



# EUROCET

*European network of Competent  
Authorities for tissues and cells*

## Report 2021

# Summary of MAR activities Year 2020



**Last update - 31/12/2021**

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## European Network of Competent Authorities for Tissues and Cells

### Report 2021

This document has been produced by EURO CET with the data collected by Competent Authorities for Medical Assisted Reproduction (MAR) from **17** European Member States (EU MS), and **4** Extra EU countries. (*Appendix I*)

The following report shows calculations regarding the whole donation-processing-distribution-transplantation process in the field of MAR for the **year 2020** (only for **Spain and Switzerland** the reference year is **2019**)

The collection of MAR data has significantly changed from the past ones.

The MAR data is now divided into seven sections: one for collecting data on **partner donation** performed through **IUI and IVF/ICSI**; one on **non-partner donation** activities using **sperm** or **oocytes** or **embryos/zygotes**; one on **non-partner sperm donation** performed through **IUI, IVF/ICSI**, one on **non-partner oocyte donation** performed through **IVF/ICSI**, one on **non-partner oocyte and sperm donation** performed through **IVF/ICSI**, one on **preservation of reproductive capacity (for social and medical reasons)** and a last one on **distribution and exchange of non-partner gametes/embryos (commercialisation)** using **sperm, oocytes** and **embryos/zygotes**.

The data requested is focused only on donation, leaving out procedures such as FET and all data on results.

The glossary (Appendix II) has been updated with definitions from both the “EU directive 24/2003 of the European Parliament and of the Council of 31 March 2004 on setting standards of quality and safety for the donation, procurement, testing, processing, preservation, storage and distribution of human tissues and cells” and the “Guide to the quality and safety of tissues and cells for human application, 3rd Edition, 2017” by the Council of Europe.

**Eurocet Team**

**Italian National Transplant Centre**

*For a correct interpretation of the values in the tables, please take into account the following legenda:*

**NA (Not Available):** The requested activity is present in the country but the Competent Authority does not collect the data yet.

**NE (Not Existing):** the Competent Authority is present in the country but there is not the requested activity.

**Blank field:** the Competent Authority did not provide any kind of data for this field.

## MAR with partner donation

Partner donation - IUI		
COUNTRY	Year	N° of couples treated
AT	2020	
BE	2020	
BG	2020	2.759
CH	2019	NA
CY	2020	
CZ	2020	NA
DE	2020	
DK	2020	3.822
EE	2020	
ES	2019	11.390
FI	2020	
FR	2020	
GR	2020	
HR	2020	792
HU	2020	2.555
IE	2020	
IS	2020	
IT	2020	
LT	2020	267
LU	2020	278
LV	2020	137
MD	2020	154
MK	2020	
MT	2020	
NL	2020	10.017
NO	2020	276
PL	2020	
PT	2020	
RO	2020	
SE	2020	173
SI	2020	
SK	2020	1.911
TR	2020	
UK	2020	NA

### Partner donation - IVF/ICSI

COUNTRY	Year	N° of couples treated	N° of oocytes retrievals	N° of oocyte cryopreservation procedures	N° of sperm cryopreservation procedures	N° of embryos cryopreservation procedures	N° of embryos (or zygotes) transfers (ET) (fresh and frozen)
AT	2020		10.593				
BE	2020						
BG	2020	7.318	10.466	510	1.542	4.767	7.439
CH	2019	5.778	46.869	377	730	10.701	7.727
CY	2020						
CZ	2020	9.270	11.078	28	NA	5.482	7.633
DE	2020						
DK	2020	3.604	9.907	69	NA	2.105	10.056
EE	2020						2.221
ES	2019	41.615	49.458	6.352	NA	29.225	54.408
FI	2020						5.773
FR	2020						
GR	2020						
HR	2020	3.543	4.644	60	136	1.554	5.199
HU	2020	8.227	11.113	66	607	4.770	9.017
IE	2020						
IS	2020						
IT	2020						
LT	2020	925	607	7	12	358	1.034
LU	2020	385	445	3	0	229	668
LV	2020	1.162	1.307	7	0	900	1.359
MD	2020	1.041	1.113	13	291	564	1.177
MK	2020						
MT	2020						
NL	2020	11.921	NA	NA	NA	NA	21.869
NO	2020	5.067	5.842	26	83	3.088	8.224
PL	2020						
PT	2020						
RO	2020						
SE	2020	9.204	10.382	7.927	8.440	15.545	15.250
SI	2020						
SK	2020	3.588	3.718	56	666	2.402	6.267
TR	2020						
UK	2020	29.692	33.017	2.473	NA	18.049	19.374

