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Main Programme

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Tuesday 16 June 2015

Coimbra

11:45 - 12:45 Session 36: European and global ART monitoring session
Anna Pia Ferraretti, Italy
Thomas D'Hooghe, Belgium

11:45 - 12:15 Assisted Reproductive Technology (ART) in Europe 2012. Preliminary results generated from European registers by ESHRE
Markus S. Kupka, Germany

12:15 - 12:30 ICMART World Report 2011
David Adamson, U.S.A.

12:30 - 12:45 Update on revisions to the ICMART/WHO glossary
Jacques De Mouzon, France

Assisted Reproductive Technology (ART) in Europe 2012

**Preliminary results generated from
European registers by ESHRE**

European IVF Monitoring (EIM),
a consortium of representatives from National Registers

Markus S. Kupka, Germany (Chair)
Anna Pia Ferraretti, Italy (Past-Chair)
Thomas D'Hooghe, Belgium
Carlos Calhaz-Jorge, Portugal
José Antonio Castilla Alcalá, Spain
Christian de Geyter, Switzerland
Karin Erb, Denmark
Jacques de Mouzon, France
Veerle Goossens, Science manager, ESHRE CO



The European IVF Monitoring (EIM)

The EIM was established as a summary of ART data from already existing National Registers or from voluntary national collections

data on : quantity
availability
efficacy
quality
trends
risks

Techniques: IVF - ICSI - FER - ED - IUI (from 2002)

Additional records: PGD - IVM - FOR (frozen oocyte replacement)
embryo donation



questionnaire with 8 modules, 10 pages, 20 tables

Module 0	Number and size of ART / IUI clinics
Module 1 a	Number of treatments, pregnancies and deliveries from fresh/frozen embryos transfers
Module 1b	Results by women's age and ART technique
Module 1c	Complications to treatments and foetal reduction
Module 2	Results by number of transferred embryos
Module 3	Intrauterine Insemination (IUI)
Module 4 (Optional)	Gestational Age by Treatment and Multiple deliveries
Module 5 (Optional)	Cycles performed for cross-border patients

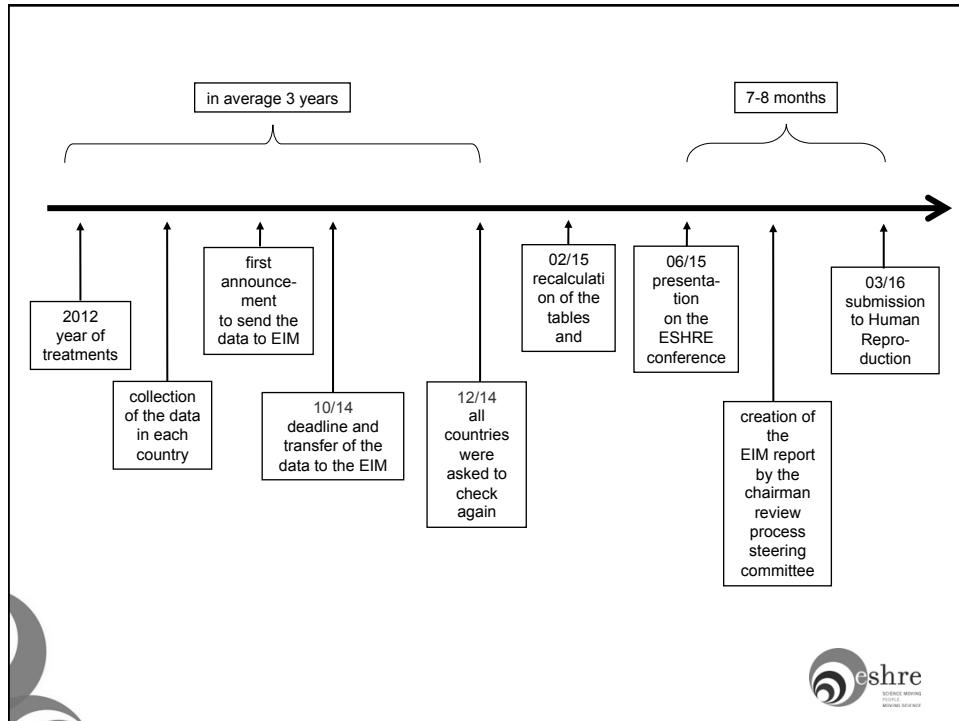
Module 0 Number and size of ART / IUI clinics		
a) in the country		
	ART clinics (units)	IUI labs*
Total number of units in the country		
Total number of units reporting to the National Register		
Number of units included in this report		

* 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		
100 - 199 cycles		
200 - 499 cycles		
500 - 999 cycles		
- 1,000 cycles		

* Based on the annual number of initiated cycles for the purpose IVF, ICSI, FER, and ED (reproductive cycles)
** Based on the total annual number of cycles with IUI (spouse or donor sperm)

new: IVF/ICSI



year of treatments	year of publication	years delay	amount of countries	
1997	2001	4	18	Assisted reproductive technology in Europe, 1997. Results generated from European registers by ESHRE. Human Reproduction. Vol.16, No 2, 384-391, 2001
1998	2001	3	18	Assisted reproductive technology in Europe, 1998. Results generated from European registers by ESHRE Human Reproduction. Vol.16, No 11, 2459-2471, 2001
1999	2002	3	22	Assisted reproductive technology in Europe, 1999. Results generated from European registers by ESHRE Human Reproduction. Vol.17, No 12, 3260-3274, 2002
2000	2004	4	22	Nyboe Andersen A, Gianaroli L, Nygren KG. Assisted Reproductive Technology in Europe, 2000. Results generated from European Registers by ESHRE. Human Reproduction, 2004, 19, 490 – 503.
2001	2005	4	23	Nyboe Andersen A, Gianaroli L, Feilberg R, de Mouzon J and Nygren KG. Assisted Reproductive Technology in Europe, 2001. Results generated from European Registers by ESHRE. Human Reproduction 2005; 20: 1158-76.
2002	2006	4	25	Nyboe Andersen A., Gianaroli L., Feilberg R., de Mouzon J. and Nygren K.G. Assisted reproductive technology in Europe, 2002. Results generated from European registers by ESHRE. Human Reproduction 2006
2003	2007	4	28	Nyboe Andersen A., Goossens V., Gianaroli L., Feilberg R., de Mouzon J. and Nygren K.G. Assisted reproductive technology in Europe, 2003. Results generated from European registers by ESHRE. Human Reproduction 2007
2004	2008	4	29	A. Nyboe Andersen, V. Goossens, S. Bhattacharya, R. Feilberg, J. de Mouzon, K.G. Nygren, The European IVF-monitoring (EIM) Consortium. Assisted reproductive technology in Europe, 2004. Results generated from European registers by ESHRE. Human Reproduction 2004
2005	2009	4	30	A. Nyboe Andersen, V. Goossens, S. Bhattacharya, A.P. Ferrari, M.S. Kupka, J. de Mouzon, K.G. Nygren and The European IVF-monitoring (EIM) Consortium. Assisted reproductive technology and intrauterine inseminations in Europe, 2005: results generated from European registers by ESHRE, Human Reproduction 2009
2006	2010	4	29	J. de Mouzon, V. Goossens, S. Bhattacharya, J.A. Casilla, A.P. Ferrari, V. Korshak, M. Kupka, K.G. Nygren, A. Nyboe Andersen and The European IVF-monitoring (EIM) Consortium. Assisted reproductive technology in Europe, 2006: results generated from European registers by ESHRE, Human Reproduction 2010
2007	02/12	5	33	J. de Mouzon, V. Goossens, S. Bhattacharya, J.A. Casilla, V. Korshak, M. Kupka, K.G. Nygren, and A. Nyboe Andersen. Assisted reproductive technology in Europe, 2007: results generated from European registers by ESHRE Hum. Reprod. (2012) 27(4): 954-966 first published online February 17, 2012 doi:10.1093/humrep/des023
2008	07/12	4	36	A.P. Ferrari, V. Goossens, S. Bhattacharya, J.A. Casilla, V. Korshak, M. Kupka, K.G. Nygren, A. Nyboe Andersen, The European IVF-Monitoring (EIM) Consortium, for the European Society of Human Reproduction and Embryology (ESHRE). Assisted reproductive technology in Europe, 2008: results generated from European registers by ESHRE, Hum. Reprod. (2012) 27(9): 2571-2584 first published online July 10, 2012 doi:10.1093/humrep/des255
2009	07/13	4	34	Ferrari AP, Goossens V, Kupka M, Bhattacharya S, de Mouzon J, Casilla JA, Erb K, Korshak V, Nyboe Andersen A: European IVF-Monitoring (EIM) Consortium for the European Society of Human Reproduction and Embryology (ESHRE) Assisted reproductive technology in Europe, 2009: results generated from European registers by ESHRE. Hum Reprod. 2013 Sep;28(9):2318-31. doi: 10.1093/humrep/det278. Epub 2013 Jul 9.
2010	07/14	4	31	M.S. Kupka, A.P. Ferrari, J. de Mouzon, K. Erb, T. D'Hooghe, J.A. Casilla, C. Callahan-Jorge, C. De Geyter and V. Goossens European IVF-Monitoring (EIM) Consortium for the European Society of Human Reproduction and Embryology (ESHRE) Assisted reproductive technology in Europe, 2009: results generated from European registers by ESHRE. Hum Reprod. 2014
2011	06/15	4	33	M.S. Kupka, A.P. Ferrari, J. de Mouzon, K. Erb, T. D'Hooghe, J.A. Casilla, C. Callahan-Jorge, C. De Geyter and V. Goossens European IVF-Monitoring (EIM) Consortium for the European Society of Human Reproduction and Embryology (ESHRE) Assisted reproductive technology in Europe, 2009: results generated from European registers by ESHRE. Hum Reprod. 2015
2012	03/16 ?		34	

