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WHAT? > WHEN? > WHO? > WHERE? > WHY?

01 WHAT?

The European Society of Human Reproduction and Embryology (ESHRE) is an international non-profit organisation whose main objective is to promote the study of reproductive science and medicine and the treatment of infertility.

INTERNATIONAL NON-PROFIT ORGANISATION

02 WHEN?

1984 September
Foundation of ESHRE

1985 June
First Annual Meeting in Bonn

1986 January
First issue of Human Reproduction, edited by Robert Edwards

1993 June
At ESHRE’s ninth annual meeting in Thessaloniki Andre Van Steirteghem reports first series results of ICSI

1996 May
ESHRE website goes live; abstract submission possible online

1997 June
ESHRE data collections begin in PGD and ART

2013 July
London Annual Meeting reaches an attendance of more than 10 000 participants

2014 May
Human Reproduction Update, first journal in O&O to gain a double-digit impact factor

2017 December
ESHRE counts a record number of 7000 members

03 WHERE?

ESHRE is a European organization with an international vocation.

Members of our Executive Committee come from European countries and our activities are organised across Europe.

The Central Office of ESHRE is located in Grimbergen, Belgium.

04 WHY?

In the early 80s, the founders of ESHRE perceived the need for a European organisation dedicated to human reproduction, with its own journal, annual meeting and education scheme.

The worldwide authority ESHRE has acquired through the years justifies the efforts of Society to improve standards of practice through training, education and guideline development and pursue research in the field of human reproduction.

05 WHO?

FOUNDERS
Robert Edwards, Nobel Prize winner
Jean Cohen, French Gynaecologist

EXECUTIVE COMMITTEE ELECTED IN 2017
Roy Farquharson (Chair)
Kersti Lundin (Immediate Past Chair)
Cristina Magli (Chair Elect)
- Basak Balaban
- Thomas Ebner
- Mariette Goddijn
- Borut Krvacic
- Nicholas Macklon
- Anja Pinborg
- Karen Sermon
- Thomas Striwitki
- Rita Vassena
- Snežana Vidaković
- Cecilia Westin
- Efstratios Kolibianakis

MORE THAN 7200 MEMBERS FROM ALL OVER THE WORLD
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ESHRE GLOBAL MEMBERSHIP

7264 MEMBERS

114 COUNTRIES

STABLE REPRESENTATION OF EUROPEAN MEMBERS

AMERICA 8.77%

EUROPE 66.26%

ASIA 18.63%

AFRICA 4.22%

OCEANIA 2.12%

TOP 10 MEMBERS IN EUROPE

The United Kingdom and Italy have consistently been at the top of the “European members” ranking for over the last years.

1. UNITED KINGDOM 522
2. BELGIUM 286
3. ITALY 452
4. GREECE 229
5. SPAIN 376
6. DENMARK 177
7. GERMANY 304
8. RUSSIA C.I.S. 175
9. THE NETHERLANDS 301
10. POLAND 158

MEMBERS IN THE REST OF THE WORLD

India is now the second most represented country in the ESHRE membership and has overtaken the representation of the USA as non-European country to be represented among ESHRE members.

TOP 3 COUNTRIES

1. UNITED KINGDOM 522
2. INDIA 461
3. ITALY 452

EVOLUTION

73% INCREASE COMPARED TO 2007

8.2% INCREASE COMPARED TO 2016
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CAMPUS COURSES

- Continuing education in reproductive science and medicine
- A wide programme of symposia, courses, hands-on training in all disciplines represented by ESHRE

**1348** total number of participants

**13** total number of courses

**8** different countries

**EFFECTS OF ART AND ENDOMETRIOSIS ON PREGNANCY OUTCOME**
27-28 January 2017
Sofia, Bulgaria
SIG Early Pregnancy and SIG Endometriosis/Endometrium

**201** PARTICIPANTS

**ENDOSCOPY IN REPRODUCTIVE MEDICINE**
28-30 March 2017
Leuven, Belgium
SIG Reproductive Surgery

**25** PARTICIPANTS

**THE FOURTH DIMENSION, THE THIRD FACTOR IN HUMAN EMBRYOLOGY**
11-13 May 2017
Milan, Italy
SIG Embryology

**229** PARTICIPANTS

**THE MORE THE MERRIER? THE IMPACT OF ADJUVANT TREATMENTS ON PREGNANCY POTENTIAL IN IVF**
15-16 September 2017
Vienna, Austria
SIG Reproductive Endocrinology