## Partner donation - TOTAL

COUNTRY	Year	N° of couples treated	N° of oocyte retrievals	N° of oocyte cryopreservation procedures	N° of sperm cryopreservation procedures	N° of embryos cryopreservation procedures	N° of embryos (or zygotes) transfers (ET) (fresh and frozen)
AT	2020		10.593				
BE	2020						
BG	2020	10.077	10.466	510	1.542	4.767	7.439
CH	2019	5.778	46.869	377	730	10.701	7.727
CY	2020						
CZ	2020	9.270	11.078	28	NA	5.482	7.633
DE	2020		601.966				
DK	2020	6.799	9.907	69	NA	2.105	10.056
EE	2020						2.221
ES	2019	53.005	49.458	6.352	NA	29.225	54.408
FI	2020	5.608					5.773
FR	2020						
GR	2020						
HR	2020	4.335	4.644	60	136	1.554	5.199
HU	2020	10.782	11.113	66	607	4.770	9.017
IE	2020						
IS	2020						
IT	2020						
LT	2020	1.192	607	7	12	358	1.034
LU	2020	663	445	3	0	229	668
LV	2020	1.299	1.310	10	10	900	1.460
MD	2020	1.195	1.113	13	291	564	1.177
MK	2020						
MT	2020						
NL	2020	21.938	NA	NA	NA	NA	21.869
NO	2020	5.343	6.229	26	83	3.088	8.224
PL	2020						
PT	2020						
RO	2020						
SE	2020	9.377	10.382	7.927	8.440	15.545	15.250
SI	2020						
SK	2020	5.499	3.718	56	666	2.402	6.267
TR	2020						
UK	2020	29.692	33.017	2.473	NA	18.049	19.374

## Non partner donation activities

Non Partner Donation Activities - SPERM			
COUNTRY	Year	N° of donors (with actual donation)	N° of donations (sperm collection)
AT	2020	150	
BE	2020		
BG	2020	101	431
CH	2019	290	NA
CY	2020		
CZ	2020	NA	NA
DE*	2020		138.800
DK	2020	1.095	25.388
EE	2020	44	
ES	2019	NA	NA
FI	2020	97	756
FR	2020		
GR	2020		
HR	2020	0	0
HU	2020	210	382
IE	2020		
IS	2020		
IT	2020		
LT	2020	0	0
LU	2020	NE	NE
LV	2020	23	67
MD	2020	2	5
MK	2020		
MT	2020		
NL	2020	NA	6.922
NO	2020	70	251
PL	2020		
PT	2020		
RO	2020		
SE	2020	987	2.749
SI	2020		
SK	2020	94	234
TR	2020		
UK	2020	NA	NA

\*Partner and Non-partner sperm donation

<b>Non Partner Donation Activities - OOCYTES</b>			
<b>COUNTRY</b>	<b>Year</b>	<b>N° of donors (with actual donation)</b>	<b>N° of donations (oocytes collection)</b>
AT	2020	41	
BE	2020		
BG	2020	371	437
CH	2019	0	0
CY	2020		
CZ	2020	NA	NA
DE	2020	NE	NE
DK	2020	520	808
EE	2020	141	
ES	2019	10.701	22.686
FI	2020	386	478
FR	2020		
GR	2020		
HR	2020	0	0
HU	2020	27	46
IE	2020		
IS	2020		
IT	2020		
LT	2020	0	0
LU	2020	NE	NE
LV	2020	126	158
MD	2020	9	9
MK	2020		
MT	2020		
NL	2020	NA	1.842
NO	2020	0	0
PL	2020		
PT	2020		
RO	2020		
SE	2020	318	532
SI	2020		
SK	2020	232	256
TR	2020		
UK	2020	1.149	1.225