ESHRE's publications European IVF Monitoring

The screenshot shows the ESHRE European IVF Monitoring website. At the top, there is a navigation bar with links to Home, Membership, Education, Specialty groups, Accreditation and Certification, Guidelines and Legal, Press room, Annual Meeting, Data collection and trials, Publications, and a search bar. Below the navigation bar, a breadcrumb trail indicates the current location: Home / Data collection and trials / Consortia / EIM. The main content area features several sections: 'Welcome' (with a brief introduction to the EIM Consortium), 'Steering committee' (represented by a icon of three people), 'Publications and reports' (represented by an icon of an open book, which is circled in black), and 'Data collection' (with a link to 'Submission of national data'). Below these sections, there is a sidebar for 'EIM' containing links to 'Steering committee', 'Publications', and 'Participating countries'. On the right side of the main content area, there is a sidebar for 'Data collection' with links to 'EIM Data collection 2010' and 'EIM Data collection 2011'. At the bottom of the page, there is a footer with the ESHRE logo and copyright information: '© ESHRE 2013-2015' and 'Disclaimer - Cookies'.

Quantity



Registers characteristics

compulsory	18 countries
voluntary	16 countries
based on individual cycles	10 countries
public access to individual clinic data	7 countries
all clinics are reporting	17 countries
Austria, Belgium, Croatia, Czech Republic, Denmark, Estonia, Finland, France, Hungary, Iceland, Italy, Moldova, Norway, Portugal, Slovenia, Sweden, The Netherlands, United Kingdom	
Proportion of clinics is reporting	17 countries
Albania, Belarus, Bulgaria, Germany, Greece, Ireland, Kazakhstan, Lithuania, Montenegro, Poland, Romania, Russia, Serbia, Spain, Switzerland, Ukraine	



51 European countries (geographically)

EIM is covering nearly 80% of the European countries



Countries	34
Centers	1,081
Cycles	639,782
Children	144,351

	European countries geographically	Members of the European Union	2006	2007	2008	2009	2010	2011	2012
Albania	X								
Andorra	X								
Armenia	X								
Aserbaidschan	X								
Austria	X	X							
Belarus	X								
Belgium	X	X							
Bosnia	X								
Bulgaria	X	X							
Croatia	X	X							
Cuba	X								
Czech Republic	X	X							
Denmark	X	X							
Estonia	X	X							
Finland	X	X							
France	X	X							
Georgia	X								
Germany	X	X							
Greece	X	X							
Hungary	X	X							
Iceland	X								
Ireland	X	X							
Italy	X	X							
Kazakhstan	(x)								
Kosovo	X								
Latvia	X	X							
Liechtenstein	X								
Lithuania	X	X							
Luxembourg	X	X							
Macedonia	X								
Malta	X	X							
Moldova	X								
Monaco	X								
Montenegro	X								
Norway	X								
Poland	X	X							
Portugal	X	X							
Romania	X	X							
Russia	X								
San Marino	X								
Serbia	X								
Slovakia	X	X							
Slovenia	X	X							
Spain	X	X							
Sweden	X	X							
Switzerland	X								
The Netherlands	X	X							
Turkey	X								
UK	X	X							
Ukraine	X								
Vatican City	X								
	51	28	29 reporting	33 reporting	36 reporting	34 reporting	31 reporting	33 reporting	34 reporting
			not a member of the EIM		no data received			data received	

EIM, 1997 - 2012

year	countries	clinics	cycles	cycle-increase (%)	ART infants
1997	18	482	203,225		35,314 *
1998	18	521	232,225	+ 14.3	21,433 *
1999	21	537	249,624	+ 7.5	26,212 *
2000	22	569	275,187	+ 10.2	17,887 *
2001	23	579	289,690	+ 5.3	24,963 *
2002	25	631	324,238	+ 11.9	24,283
2003	28	725	365,103	+ 12.6	68,931
2004	29	785	367,056	+ 0.5	67,973
2005	30	923	419,037	+ 14.2	72,184
2006	32	998	458,759	+ 9.5	87,705
2007	33	1029	493,420	+ 7.6	96,690
2008	36	1051	532,260	+ 7.9	107,383
2009	34	1005	537,463	+ 1.0	109,239
2010	31	991	550,296	+ 2.4	120,676
2011	33	1034	609,973	+ 11.0	134,054
2012	34	1093	639,782	+ 4.9	144,351
total			6 547,238		1 159,278

IUI : 1 986,910 (2002-2012) * only countries with data of all centers had been analyzed

13 countries with > 10 000 cycles in 2012

	2007	2008	2009	2010	2011	2012
Belgium	24459	28751	27674	28521	29130	29709
Czech Republic	15060	19607	19431	20020	20319	22689
Denmark	14067	13476	14992	15954	14560	15171
France	67572	68446	74475	79427	85253	85487
Germany	62322	69902	67349	62571	67354	71251
Italy	43708	47829	52032	58860	63777	64197
Poland	-	10490	12068	13325	15504	16919
Russia	26983	31217	42110	34026	57094	63176
Spain	54620	38245	54266	58735	68756	67869
The Netherlands	19699	21164	22061	23627	24182	25173
Sweden	15061	16107	16714	17628	18562	18077
Ukraine	-	-	-	-	-	12542
UK	46688	50555	54314	57856	60377	60621