**127** PARTICIPANTS

**METHODOLOGICAL APPROACHES FOR INVESTIGATING ENDOMETRIAL FUNCTION AND ENDOMETRIOSIS**
16-19 September 2017
Edinburgh, United Kingdom
SIG Endometriosis / Endometrium and the ASRM Endometriosis SIG

**77** PARTICIPANTS

**TUBAL FACTOR MANAGEMENT IN INFERTILITY**
22-23 September 2017
Bucharest, Romania
SIG Reproductive Surgery

**141** PARTICIPANTS

**FROM GAMETES TO BLASTOCYST: A CONTINUOUS DIALOGUE**
12-14 October 2017
Edinburgh, United Kingdom
SIG Embryology / SIG Reproductive Genetics

**82** PARTICIPANTS

**ENDOSCOPY IN REPRODUCTIVE MEDICINE**
22-26 November 2017
Leuven, Belgium
SIG Reproductive Surgery

**37** PARTICIPANTS

**THE REVIVAL OF INTRAFERTILE SCIENCE AND COMMERCIALIZATION**
23-25 November 2017
Antwerp, Belgium
SIG Andrology

**133** PARTICIPANTS

**3 EVENTS BETWEEN 100 & 200 PARTICIPANTS**

**POD AND PGD: PAST, PRESENT AND FUTURE**
8-9 December 2017
Brussels, Belgium
SIG Reproductive Genetics

**201** PARTICIPANTS

**THE MULTIFACETED CHALLENGE OF FEMALE REPRODUCTIVE AGING**
5-6 May 2017
Athenes Superior
SIG Reproductive Endocrinology

**127** PARTICIPANTS

**ULTRASOUND IN ASSISTED REPRODUCTION TECHNOLOGIES AND EARLY PREGNANCY: BLENDED TRAINING APPROACH**
16-17 November 2017
Cardiff, United Kingdom
SIG Embryology / SIG Early pregnancy – SIG Safety and Quality in ART – Paramedical board and the BSGI

**74** PARTICIPANTS

**REPRODUCTIVE MEDICINE BETWEEN INSEMINATION AND COMMERCIALIZATION**
30 November - 2 December 2017
Ljubljana, Slovenia
SIG Embryology – SIG Safety and Quality in ART – Supported by the Slovenian Society for Reproductive Medicine

**99** PARTICIPANTS

**2 EVENTS OVER 200 PARTICIPANTS**

**E-CAMPUS**

- Online access to ESHRE courses, symposia and webinars
- A tool to support the development of ESHRE members' skills and knowledge in reproductive science and medicine

**WWW.ESHRE.ORG/E-CAMPUS**

**798** VIDEOS AVAILABLE IN 2017

**898** UNIQUE USERS IN 2017

**10,612** TOTAL NUMBER OF CONNECTIONS TO THE PLATFORM IN 2017

**THE BEST OF ASRM AND ESHRE**

Debates, plenary lectures, back-to-back sessions on the hottest topics in reproductive medicine from both sides of the Atlantic.

**DATES**
23-25 FEBRUARY
PLACE
PARIS, FRANCE

| FRANCE | 100 |
| U.S.A. | 58 |
| GERMANY | 58 |
| SPAIN | 40 |
| THE NETHERLANDS | 952 |
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ANNUAL MEETING

The world's largest event in reproductive science and medicine

OFFICIAL NAME
33rd Annual Meeting of the European Society of Human Reproduction and Embryology

HASHTAG
#ESHRE2017

DATES
2-5 July 2017

PLACE
Geneva Switzerland

10,397 TOTAL PARTICIPANTS

TOP 10 ATTENDANCE

1. India 493
2. Italy 459
3. Spain 450
4. United Kingdom 431
5. China 372
6. France 370
7. Russia C.I.S. 301
8. U.S.A. 259
9. Germany 254
10. Switzerland 252