### Non Partner Donation Activities - EMBRYOS/ZYGOTES

COUNTRY	Year	N° of donation (sperm/oocytes collection)
AT	2020	
BE	2020	
BG	2020	0
CH	2019	0
CY	2020	
CZ	2020	NA
DE	2020	NE
DK	2020	NE
EE	2020	
ES	2019	2.729
FI	2020	88
FR	2020	
GR	2020	
HR	2020	0
HU	2020	39
IE	2020	
IS	2020	
IT	2020	
LT	2020	0
LU	2020	NE
LV	2020	33
MD	2020	
MK	2020	
MT	2020	
NL	2020	390
NO	2020	0
PL	2020	
PT	2020	
RO	2020	
SE	2020	NE
SI	2020	
SK	2020	172
TR	2020	
UK	2020	45



## MAR with non partner SPERM donation

Non Partner SPERM Donation - IUI		
COUNTRY	Year	N° of treatment cycles with sperm donation
AT	2020	504
BE	2020	
BG	2020	469
CH	2019	NA
CY	2020	
CZ	2020	NA
DE	2020	
DK	2020	6.259
EE	2020	130
ES	2019	14.564
FI	2020	1.198
FR	2020	
GR	2020	
HR	2020	0
HU	2020	139
IE	2020	
IS	2020	
IT	2020	
LT	2020	10
LU	2020	109
LV	2020	88
MD	2020	15
MK	2020	
MT	2020	
NL	2020	8.674
NO	2020	911
PL	2020	
PT	2020	
RO	2020	
SE	2020	945
SI	2020	
SK	2020	69
TR	2020	
UK	2020	5.099

<b>Non Partner SPERM Donation - IVF/ICSI</b>				
<b>COUNTRY</b>	<b>Year</b>	<b>N° of treatment cycles with sperm donation</b>	<b>N° of embryo or zygote transfers (ET)(fresh and frozen/cryo)</b>	<b>N° of frozen embryos/zygotes</b>
AT	2020	544		989
BE	2020			
BG	2020	620	459	709
CH	2019	215	169	328
CY	2020			
CZ	2020	647	505	1.183
DE	2020			
DK	2020	1.656	3.226	1.430
EE	2020	128	198	267
ES	2019	NA	13.612	NA
FI	2020		753	
FR	2020			
GR	2020			
HR	2020	0	0	0
HU	2020	435	363	494
IE	2020			
IS	2020			
IT	2020			
LT	2020	8	11	16
LU	2020	46	67	73
LV	2020	122	132	250
MD	2020	4	4	2
MK	2020			
MT	2020			
NL	2020	NA	1.864	1.658
NO	2020	610	812	734
PL	2020			
PT	2020			
RO	2020			
SE	2020	1.634	1.699	2.282
SI	2020			
SK	2020	138	184	307
TR	2020			
UK	2020	5.564	4.222	2.480

## Non Partner SPERM Donation - TOTAL

COUNTRY	Year	N° of treatment cycles with sperm donation	N° of embryo or zygote transfers (ET)(fresh and frozen/cryo)	N° of frozen embryos/zygotes
AT	2020	1.048		989
BE	2020			
BG	2020	1.089	459	709
CH	2019	215	168	328
CY	2020			
CZ	2020	647	505	1.183
DE	2020			
DK	2020	7.915	3.226	1.430
EE	2020	258	198	267
ES	2019	13.564	13.612	NA
FI	2020		753	
FR	2020			
GR	2020			
HR	2020	0	0	0
HU	2020	574	363	494
IE	2020			
IS	2020			
IT	2020			
LT	2020	18	11	16
LU	2020	155	67	73
LV	2020	210	132	250
MD	2020	19	4	2
MK	2020			
MT	2020			
NL	2020	8.674	1.864	1.658
NO	2020	1.521	812	734
PL	2020			
PT	2020			
RO	2020			
SE	2020	2.579	1.699	2.282
SI	2020			
SK	2020	207	184	307
TR	2020			
UK	2020	10.663	4.222	2.480

