type="checkbox"/> 3 UK	41	Illegal patients characteristics***	
<input checked="" type="checkbox"/> 4 Belarus	23	Access	
<input checked="" type="checkbox"/> 5 Russia	11	Treatments more expensive in home country	181

<input checked="" type="checkbox"/> 6 Others (total)	<input type="text" value="64"/>	Distance, waiting list	<input type="text" value="5"/>
		Quality, Previous failures	<input type="text" value="66"/>
		Other	<input type="text" value="41"/>

\* 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" value="12"/>	<input type="text" value="578"/>	<input type="text"/>	<input type="text" value="203"/>	<input type="text" value="1272"/>	<input type="text" value="67"/>
<b>Reason for preservation</b>						
<input type="checkbox"/> Medical	<input checked="" type="checkbox"/> Medical <input type="checkbox"/> Non-medical	<input checked="" type="checkbox"/> Medical <input type="checkbox"/> Non-medical	<input type="checkbox"/> Medical	<input checked="" type="checkbox"/> Medical <input type="checkbox"/> Non-medical	<input checked="" type="checkbox"/> Medical <input checked="" type="checkbox"/> Non-medical	<input checked="" type="checkbox"/> Medical <input type="checkbox"/> Non-medical
<b>Outcome – N stored*</b>						
<input type="text"/>	<input type="text" value="38"/>	<input type="text" value="3156"/>	<input type="text"/>	<input type="text" value="1055"/>	<input type="text" value="4007"/>	<input type="text" value="163"/>
<b>Outcome – N used*</b>						
<input type="text"/>	<input type="text" value="2"/>	<input type="text" value="732"/>	<input type="text"/>	<input type="text" value="256"/>	<input type="text" value="3902"/>	<input type="text" value="71"/>
<b>If used, type of method + number used</b>						
<input type="checkbox"/> Transplantation <input type="text"/>	<input checked="" type="checkbox"/> Transplantation <input type="text" value="1"/>		<input type="checkbox"/> Transplantation <input type="text"/>			
<input type="checkbox"/> Transplantation followed by ART <input type="text"/>	<input checked="" type="checkbox"/> Transplantation followed by ART <input type="text" value="1"/>	<input checked="" type="checkbox"/> ART <input type="text" value="725"/>	<input type="checkbox"/> Transplantation followed by ART <input type="text"/>	<input checked="" type="checkbox"/> ART <input type="text" value="256"/>	<input checked="" type="checkbox"/> ART <input type="text" value="346"/>	<input checked="" type="checkbox"/> ART <input type="text" value="71"/>
<input type="checkbox"/> IVM+ART <input type="text"/>	<input type="checkbox"/> IVM+ART <input type="text"/>	<input checked="" type="checkbox"/> IVM+ART <input type="text" value="3"/>	<input type="checkbox"/> IVM+ART <input type="text"/>	<input type="checkbox"/> IVM+ART <input type="text"/>	<input checked="" type="checkbox"/> IUI <input type="text" value="154"/>	

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

**Comments**

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