Treatment cycles 2012

	2012
IVF	139 558
ICSI	312 621
FER	139 487
ED	30 489
PGD	8 433
IUI-H	175 499
IUI-D	43 498

} 452,179

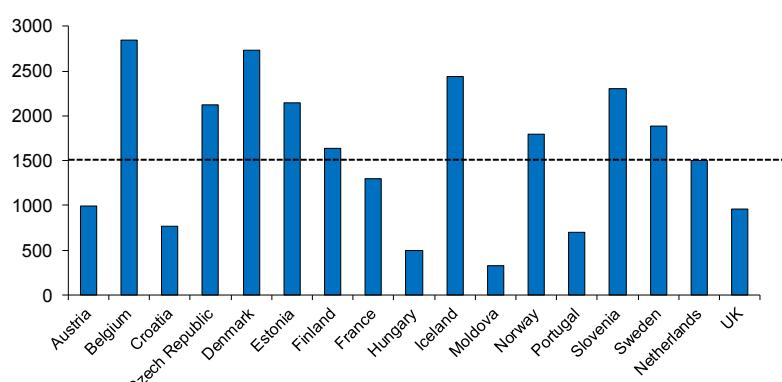


Availability



Number of cycles per 1 mill inhabitants

(countries with 100% participation)



Human Reproduction Update, Vol.8, No.3 pp. 268-277, 2002

An international survey of the health economics of IVF and ICSI

the global need for ART is estimated to be at least 1.500 cycles/million population per year.

John A.Collins

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E-mail: collins@arion.com or collin@mail.cis.mcmaster.ca



Number of cycles per 1 mill inhabitants

(countries with 100% participation)

	2006	2007	2008	2009	2010	2011	2012
Austria	624	674	779	765	779	956	995
Belgium	2165	2352	2687	2574	2736	2767	2846
Croatia	-	-	-	-	-	-	762
Czech Republic	1331	1476	1885	1903	1962	1907	2124
Denmark	2337	2558	2450	2726	2893	2636	2737
Estonia	-	-	-	-	-	1882	2141
Finland	1720	1718	1698	1645	1772	1669	1631
France	-	-	-	-	-	-	1303
Hungary	-	-	-	706	557	469	491
Iceland	1767	2217	2333	2628	2667	2263	2436
Moldova	-	-	-	-	-	-	325
Norway	1518	1711	1778	1833	1926	1801	1789
Portugal	-	494	525	568	669	661	696
Slovenia	1404	1714	1853	1835	2206	2031	2302
Sweden	1631	1673	1751	1845	1943	2040	1204
The Netherlands	1084	1187	1290	1338	1426	1001	1505
UK	726	763	825	876	928	954	962

Efficacy



Pregnancy rate per aspiration 1997 - 2012

year	1997	2001	2008	2009	2010	2011	2012
IVF	21.9	25.1	28.5	28.9	29.2	29.1	29.4
ICSI	24.3	26.2	28.7	28.7	28.8	27.9	27.7
FER	14.1	14.3	19.3	21.0	20.3	21.3	23.5
ED	---	30.8	38.3	42.2	47.4	48.5	51.7

FER: PR/thawing

ED : PR/donation (fresh ED)



Pregnancy rates per aspiration IVF - 2012

Montenegro	50.0	Spain	33.5	Bulgaria	27.3
Belarus	47.5	Greece	32.7	Germany	27.2
Ukraine	41.6	Slovenia	31.8	Croatia	26.7
Romania	40.0	Sweden	31.1	Switzerland	25.8
Austria	39.8	UK	31.0	Iceland	25.6
Kazakhstan	37.5	Poland	30.0	Denmark	24.5
Moldova	36.1	Ireland	30.0	Lithuania	24.3
Serbia	35.3	Norway	29.3	Italy	23.9
Albania	34.7	Belgium	28.7	France	23.8
Hungary	34.5	Finland	28.6	Czech Republic	17.8
Portugal	34.3	Netherlands	28.2		
Russia	34.1	Estonia	27.7		



Pregnancy rates per aspiration ICSI - 2012

Belarus	46.7	Ireland	31.6	Finland	25.7
Kazakhstan	41.8	Austria	31.3	Belgium	25.5
Albania	41.7	Spain	31.0	Slovenia	25.4
Lithuania	39.0	Russia	30.1	Denmark	25.2
Moldova	38.8	Netherlands	29.8	Croatia	24.2
Ukraine	37.4	Montenegro	29.4	France	24.0
Poland	34.7	Estonia	28.7	Iceland	22.8
Serbia	34.6	Portugal	28.4	Switzerland	22.6
Czech Republic	33.4	Norway	28.0	Italy	21.8
Greece	32.8	Sweden	27.8	Bulgaria	21.4
UK	31.8	Germany	26.6		
Hungary	31.7	Romania	26.0		



Egg donation

	Fresh	FER	FOR
Transfers	21 281	9 541	2 696
Clinical pregnancies	10 301 (48%)	3 435 (36%)	1 217 (45%)
Deliveries	6 659 (31%)	2 086 (22%)	706 (26%)

Fresh fresh embryo replacement
 FER frozen embryo replacement
 FOR frozen oocyte replacement



Embryo donation

reported by 15 countries	
Transfers	3 224
Clinical pregnancies	1 118 (35%)
Deliveries	747 (23%)



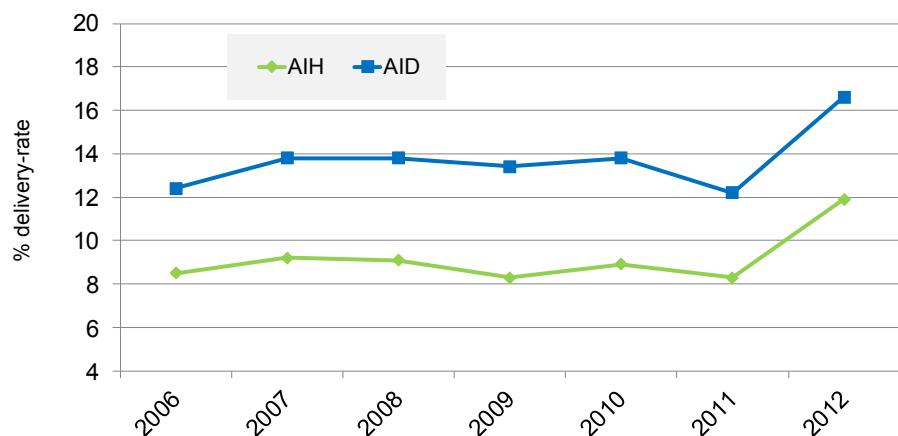
AIH and AID, 2012

	Cycles	Pregnancies	%
IUI-H < 40	107 886	13 162	12.2
IUI-H > 40	12 934	945	7.3
Total*	175 499	20 848	11.9
IUI-D < 40	33 304	5 829	17.5
IUI-D > 40	6 323	608	9.6
Total*	43 498	7 242	16.6

* Totals differ from the sum of the age categories as for some countries the age stratification is missing