## MAR with non partner OOCYTE donation

Non Partner OOCYTE Donation - IVF/ICSI				
COUNTRY	Year	N° of treatment cycles with oocyte donation	N° of embryo or zygote transfers (ET)(fresh and frozen/cryo)	N° of frozen embryos/zygotes
AT	2020	108		203
BE	2020			
BG	2020	836	950	2.355
CH	2019	NA	NA	NA
CY	2020			
CZ	2020	4.039	3.299	10.860
DE	2020	NE	NE	NE
DK	2020	884	401	1.271
EE	2020	92	153	193
ES	2019	43.555	35.674	44.670
FI	2020		885	
FR	2020			
GR	2020			
HR	2020	0	0	0
HU	2020	54	75	124
IE	2020			
IS	2020			
IT	2020			
LT	2020	1	1	2
LU	2020	NE	NE	NE
LV	2020	169	288	474
MD	2020	11	9	10
MK	2020			
MT	2020			
NL	2020	NA	195	205
NO	2020	0	0	0
PL	2020			
PT	2020			
RO	2020			
SE	2020	335	337	1.017
SI	2020			
SK	2020	312	417	890
TR	2020			
UK	2020	2.822	2.309	1.460

## MAR with non partner OOCYTE and SPERM donation

<b>Non Partner OOCYTES AND SPERM Donation - IVF/ICSI</b>				
COUNTRY	Year	N° of treatment cycles with embryo donation	N° of embryo or zygote transfers (ET) (fresh and frozen/cryo)	N° of frozen embryos/zygotes
AT	2020	5		7
BE	2020			
BG	2020	147	132	321
CH	2019	NA	NA	NA
CY	2020			
CZ	2020	967	889	489
DE	2020	NE	NE	NE
DK	2020	NA	NA	NA
EE	2020	23	30	60
ES	2019	NA	NA	NA
FI	2020		245	
FR	2020			
GR	2020			
HR	2020	0	0	0
HU	2020	23	33	25
IE	2020			
IS	2020			
IT	2020			
LT	2020	0	0	0
LU	2020	NE	NE	NE
LV	2020	49	78	122
MD	2020	0	0	0
MK	2020			
MT	2020			
NL	2020	NA	117	280
NO	2020	0	0	0
PL	2020			
PT	2020			
RO	2020			
SE	2020	NE	NE	NE
SI	2020			
SK	2020	74	101	115
TR	2020			
UK	2020	1.388	1.194	898

**Distribution and exchange of NON-PARTNER GAMETES/EMBRYOS**

<b>Distribution and exchange of NON PARTNER - SPERM</b>							
<b>COUNTRY</b>	<b>Year</b>	<b>N° of sperm straws distributed TO a foreign country</b>	<b>Inside the EU</b>	<b>Outside the EU</b>	<b>N° of sperm straws received FROM a foreign country</b>	<b>Inside the EU</b>	<b>Outside the EU</b>
AT	2020	5	5	0	400	399	1
BE	2020						
BG	2020	5	0	5	426	426	0
CH	2019	NA	NA	NA	NA	NA	NA
CY	2020						
CZ	2020	NA	NA	NA	NA	NA	NA
DE*	2020	1.576	1.145	431	3.202	3.201	1
DK	2020	NA	NA	NA	NA	NA	NA
EE	2020	0	0	0	94	94	0
ES	2019	NA	NA	NA	NA	NA	NA
FI	2020	0	0	0	712	712	0
FR	2020						
GR	2020						
HR	2020	0	0	0	0	0	0
HU	2020	20	20	0	319	305	14
IE	2020						
IS	2020						
IT	2020						
LT	2020	0	0	0	0	0	0
LU	2020	43	43	0	159	207	0
LV	2020	0	0	0	115	115	0
MD	2020	NE	NE	NE	NE	NE	NE
MK	2020						
MT	2020						
NL	2020	2.322	2.322	0	3.862	3.862	0
NO	2020	0	0	0	1.748	1.748	0
PL	2020						
PT	2020						
RO	2020						
SE	2020	27	27	0	1.958	1.202	756
SI	2020						
SK	2020	18	18	0	84	69	15
TR	2020						
UK	2020	4.477	4.346	131	8.149	4.376	3.773