ATTENDANCE PER CONTINENT

Africa 13%
America 9%
Asia 21%
EU 55%
Oceania 2%

An obvious global appeal

SUNDAY 2 JULY 2017:
15 PRECONGRESS COURSES

<table>
<thead>
<tr>
<th>TITLE</th>
<th>PARTICIPANTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>PCC1</td>
<td>Mild, moderate and severe male infertility: what is it all about? An urgent call for consensus</td>
</tr>
<tr>
<td>PCC2</td>
<td>The role of ultrasound in early pregnancy</td>
</tr>
<tr>
<td>PCC3</td>
<td>Cellular and molecular biology for clinical embryologists</td>
</tr>
<tr>
<td>PCC4</td>
<td>Measuring and enhancing endometrial receptivity to improve pregnancy outcomes</td>
</tr>
<tr>
<td>PCC5</td>
<td>Fertility awareness: what role does it play in preventing infertility?</td>
</tr>
<tr>
<td>PCC6</td>
<td>Ovarian Stimulation for IVF: individualisation and beyond?</td>
</tr>
<tr>
<td>PCC7</td>
<td>Mitochondria in human reproduction and ART</td>
</tr>
<tr>
<td>PCC8</td>
<td>Complications in reproductive surgery</td>
</tr>
<tr>
<td>PCC9</td>
<td>Transgenderism and reproduction: State of the art in fertility options for transgender and people with sex reassignment</td>
</tr>
<tr>
<td>PCC10</td>
<td>At the crossroad between human embryology and embryonic stem cells: lessons from molecular and morphological analysis</td>
</tr>
<tr>
<td>PCC11</td>
<td>Where to draw the line</td>
</tr>
<tr>
<td>PCC12</td>
<td>Procedure and technique for embryo transfer in humans</td>
</tr>
<tr>
<td>PCC13</td>
<td>How to present and publish your research?</td>
</tr>
<tr>
<td>PCC14</td>
<td>Is the oocyte the main determinant of embryo quality? Strategies for the selection of the most competent oocyte</td>
</tr>
<tr>
<td>PCC15</td>
<td>How to prepare a Systematic Review in reproductive medicine</td>
</tr>
</tbody>
</table>

MONDAY 3 TO WEDNESDAY 5 JULY 2017: MAIN SCIENTIFIC PROGRAMME

1725 ABSTRACTS RECEIVED

75,300 ORAL PRESENTATIONS

31 INVITED SESSIONS
66 LECTURES
44 ORAL COMMUNICATIONS

Keynote invited lecture by Dennis Le
Non-invasive prenatal testing - state of the art

HR Keynote lecture by Carlos Simon
Autologous cell therapy with CD133+ bone marrow-derived stem cells for refractory Asherman's syndrome and endometrial atrophy: a pilot cohort study

118 POSTERS WERE SELECTED FOR POSTER DISCUSSION
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ESHRE GUIDELINES AND RECOMMENDATIONS FOR GOOD PRACTICE

GUIDELINES PUBLISHED IN 2017

- Vienna Consensus: Development of ART Laboratory Performance Indicators
- Recommendations for Surgical Treatment of Ovarian Endometrioma
- Guideline on Recurrent Pregnancy Loss

LAUNCHED IN 2017

- Guideline on Female fertility preservation
- Guideline on the management of MAR in patients with viral infection/disease
- Recommendations for Surgical Treatment of Deep endometriosis
- Recommendations for the use of ultrasound in ART

ESHRE COLLABORATES IN INTERNATIONAL GUIDELINES

- Published in 2017: International guideline on Turner Syndrome
- Under development in 2017: International Guideline on PCOS

IN DEVELOPMENT IN 2017

- Guideline on ovarian stimulation in IVF/ICSI Due in Winter 2018

UPDATED IN 2017

- Manual for ESHRE Guideline development

All the ESHRE guidelines and recommendations can be found on [WWW.ESHRE.EU/GUIDELINES](http://WWW.ESHRE.EU/GUIDELINES)

GUIDELINES AND RECOMMENDATIONS PUBLISHED BEFORE 2017

- Guidelines on the Management of Endometriosis
- Guideline on Routine psychosocial care in infertility and medically assisted reproduction – A guide for fertility staff
  Translated in Spanish and Greek
- Guideline on Premature Ovarian Insufficiency
  The guideline has been translated in Chinese and in Polish
- Consensus on Good practice in IVF laboratories
  The guideline has been translated in Turkish
- Consensus on the Diagnosis and classification of Congenital Müllerian Anomalies

267 CITATIONS
127 NEW IN 2017
57 ALTMETRICS ATTENTION SCORE
5% IN THE TOP 5% OF ALL RESEARCH OUTPUTS SCORED BY ALTMETRICS