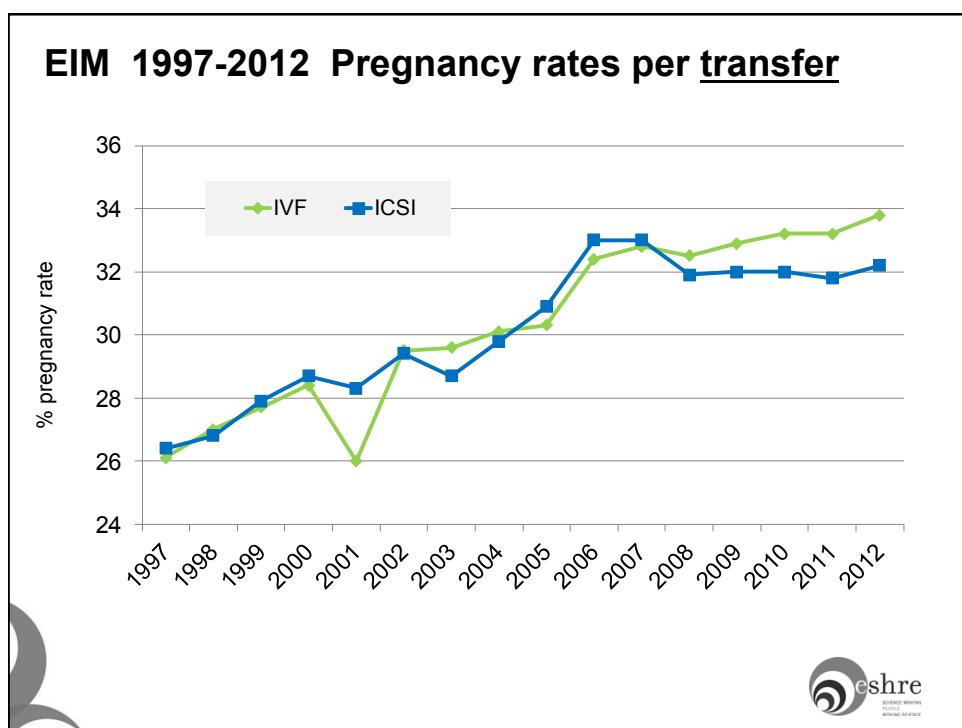
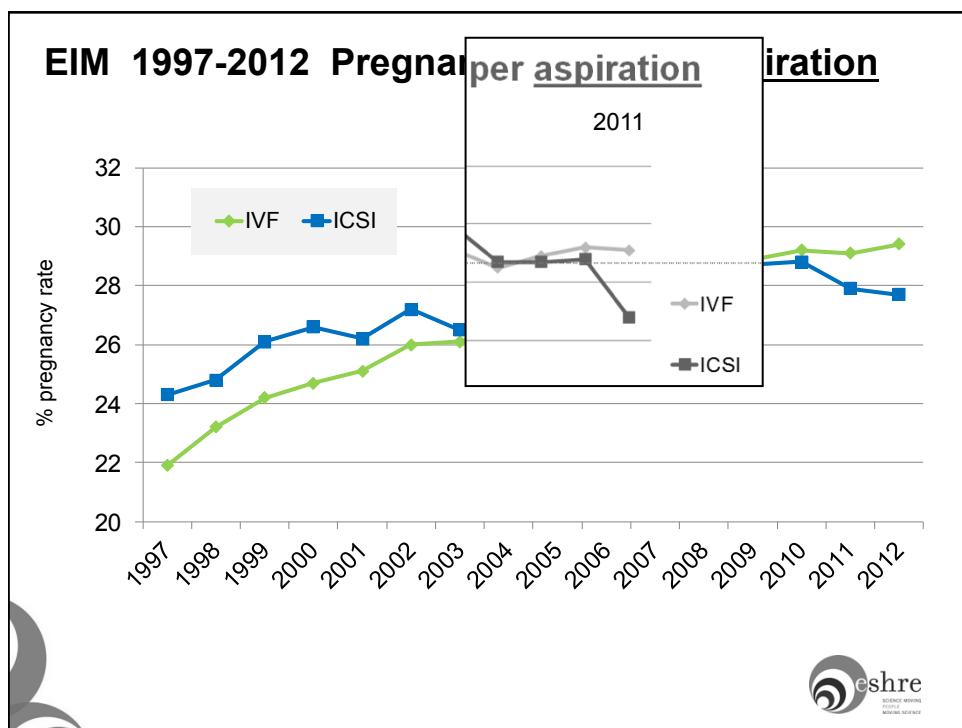


AIH and AID

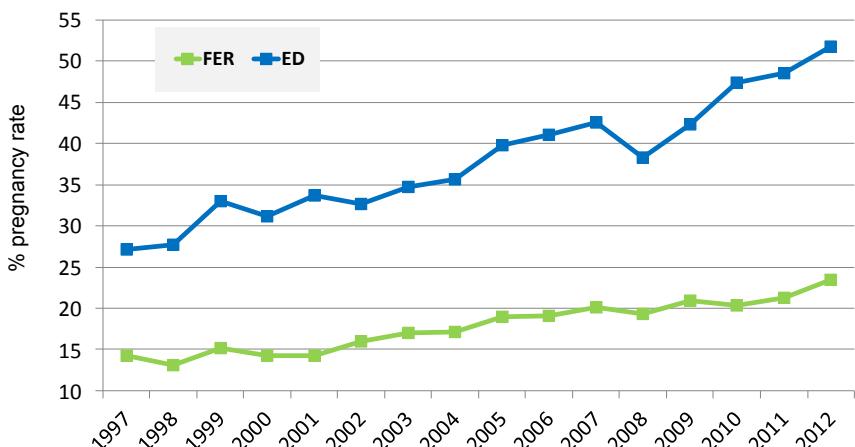


Quality and trends





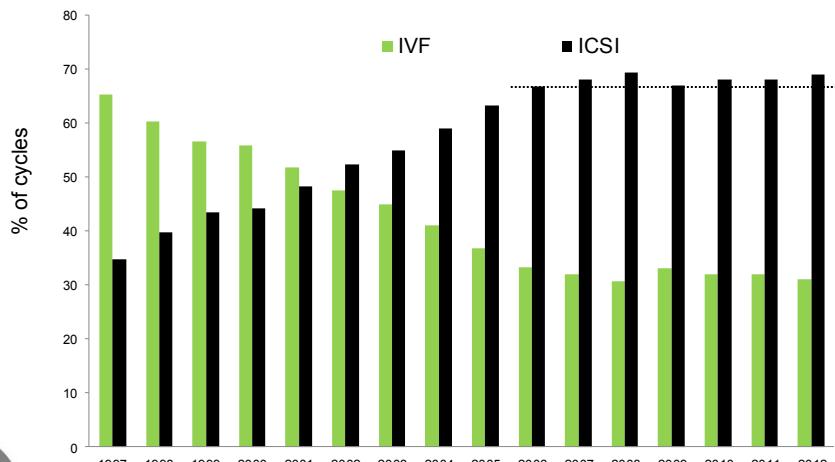
**FER: Pregnancy rate per thawing
ED : Fresh Pregnancy rate per donation**



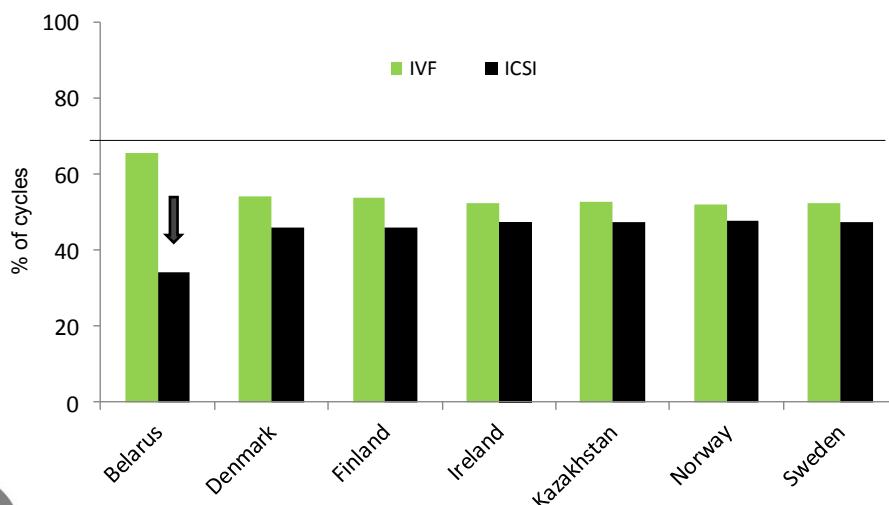
“Cumulative delivery rates” after fresh and FER