## Distribution and exchange of NON PARTNER - OOCYTES

COUNTRY	Year	N° of oocytes distributed TO a foreign country	Inside the EU	Outside the EU	N° of oocytes received FROM a foreign country	Inside the EU	Outside the EU
AT	2020	0	0	0	121	92	29
BE	2020						
BG	2020	377	377	0	824	582	242
CH	2019	NA	NA	NA	NA	NA	NA
CY	2020						
CZ	2020	NA	NA	NA	NA	NA	NA
DE	2020	NE	NE	NE	NE	NE	NE
DK	2020	NA	NA	NA	NA	NA	NA
EE	2020	648	648	0	4	4	0
ES	2019	NA	NA	NA	NA	NA	NA
FI	2020	0	0	0	0	0	0
FR	2020						
GR	2020						
HR	2020	0	0	0	0	0	0
HU	2020	0	0	0	0	0	0
IE	2020						
IS	2020						
IT	2020						
LT	2020	0	0	0	0	0	0
LU	2020	0	0	0	0	0	0
LV	2020	0	0	0	0	0	0
MD	2020	NE	NE	NE	NE	NE	NE
MK	2020						
MT	2020						
NL	2020	0	0	0	0	0	0
NO	2020	0	0	0	0	0	0
PL	2020						
PT	2020						
RO	2020						
SE	2020	0	0	0	258	258	0
SI	2020						
SK	2020	120	120	0	0	0	0
TR	2020						
UK	2020	211	86	125	224	119	105

### Non Partner Donation Activities - EMBRYOS/ZYGOTES

COUNTRY	Year	N° of embryos/zygotes distributed TO a foreign country	Inside the EU	Outside the EU	N° of embryos/zygotes received FROM a foreign country	Inside the EU	Outside the EU
AT	2020	0	0	0	30	30	0
BE	2020						
BG	2020	0	0	0	3	3	0
CH	2019	NA	NA	NA	NA	NA	NA
CY	2020						
CZ	2020	NA	NA	NA	NA	NA	NA
DE	2020	NE	NE	NE	NE	NE	NE
DK	2020	NA	NA	NA	NA	NA	NA
EE	2020	13	0	13	14	14	0
ES	2019	NA	NA	NA	NA	NA	NA
FI	2020	0	0	0	0	0	0
FR	2020						
GR	2020						
HR	2020	0	0	0	0	0	0
HU	2020	0	0	4	4	4	0
IE	2020						
IS	2020						
IT	2020						
LT	2020	0	0	0	0	0	0
LU	2020	0	0	0	0	0	0
LV	2020	10	10	0	8	8	0
MD	2020	NE	NE	NE	NE	NE	NE
MK	2020						
MT	2020						
NL	2020	4	4	0	20	20	0
NO	2020	0	0	0	0	0	0
PL	2020						
PT	2020						
RO	2020						
SE	2020	4	4	0	0	0	0
SI	2020						
SK	2020	27	27	0	89	89	0
TR	2020						
UK	2020	165	165	235	71	30	41



## Preservation of reproductive capacity

COUNTRY	Year	N° of oocyte cryopreservation procedures	N° of sperm cryopreservation procedures	N° of patients with ovarian tissue collected	N° of patients with testicular tissue collected
AT	2020			22	236
BE	2020				
BG	2020	218	308	0	0
CH	2019	NA	NA	1.390	4.972
CY	2020				
CZ	2020	NA	NA	NA	NA
DE	2020				
DK	2020	69	NA	NA	NA
EE	2020			NE	NE
ES	2019	5.763	1.470	25	94
FI	2020				
FR	2020				
GR	2020				
HR	2020	25	225	1	70
HU	2020	57	537	6	47
IE	2020				
IS	2020				
IT	2020				
LT	2020	5	47	1	0
LU	2020	1	111	0	0
LV	2020	21	68	0	5
MD	2020	0	2	0	0
MK	2020				
MT	2020				
NL	2020	NA	NA	497	5
NO	2020	63	638	10	14
PL	2020				
PT	2020				
RO	2020				
SE	2020	NA	NA	22	40
SI	2020				
SK	2020	72	783	0	26
TR	2020				
UK	2020	NA	NA	NA	NA