12 CITATIONS
5 NEW IN 2017
5 ALTMETRICS ATTENTION SCORE

22 CITATIONS
20 NEW IN 2017

5 CITATIONS
3 NEW IN 2017

5 CITATIONS
3 ALTMETRICS ATTENTION SCORE
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ESHRE DATA COLLECTIONS

PGD CONSORTIUM

PUBLICATION

- ESHRE PGD Consortium data collection XIV-XV: cycles from January 2011 to December 2012 with pregnancy follow-up to October 2013

SUMMARY

With 71 centres reporting data for 11,637 cycles with oocyte retrieval

- 38 cycles to OR for social sexing
- Use of arrays for genetic testing increased from 4% to 20% in PGS and from 6% to 13% in PGD cycles for chromosomal abnormalities

20TH ANNIVERSARY OF THE CONSORTIUM CAMPUS COURSE

PGD and PGS: past, present and future. A celebration campus event to mark the 20th anniversary of the PGD Consortium

SIG Reproductive Genetics I Brussels, Belgium I 8-9 December 2017

NEW PLATFORM FOR DATA COLLECTION

- Launched in July 2017
- First data for 2016 collected

EIM CONSORTIUM

PUBLICATION

- Assisted reproductive technology in Europe, 2013: results generated from European registers by ESHRE

SUMMARY

- 38
- 1169
- 686
- 149

- Number of participating countries
- Number of treatment centres reporting
- Number of cycles monitored
- Number of babies born

Proportion IVF/ICSI in fresh cycles:

- 30.4% - 69.6%

Frozen embryo replacement:

- 38.3% of transfers

IUI

- Insemination with PARTNER’S semen:
- 175,467 cycles reported
- 8.6% DELIVERY RATE

- Insemination with DONOR’S sperm:
- 43,785 cycles reported
- 11.1% DELIVERY RATE

Egg donation cycles (in 25 countries)

- 40,244

Delivery rate per transfer

- 29.5%

Pregnancy rates

- Per aspiration with IVF: 29.6%
- Per aspiration with ICSI: 27.8%
- Per thawing with FER: 27%

Delivery rates

- Per aspiration with IVF: 22.2%
- Per aspiration with ICSI: 20.1%
- Per thawing with FER: 18%

31.4% Single embryo transfer
56.3% Double embryo transfer
11.5% Triple embryo transfer

PRELIMINARY RESULTS PRESENTED AT THE 33RD ANNUAL MEETING IN GENEVA

EIM consortium - preliminary results of data collection 2014

- Steady pregnancy rate: 28%
- Increase of pregnancy rate in egg donation up to 33%
- STE: 15%

Spain most active country in ART

- 110,000 cycles reported

SET represent 35% of transfers
DEET represent 55% of transfers

NEW TECHNOLOGIES

- WGA, Array, NGS introduced in many laboratories

PGD consortium - preliminary results of data collection 2013 - 2015

± 58 Centres participating every year
29,053 Cycles monitored
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CERTIFICATION AND ACCREDITATION

ESHRE CERTIFICATION FOR EMBRYOLOGISTS

- Two-level programme - Clinical and Senior
- Introduced in 2008
- Encourages formal recognition of embryologists in IVF
- Develops the competence of embryologists in IVF

SUCCESS RATE

<table>
<thead>
<tr>
<th>Clinical embryologists</th>
<th>49%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Senior embryologists</td>
<td>52%</td>
</tr>
</tbody>
</table>

GENEVA 2017

<table>
<thead>
<tr>
<th></th>
<th>Clinical</th>
<th>Senior</th>
</tr>
</thead>
<tbody>
<tr>
<td>N° of received applications</td>
<td>176</td>
<td>111</td>
</tr>
<tr>
<td>N° (%) of valid applications</td>
<td>95%</td>
<td>93%</td>
</tr>
<tr>
<td>N° of all participants</td>
<td>142</td>
<td>85</td>
</tr>
<tr>
<td>N° passed</td>
<td>70</td>
<td>44</td>
</tr>
</tbody>
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CERTIFIED EMBRYOLOGISTS (ACCUMULATED)

- Total number of embryologists: 1458 in 2017
- 1361 individuals with one or two certificates

Graph showing the number of certified embryologists from 2008 to 2017.
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CERTIFICATION AND ACCREDITATION