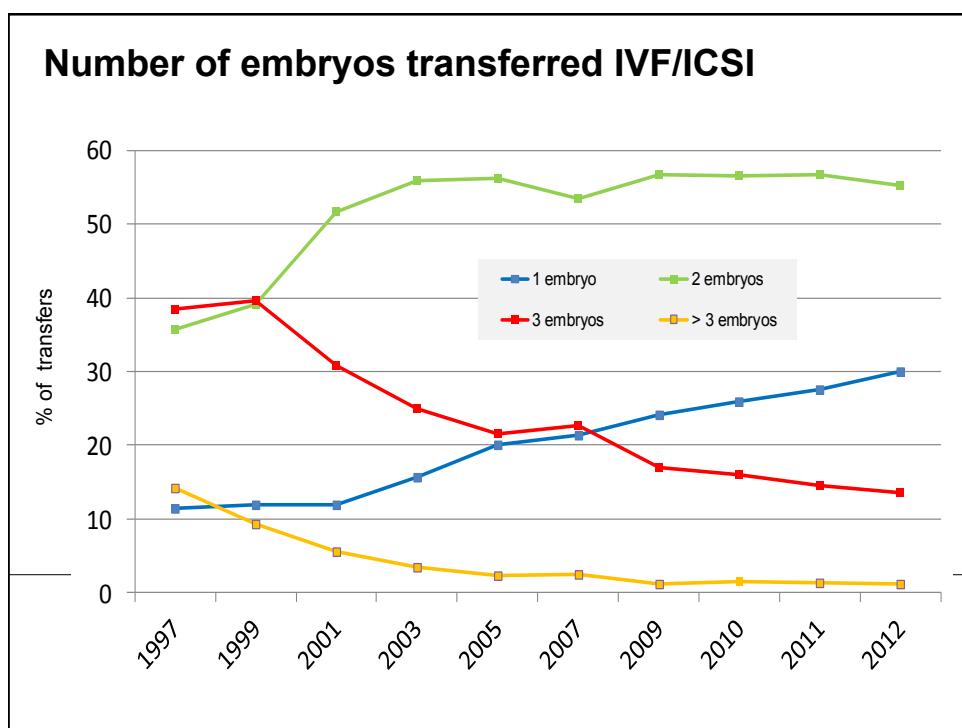
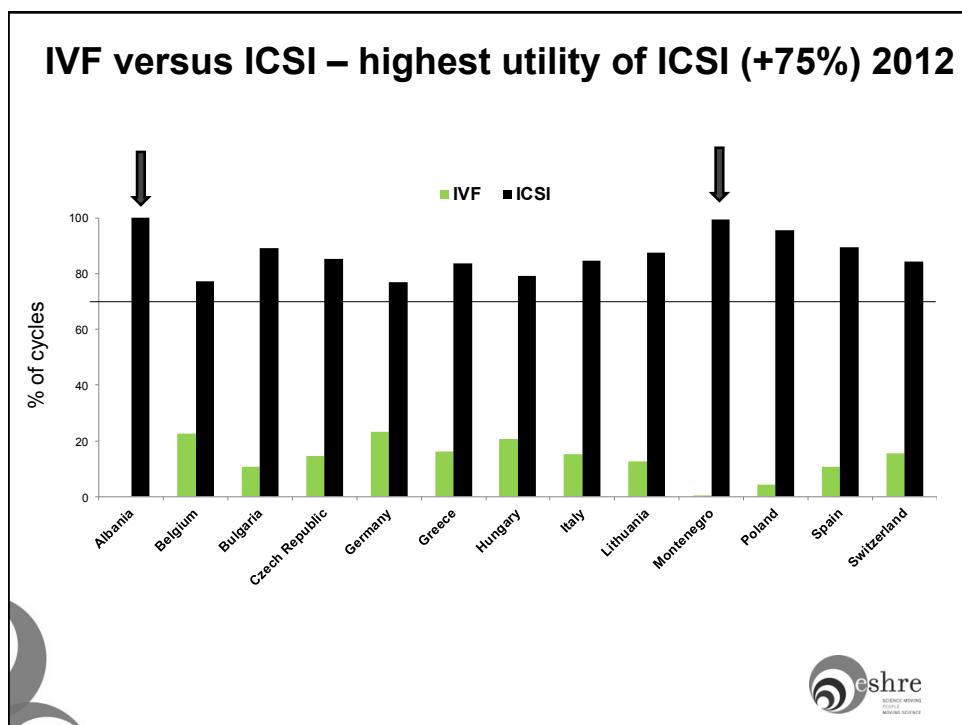
Country	Initiated cycles IVF and ICSI	Deliveries Fresh cycles	Deliveries Fresh cycles per initiated cycles (%)	Deliveries Fresh and FER per initiated cycles (%)	Fresh and FER
Finland	4899	998	20,4	33,8	13,4
Switzerland	5376	944	17,6	27,7	10,2
Romania	1221	301	24,7	27,4	2,7
Belarus	2088	625	29,9	30,2	0,3
All	438,615	85,067	19,7	24,0	4,3

Distribution IVF/ICSI (1997-2012)

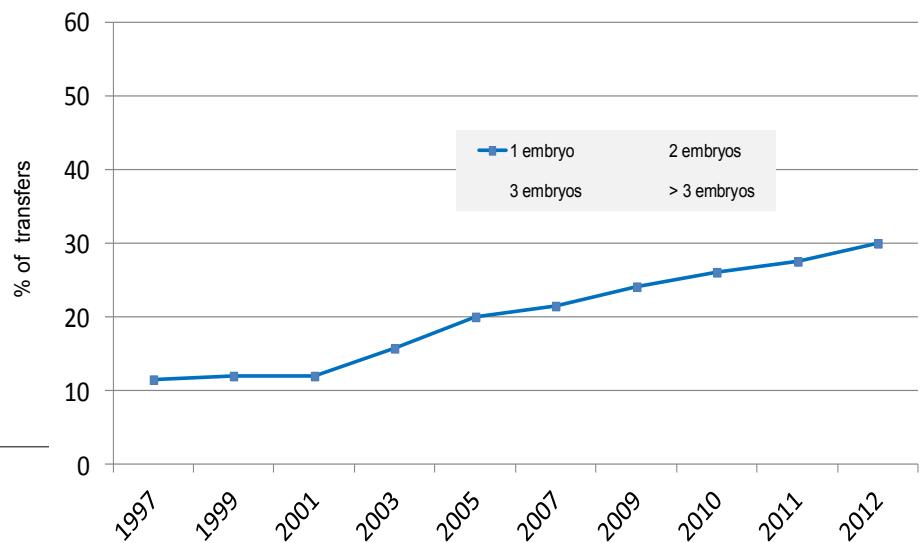


IVF versus ICSI – low utility of ICSI 2012





Number of embryos transferred IVF/ICSI



Percentage 3+ embryo transfers. IVF and ICSI, 2012

LOW < 10%	%
Belgium	8.8
Spain	8.4
France	7.4
Estonia	6.3
Poland	6.1
Denmark	6.0
Ireland	5.7
UK	4.8
Portugal	4.0
Czech Republic	3.0
Austria	2.3
Slovenia	1.2
Norway	0.7
Iceland	0.0
Finland	0.0
Sweden	0.0