## European Network of Competent Authorities for Tissues and Cells

### Appendix I

#### List of countries and Competent Authorities providing data for 2020 (2019\*)

✓ <b>Austria</b> BASG - Bundesamt für Sicherheit im Gesundheitswesen - Federal Office for Safety in Health Care
Belgium
✓ <b>Bulgaria</b> Изпълнителна агенция Медицински надзорБългарски (IAMN) (Executive Agency Medical Supervision)
✓ <b>Croatia</b> Ministarstvo zdravstva Zavod za transplantaciju i biomedicine Služba za transplantaciju (Ministry of Health and Social Welfare)
Cyprus
✓ <b>Czech Republic</b> Ministerstvo zdravotnictví České republiky (MZCR) (Ministry of Health of the Czech Republic)
✓ <b>Denmark</b> Styrelsen for patientsikkerhed (STPS) (Danish Patient Safety Authority)
✓ <b>Estonia</b> Ravimiamet (Republic of Estonia Agency of Medicines)
✓ <b>Finland</b> Lääkealan turvallisuus- ja kehittämiskeskus (FIMEA) (Finnish Medicines Agency)
France
✓ <b>Germany</b> Paul-Ehrlich-Institut (PEI) (Division of Medical Biotechnology)
Greece
✓ <b>Hungary</b> Egészségügyi Minőségfejlesztési és Kórháztechnikai Intézet (EMKI) (Institute for Healthcare Quality Improvement and Hospital Engineering)
Iceland
Ireland
Italy
✓ <b>Latvia</b> Zāļu Valsts Aģentūra (ZVA) (Latvian State Agency of Medicines)

## European Network of Competent Authorities for Tissues and Cells

✓ **Lithuania**

Lietuvos Respublikos Sveikatos Apsaugos Ministerija - Šeimos sveikatos skyrius (SAM) (Health Care Ministry - Family Health Division)

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✓ **Luxembourg**

Ministère de la Santé – Direction de la Santé (MS-EATAT) (Ministry of Health)

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Macedonia

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Malta

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✓ **Moldova**

Agenția de Transplant (MD) (The Transplant Agency)

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✓ **Netherlands**

Ministerie van Volksgezondheid, Welzijn en Sport (MINVWS) (Minister of Health, Welfare and Sport)

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✓ **Norway**

Helsedirektoratet (HDIR) (The Directorate for Health)

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Poland

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Portugal

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✓ **Romania**

Agentia Națională de Transplant (ANT) (National Transplant Agency)

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✓ **Slovakia**

Ministerstvo zdravotníctva Slovenskej republiky (NTO)(National Transplant Organisation)

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Slovenia

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✓ **Spain \***

Ministerio de Sanidad, Servicios Sociales e Igualdad (Ministry of Health, Social Services and Equity)

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✓ **Sweden**

Health and Social Care Inspectorate (IVO)

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✓ **Switzerland \***

Bundesamt für Gesundheit - Sektion Transplantation und Fortpflanzungsmedizin/ Office fédéral de la santé publique - Section Transplantation et Procréation Médicalement assistée (FOPH/BAG) (Federal Office for Public Health – Sub-Division Transplantation and Reproductive Medicine)

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Turkey

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✓ **United Kingdom**

Human Fertilisation and Embryology Authority (HFEA)

# European Network of Competent Authorities for Tissues and Cells

## Appendix II

### Glossary

#### —■ A

**Actual donation:** A donation in which the donated tissue or cells are considered acceptable for human application after all screening and quarantine procedures.

#### —■ C

**Collection:** A process by which tissue or cells are made available.

**Couples treated:** All couples that initiated a treatment cycle

**Cryopreservation:** The process of slow freezing or vitrification to preserve biological material (e.g. gametes, zygotes, cleavage-stage embryos, blastocysts or gonadal tissue) at extreme low temperature

**Competent Authority (or Health Authority/Regulatory Authority/Regulatory Agency):** the body which has been delegated with the responsibility for ensuring that tissue and cell donation, banking and human application are appropriately promoted, regulated and monitored in the interests of donor and patient safety and public transparency on a national or regional basis by their government.