ESHRE CERTIFICATION FOR NURSES AND MIDWIVES
» Introduced in 2015
» 2017: 3rd edition of the exam
» Includes validation of a logbook and an exam
» Validates experience, skills and knowledge of nurses and midwives involved in reproductive health

ESHRE CERTIFICATION FOR REPRODUCTIVE ENDOSCOPIC SURGEONS (ECRES)
» Two-level programme (Primary and Master)
» Introduced in 2013
» Validates hysteroscopic and laparoscopic skills
» Assessment of both practical and theoretical skills

ESHRE/EBCOG CENTRE ACCREDITATION FOR SUBSPECIALIST TRAINING IN REPRODUCTIVE MEDICINE
» Quality label for specialist centres
» Attest good in-house facilities and expertise to provide adequate training for fertility professionals

RESULTS
Total nurses passed the exam in 2017: 7
Total number of certified individuals: 73

NURSES & MIDWIVES CERTIFICATION

<table>
<thead>
<tr>
<th></th>
<th>2017</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nº of received applications</td>
<td>21</td>
</tr>
<tr>
<td>Nº (% of valid applications)</td>
<td>90%</td>
</tr>
<tr>
<td>Nº of all participants</td>
<td>17</td>
</tr>
<tr>
<td>Nº passed</td>
<td>7</td>
</tr>
</tbody>
</table>

ECRES LEVELS 2017

<table>
<thead>
<tr>
<th></th>
<th>Primary</th>
<th>Master</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nº of all participants</td>
<td>28</td>
<td>5</td>
</tr>
<tr>
<td>Nº of participants passing the tests</td>
<td>18</td>
<td>2</td>
</tr>
<tr>
<td>Nº of certified surgeons (fulfilled all requirements and received the certificate)</td>
<td>4</td>
<td>1</td>
</tr>
</tbody>
</table>

4 CERTIFICATES FOR THE ECRES PRIMARY LEVEL WERE ISSUED
1 CERTIFICATE FOR THE ECRES MASTER LEVEL WAS ISSUED

Country | City | Center & address
---|------|-------------------
Greece | Larissa | University Hospital of Larissa
Spain | Madrid | IVI Madrid
Sweden | Stockholm | Karolinska Universitet Hospital
Sweden | Uppsala | Uppsala University Hospital
Greece | Athens | First Department, University of Athens Medical School
Italy | Milan | Humanitas Research Hospital, Department of Gynecology, Division of Gynecology and Reproductive Medicine, Humanitas Fertility Center via Manzoni 56, Rozzano (Milan) Italy
Belgium | Brussels | Universitair Ziekenhuis Brussel (VUB)
Greece | Thessaloniki | Aristotle University of Thessaloniki
Belgium | Leuven | University Hospital Gasthuisberg
Austria | Vienna | Vienna University Hospital (AKH): Clinical Division of Gynaecologic Endocrinology and Reproductive Medicine
Slovenia | Ljubljana | University Medical Centre Ljubljana, Division of Obstetrics and Gynaecology, Department of Human Reproduction
Slovenia | Maribor | Hospital Univerzitetni Klinični Maribor
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FINANCES

€ 7 437 903.44 INCOME 2017
€ 6 512 611.09 EXPENDITURE 2017
€ 925 292.35 NET RESULT 2017

POSITIVE NET BALANCE OF € 925 292.35

DECREASE IN NET RESULT OF AROUND 27.5%

THE APPROPRIATION ACCOUNT AS OF 31 DECEMBER 2017 SHOWED A TOTAL OF € 14 608 935.13

ESHRE MAINTAINS A SOUND FINANCIAL BALANCE

INCOME 2017

Annual Meetings 67.33%
Publications 13.25%
Live Educational Activities 7.31%
Membership 4.48%
Exchange Activities 3.72%
Interests & other Financial Income 3.69%
Certification 0.24%

EXPENSES 2017

Annual Meetings 47.34%
Operational Costs (Central Office) 24.71%
Special Interest Groups (Campus Meetings, e-Learning, Guidelines) 10.22%
Exchange Activities & Third Party Support 6.50%
Committee & Expert Meetings 3.58%
Financial Costs 2.52%
Communication & Press Activities 1.91%
Certification / Accreditation 1.75%
Taxes 0.67%
Surveys & Data Collection 0.66%
Working Groups 0.14%

Annual Meeting 47.34%
Operations 24.71%
Special Interest Groups 10.22%
Exchange Activities 6.50%