HIGH > 50%	%
Lithuania	81.9
Moldova	61.7
Serbia	56.5
Montenegro	56.1
Greece	53.5

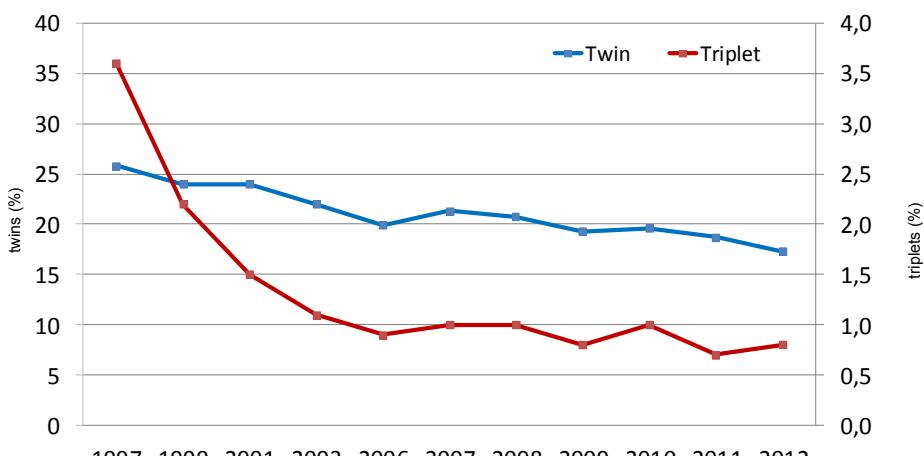


Percentage singleton, twin, triplet and quadruplet deliveries IVF and ICSI, 2012

	1997	1999	2001	2008	2009	2010	2011	2012
Singleton	70.4	73.7	74.5	78.3	79.8	79.4	80.8	81.9
Twin	25.8	24.0	24.0	20.7	19.4	19.6	18.6	17.3
Triplet +		3.8	2.3	0.9	0.8	1.0	0.6	0.8



Percentage twin and triplet deliveries IVF and ICSI



NEW YORK, NEW YORK

THE BEST Of ESHRE & ASRM
MARCH 5-7, 2015

A JOINT MEETING OF THE EUROPEAN SOCIETY OF HUMAN REPRODUCTION AND EMBRYOLOGY AND THE AMERICAN SOCIETY FOR REPRODUCTIVE MEDICINE

eshre

The Best of ESHRE & ASRM
March 5–7, 2015

TIME	THURSDAY, MARCH 5	FRIDAY, MARCH 6 BREAKFAST	SATURDAY, MARCH 7
07:00 am – 08:00 am			
08:00 am – 08:30 am	Novel approaches to improving implantation in ART John Aplin (UK)	Treatment of mitochondrial disease by nuclear transfer Mary Herbert (UK)	Future of male infertility treatment – spermogonial stem cell transplantation Ans Van Pelt (NL)
08:30 am – 09:30 am	Prepubertal boys with Prader-Willi Syndrome should undergo testicular biopsy for sperm cryopreservation Sabine Klesch (pro) (DE) Robert Oates (con) (US)	Options for female fertility preservation Kutuk (testicular tissue cryopreservation) (US) Laura Rienzi (ooocyte cryopreservation) (IT)	Time-lapse imaging morphology is superior to clinical morphology for embryo assessment and selection Giovanni Cognetti (pro) (IT) Catherine Recardi (con) (US)
09:30 am – 10:00 am	Emerging therapies for endometriosis Hugh Taylor (US)	Patenting genes and natural phenomena Jacques Cohen (US)	Effect of embryo sex on the embryo and health of the offspring Linda Giudice (US)
10:00 am – 10:20 am	Are ART results better in the US than in Europe? Glenn Schattman (US) Bart Fauser (NL)	Differences in ART regimens between the US and Europe Markus Kupka (DE) Judy Stern (US)	Treatment of unexplained infertility Owen Davis (immediate IVF) (US) Roy Homberg (gradual approach) (UK)
10:20 am – 11:00 am			
11:00 am – 12:00 pm	Preimplantation genetic screening improves live birth rates William Schoolcraft (pro) (US) Sjoerd Repping (con) (NL)	Prevention and freezing is preferable to reliance on donor eggs Nicole Noyes (pro) (US) Juan Garcia-Velasco (con) (ES)	All embryos should be cryopreserved prior to transfer Georg Griesinger (pro) (DE) Kurt Barnhart (con) (US)

eshre
SCIENCE MOVING SCIENCE

US

EIM

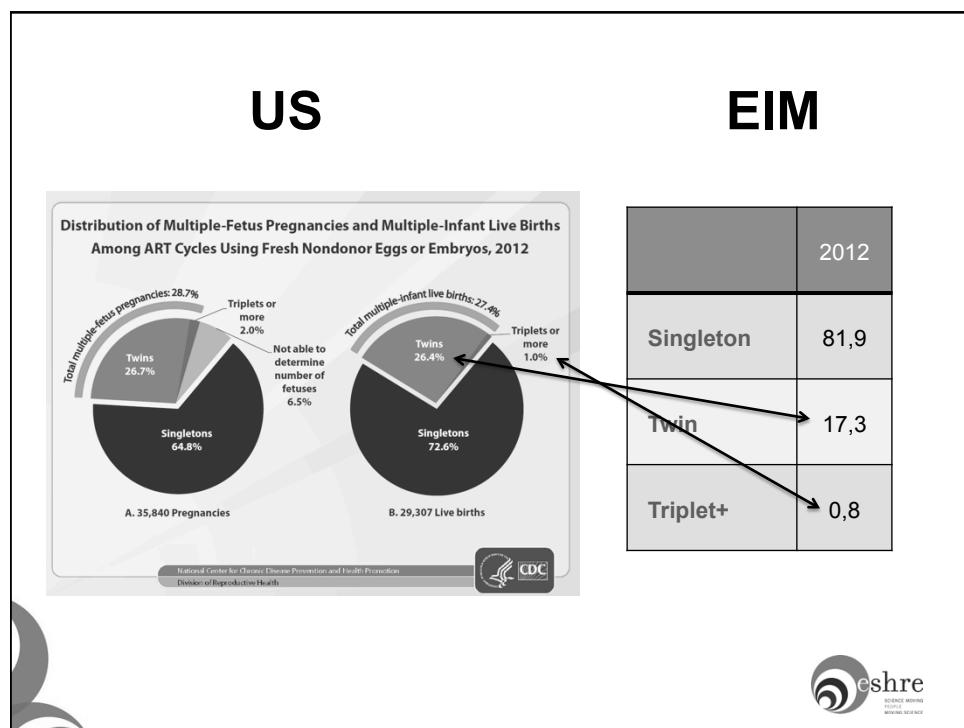
Percentages of ART Cycles and Transfers Using Fresh Nondonor Eggs or Embryos That Resulted in Pregnancies, Live Births, and Singleton Live Births, 2012