#### —■ D

**Donation:** means donating human tissues or cells intended for human applications.

**Donor:** An individual, living or deceased, who is a source of tissue, cells or embryos for human application and for other purpose including reasearch, from whom tissue, cells and/or embryos have been retrieved

**Distribution:** Transportation and delivery of tissues, cells and/or embryos to an organization responsible for human application in the EU

#### —■ E

**Embryo:** The biological organism resulting from the development of the zygote, until eight completed weeks after fertilization, equivalent to 10 weeks of gestational age.

**Embryo donation:** The process by which a woman (or couple) donate embryos to enable another woman (or couple) to conceive.

**Embryo Transfer (ET):** Placement into the uterus of an embryo at any embryonic stage from day 1 to day 7 after IVF or ICSI. Embryos from day 1 to day three can also be transferred into the Fallopian tube

#### —■ F

**Fresh Embryo:** An embryo at any embryonic stage from day 1 to day 7 after IVF or ICSI, in the absence of cryopreservation.

**Frozen Embryo:** A cryopreserved embryo at any embryonic stage from day 1 to day 7 after IVF or ICSI.

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**Frozen Tissue:** A cryopreserved tissue.

### — ■ H

**Human Application:** The use of tissues or cells on or in a human recipient.

**Human tissues and cells for human application:** Material containing or consisting of human tissues and/or cells intended for implantation, transplantation, infusion, or transfer into a human recipient.

### — ■ I

**Intracytoplasmic sperm injection (ICSI):** A procedure in which a single spermatozoon is injected into the oocyte cytoplasm.

**In Vitro Fertilisation (IVF):** Medically assisted reproduction procedure that involves extracorporeal fertilization. It includes in vitro insemination and intracytoplasmic sperm injection.

**Intra Uterine Insemination (IUI):** A procedure in which laboratory processed sperm are placed in the uterus to attempt a pregnancy.

### — ■ M

**Medically assisted reproduction (MAR):** Reproduction brought about through various interventions that includes in vitro handling of both human oocytes and sperm, or of embryos, for the purpose of treating different forms of fertility impairment and infertility. These include, but are not limited to, ovulation induction, ovarian stimulation, ovulation triggering, intra-uterine, intracervical and intravaginal insemination with semen of husband/partner or donor, in vitro fertilization, embryo transfer and intracytoplasmic sperm injection.

### — ■ N

**Non Partner donation:** Donation of reproductive cells between a man and a woman who do not have an intimate physical relationship; also called 'third party donation'.

### — ■ O

**Oocyte:** The female gamete (egg).

**Ovarian tissue:** Tissue surgically excised from the ovary with the intention of preserving reproductive capacity.

### — ■ P

**Partner donation:** Donation of reproductive cells between a man and a woman who declare that they have an intimate physical relationship.

**Procurement:** means a process by which tissue or cells are made available;

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### —■ R

**Retrieval or Recovery:** see Procurement

### —■ S

**Sperm:** The male gamete cell. Here used as the ensemble of all spermatozoa in the ejaculate.

**Straw:** Small storage device used for the cryogenic storage.

### —■ T

**Tissue:** All constituent parts of the human body formed by cells.

**Tissue Establishment:** A tissue bank or a unit of a hospital or another body where activities of processing, preservation, storage or distribution of human tissues and cells are undertaken. It may also be responsible for procurement and/or testing of tissues and cells.

**Tissue donation (effective):** When tissue intended for human application is retrieved from a human body.

**Testicular tissue:** Tissue surgically excised from the testis with the intention of preserving reproductive capacity.

**Transplantation/implantation/grafting:** Transfer (engraftment) of human tissues or cells from a donor to a recipient with the aim of restoring function(s) in the body.

**Treatment cycle:** A 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 insemination is performed, 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.

### —■ U

**Unique donation number:** The unique number attributed to a specific donation of tissues and cells in line with the system in place in each Member State for allocating such numbers, as further specified in Annex VII to Commission Directive (EU) 2015/565.

### —■ Z

**Zygote:** A single cell resulting from fertilization of a mature oocyte by a spermatozoon and before completion of the first mitotic division.