	per transfer	per aspiration
IVF	33.8	29.4
ICSI	29.5	27.7

n = 99,665

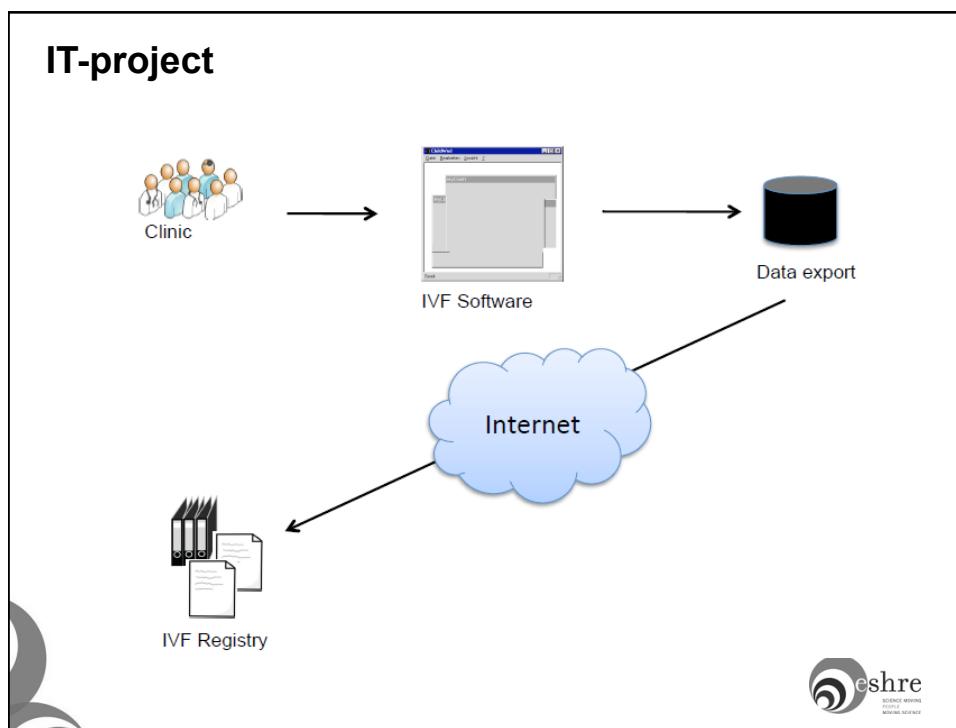
n = 452,179

eshre
SCIENCE MOVING SCIENCE



EIM activities





Clinical Operations

- Clinical Trials
- Observational studies

207	837
CLINICAL TRIALS	OBSERVATIONAL STUDIES

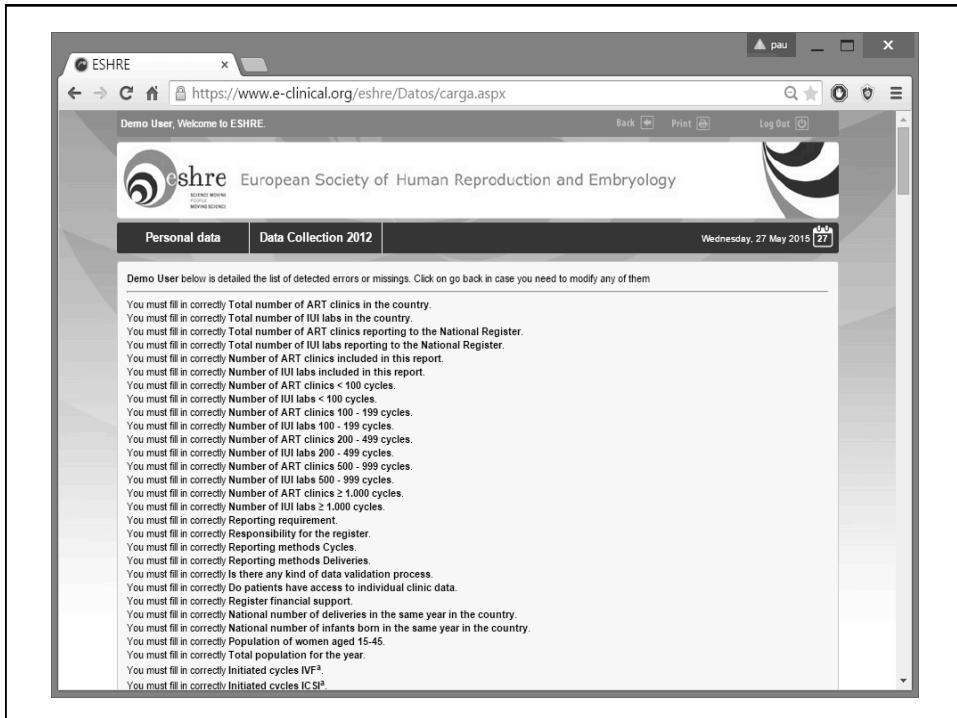
The screenshot shows the homepage of the 'Dynamic' website (dynamicsolutions.com). The top navigation bar includes links for 'LA COMPAÑIA', 'SERVICIOS', 'CONTACTAR', and 'TRABAJE CON NOSOTROS'. Below the navigation, there are three main visual sections: a microscopic view of cells, a human spine X-ray, and a line graph with an upward arrow. To the right of these images is a text block: 'DYNAMIC CUENTA CON PROFESIONALES ALTAMENTE CALIFICADOS Y DEDICADOS A SATISFACER LAS NECESIDADES DE SUS CLIENTES EN TODO MOMENTO' followed by 'FULL SERVICE CONTRACT RESEARCH ORGANIZATION'. Below this is a photo of a medical team. The 'Clinical Operations' section is highlighted with a light blue box and a hierarchical tree diagram. At the bottom, two large green boxes display the numbers '207 CLINICAL TRIALS' and '837 OBSERVATIONAL STUDIES'.

The screenshot shows the ESHRE website's login interface. On the left, there is a 'Login' form with fields for 'Username' (demo01) and 'Password'. Below the password field is a 'Sign In' button. To the right of the form is a large banner for 'EIM Data collection | 2012', which includes a photograph of a medical professional writing in a notebook. The top navigation bar has links for Home, Membership, Annual meeting, Calendar, Specialty Groups, Accreditation and Certification, Guidelines and Legal, Press room, Data collection and trials, and Publications.

The screenshot displays two tables of data from the ESHRE website. The top table is titled 'Module 2 - Results by number of transferred embryos' and is specifically for 'All IVF and ICSI fresh cycles'. It shows the count of transfers for 1, 2, 3, 4, ≥5, Unknown, and Total embryos. The bottom table is titled 'All FER cycles (coming from IVF, ICSI and IVF/ICSI with own oocytes)' and shows similar data for these cycles. Both tables include columns for Transfer cycles, Clinical pregnancies, Pregnancy losses**, Lost to Follow-up***, and Deliveries (Singleton, Twin, Triplet +, Unknown, Total).

	Number of transferred embryos						
	1	2	3	4	≥5	Unknown	Total ^a
Transfer cycles							
Clinical pregnancies							
Pregnancy losses**							
Lost to Follow-up***							
Deliveries							
Singleton							
Twin							
Triplet +							
Unknown							
Total							

	Number of transferred embryos						
	1	2	3	4	≥5	Unknown	Total ^a
Transfer cycles							
Clinical pregnancies							
Pregnancy losses**							
Lost to Follow-up***							
Deliveries							
Singleton							



Country	Transfers	1 embryo	% 1 embryo	2 embryos	% 2 embryos	3 embryos	% 3 embryos	4+ embryos	% 4+ embryos	IVF + ICSI			Deliveries			Twin deliveries			Triplet deliveries			FER		
										%	%	%	%	%	%	%	%	%	%	%	%	%	%	
Austria	6215	249	7,8	3669	59,3	180	2,9	17	0,0	2,9	6874	361	21,8	20	1,2	6	1	16,7	0	0,0				
Belarus	1862	139	7,0	1126	58,3	701	39,4	17	0,9	3,2	625	199	32,9	2	0,3			134	10,3	1	0,1			
Belgium	1603	829	51,2	6412	39,8	1237	7,8	247	1,4	9,2	347	363	10,7	7	0,2	1286								
Bulgaria	1569	211	13,3	325	55,6	947	17,0	126	1,3	6,8	370	211	54,5	3	0,8	103	0,0	103	0,0	0,0				
Cyprus	8660	2688	29,0	6994	56,4	440	4,4	17	0,2	4,6	2022	452	21,0	3	0,1	576	110	19,2	0	0,0				
Czech republic	6319	3948	47,4	4769	51,2	802	6,5	0	0,0	0,0	2491	491	16,1	10	0,4	408	54	13,2	1	0,2				
Denmark	1569	374	24,2	1069	51,2	802	21,4	3	0,1	0,0	425	84	19,8	4	0,9	60	3	5,0	0	0,0				
Iceland	1443	301	72,5	111	21,4	27	0,1	0	0,0	0,0	984	10	0,0	0	0,0	656	33	5,0	2	0,3				
France	50794	15879	31,4	29947	57,4	4442	10,2	343	0,7	16,3	11926	2074	14,4	28	0,2	2726	256	9,4	3	0,1				
Germany	45481	7151	15,7	30887	57,8	7462	16,4	0	0,0	16,4	9090	1857	20,4	73	0,8	2286	330	14,4	21	1,0				
Greece	3706	630	14,5	2616	59,8	1830	34,9	494	9,0	9,0	684	142	41,5	12	3,5	82	14	56,0	1	4,0				
Hungary	611	116	18,6	2169	52,6	1029	20,2	123	3,1	29,3	81	0	0	0	0	31	2	6,5	0	0,0				
Iceland	357	151	43,4	205	56,6	0	0,0	0	0,0	0,0	472	79	11,2	0	0,0	124	7	7,3	0	0,0				
Ireland	783	163	21,2	397	50,7	154	0,0	1	0,1	0,7	1374	191	10,2	14	0,8	584	78	13,4	2	0,3				
Italy	42331	8432	19,9	17322	40,9	14654	34,6	1922	4,5	39,2	7192	1374	19,1	102	1,4	2,2	98	7	7,1	1	1,0			
Kazakhstan	2289	517	25,8	1072	53,5	393	19,6	23	1,1	20,7	659	113	17,5	14	2,2	1214								
Lithuania	91	17	47,7	47	52,3	79	0,0	0	0,0	0,0	736	0	0	0	0,0	317	23	68,8	0	0,0				
Moldova	574	37	6,4	184	32,1	311	54,2	42	7,3	67,5	198	41	22,0	12	6,5	2	0,0	0,0	0,0	0,0				
Montenegro	8008	201	26,2	2105	41,1	137	0,7	0	0,0	0,7	1327	12	0,0	0	0,0	360	35	9,2	1	0,3				
Poland	8008	1627	20,0	5961	73,3	527	6,5	14	0,2	0,7	2366	453	19,7	11	0,5	717	92	13,3	1	0,1				
Portugal	4405	956	21,7	3165	72,3	264	6,0	2	0,0	0,0	1140	263	23,1	1	0,1	148	24	16,2	1	0,7				
Romania	8008	1627	9,3	49	32,9	302	50,3	112	10,1	40,6	301	25	17,1	33	26,7	1	3,3	267	1	0,7				
Russia	38851	5653	17,0	21190	61,7	6325	18,4	968	2,8	21,2	9239	2117	23,4	127	1,4	1214	263	22,0	17	1,4				
Serbia	1428	233	16,4	368	25,8	828	58,0	0	0,0	0,0	408	106	26,5	24	5,9	1214								
Slovenia	1208	254	14,1	263	53,9	49	0,0	0	0,0	0,0	702	115	0,0	0	0,0	137	23	16,8	0	0,0				
Spain	27744	494	17,9	19567	70,9	3075	11,1	0	0,0	11,1	6163	1962	22,1	21	0,3	1588	245	15,5	4	0,3				
Switzerland	10519	7400	74,8	2529	25,2	0	0,0	0	0,0	0,0	2694	132	4,9	1	0,0	1104	51	4,6	2	0,2				
Switzerland	8021	844	25,0	2695	63,8	682	10,2	0	0,0	0,2	944	123	3,9	0	0,0	547	132	6,2	0	1,1				
The Netherlands	13629	784	12,3	3805	59,8	1179	27,1	69	1,1	28,2	2094	529	25,3	19	0,9	512	65	5,8	4	0,4				
United Kingdom	4042	3372	24,2	2600	59,0	2060	11,1	0	0,0	1,1	11840	711	31	33	0,3	2192	141	4,7	4	0,2				
All	367171	9516	27,5	19753	56,7	50482	14,5	4405	1,3	15,8	80073	15680	18,6	540	0,6	18083	2374	12,8	79	0,4				

For Austria IVF + ICSI also included the FER cycles

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SAT , Welcome to ESHRE

<https://www.e-clinical.org/eshre/Informes/Tables.aspx>

Detailed report

Table I Table II Table III Table IV

Download Excel

Table I. Treatment frequencies after ART (Assisted reproductive technology) in European countries in 2012

Country	VF clinics in the country								Cycles/million*					
	IVF Clinics	Included IVF clinics	IUI labs	Included IUI labs	IVF	ICSI	FER	PGD	ED	IVM	FOR	All	Women 15-45	Population
Belgium	18	18	34	29	3996	13611	9277	647	1005	42				
Bulgaria	26	6	26	6	673	5639	587	26	227	0	10	7162		
Croatia	13	13			1397	1655	94			267				
Czech Republic	39	39			1799	10449	5789		3875					
Denmark	21	21	64	57	6328	5379	3084	134	209	0	8	15142		
Finland	19	19	24	24	2584	2201	3319	362						
France	103	103	192	192	20995	39079	23481	658	994	67				
Germany	131	129			12047	39911	19293							
Greece	76	20	76	16	759	3918	624	291	600	0				
Hungary	12	12			920	3502	398	7	44					
Iceland	1	1	1	1	199	206	196	0	132	0	0	733		
Ireland	7	4	8	5	1119	1008	716	0	0	0	0	2843		
All	466	385	425	330	52816	126559	66858	2125	7046	67	327	25880	0	0

Treatment cycles in IVF and ICSI refer to initiated cycles.
For Austria, Belgium, France, Germany and Iceland treatment cycles refer to aspirations. For Belgium, the Czech Republic and Germany the total number of initiated cycles is lower than the number of aspirations due to some cycles being initiated in more than one clinic.

Meeting in Leuven in November 2014

YOU MUST LOOK AT FACTS BECAUSE THEY LOOK AT YOU
(W. Churchill)



<p>open EIM meeting Saturday 15-11-14</p> <p>SIG Safety and Quality in ART Kelly Tilleman What are the core factors for Safety and Quality in ART?</p> <p>EIM Thomas D'Hooghe Is ART-success-rate connected to the quality of data-collection?</p> <hr/> <p>SIG Ethics & Law Veerle Provoost What are the facts underlying the European trend to abolish donor anonymity?</p> <p>EIM Carlos Calhaz-Jorge What can we see in the EIM-data concerning success-rates in donor programs in different countries?</p> <hr/> <p>PGD Consortium Edith Coonen Can we see trends over the time concerning the use of PGD?</p> <p>EIM Karin Erb What can we see in the EIM-data concerning the use of PGD?</p> <hr/> <p>SIG Socio-cultural aspects of (in)fertility Françoise Shenfield The correlation between cross border and data gathering</p> <p>EIM Ana Pia Ferraretti The EIM data concerning cross border aspects</p>	<p>closed EIM meeting Friday 14-11-14</p> <p>One speaker from a country with former difficulties and a later progress in establishing a registry.</p> <p>Professor Dominique Royere What makes the difference between a medical and governmental registry ?</p> <p>Dmitry Kissin, MD, MPH CDC US Two registries in one country – perspective of the governmental agency?</p> <p>Mark Connolly EIM Reimbursement survey</p>
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Conclusion

- ▶ the EIM consortium is now working for 16 years and covers more than 80% of European data
- ▶ Since 3 years an increasing number of participating countries with 5% more cycles compared to 2011
- ▶ SET is increasing from 11% (1997) to now 30%
- ▶ Triplet+ rate decreased from 3.8% (1999) to now 0.8%
- ▶ Since 5 years pregnancy rates in IVF and ICSI are stable Increasing success-rates for FER and ED
- ▶ changes in regulations and the economic situation seem to influence the motivation for participation in the EIM in some countries



Thanks to.....



- all the EIM delegates
- the steering committee
- Veerle Goossens (Science Manager)

