



ESHRE – European Society of Human Reproduction and Embryology

Welcome and introducing ESHRE

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ESHRE guidelines for the diagnosis and treatment of endometriosis.

Presentation and interactive discussion

ESHRE Campus Hungary, 26 February 2010



Conflict of interest/potential bias

Full Professor and Head

1st Department of Obstetrics and Gynaecology

Semmelweis University Faculty of Medicine

No conflict of interest



What is ESHRE?

The European Society of Human Reproduction and Embryology was founded in 1985.

Mission Statement:

- to promote interest in, and understanding of, reproductive science and medicine. It does this through facilitating research and subsequent dissemination of research findings in human reproduction and embryology to the general public, scientists, clinicians and patient associations; it also works to inform politicians and policy makers throughout Europe.
- to promote improvements in clinical practice through organising teaching, training and continuing medical education activities, developing and maintaining data registries and implementing methods to improve safety and quality assurance in clinical and laboratory procedures.



ESHRE Membership

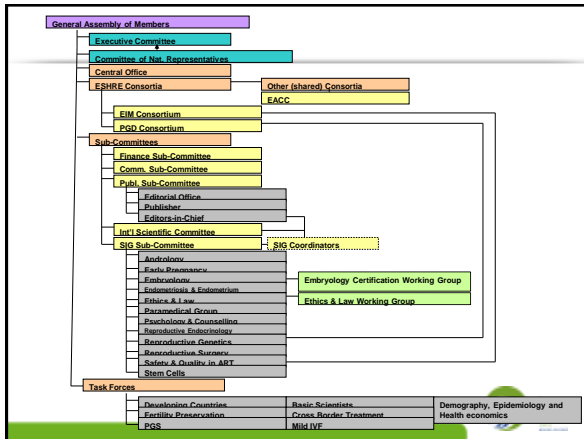
- ESHRE represents over 5,300 members (infertility specialists, embryologists, geneticists, stem cell scientists, developmental biologists, technicians and nurses)
- Overall, the membership is distributed over 114 different countries, with 50% of members from Europe (EU). 11% come from the US, India and Australia.



Executive Committee 2009/2011

Chairman	• Luca Gianaroli	Italy
Chairman Elect	• Anna Veiga	Spain
Past Chairman	• Joep Geraedts	Netherlands
	• Jean François Guérin	France
	• Timur Gürgan	Turkey
	• Ursula Eichenlaub-Ritter	Germany
	• Antonis Makrigiannakis	Greece
	• Miodrag Stojkovic	Serbia
	• Anne-Maria Suikkari	Finland
	• Carlos Plancha	Portugal
	• Françoise Shenfield	United Kingdom
	• Etienne Van den Abbeel	Belgium
	• Heidi Van Ranst	Belgium
	• Veljko Vlaisavljevic	Slovenia
	• Søren Ziebe	Denmark





ESHRE Activities – Annual Meeting

- One of the most important events in reproductive science and medicine
- Steady increase in terms of attendance and of scientific recognition

Track record:
 ESHRE 2008 – Barcelona: 7559 participants
 ESHRE 2009 – Amsterdam: 8132 participants

Future meetings:
 ESHRE 2010 – Rome, 27-30 June 2010
 ESHRE 2011 – Stockholm, 3-6 July 2011



Annual Meeting

Rome, Italy 27 June to 30 June 2010



Pre-congress courses (27 June):

- PCC 1: Cross-border reproductive care: information and reflection
- PCC 2: From gametes to embryo: genetics and developmental biology
- PCC 3: New developments in the diagnosis and management of early pregnancy complications
- PCC 4: Basic course on environment and human male reproduction
- PCC 5: The lost art of ovulation induction
- PCC 6: Endometriosis: How new technologies may help
- PCC 7: NOTES and single access surgery
- PCC 8: Stem cells in reproductive medicine
- PCC 9: Current developments and their impact on counselling
- PCC 10: Patient-centred fertility care
- PCC 11: Fertility preservation in cancer disease
- PCC 12: ESHRE journals course for authors



Annual Meeting – Scientific Programme (1/2)

Rome, Italy 27 June to 30 June 2010

- Molecular timing in reproduction
- Rise and decline of the male
- Pluripotency
- Preventing maternal death
- Use and abuse of sperm in ART
- Live surgery
- Emerging technologies in the ART laboratory
- Debate: *Multiple natural cycle IVF versus single stimulated cycle and freezing*



Annual Meeting – Scientific Programme (2/2)

- Fertility preservation
- Congenital malformations
- ESHRE guidelines
- Data from the PGD Consortium
- European IVF Monitoring 2007
- Debate: *Selection of male/female gametes*
- Third party reproduction in the United States
- Debate: *Alternative Medicine, patients feeling in control?*
- Historical lecture: "Catholicism and human reproduction"



ESHRE Activities – Scientific Journals

Human Reproduction with impact factor 3.773



Human Reproduction Update with impact factor 7.590



Molecular Human Reproduction with impact factor 2.537



ESHRE Activities – Campus and Data Collection

- Educational Activities / Workshops
 - Meetings on dedicated topics are organised across Europe
 - Organised by the Special Interest Groups
 - Visit: www.eshre.com under CALENDAR
- Data collection and monitoring
 - EIM data collection
 - PGD data collection
 - Cross border reproductive care survey



Special Interest Groups (SIGs)

The SIGs reflect the scientific interests of the Society's membership and bring together members of the Society in sub-fields of common interest

- | | |
|-----------------------------|----------------------------|
| Andrology | Psychology & Counselling |
| Early Pregnancy | Reproductive Genetics |
| Embryology | Reproductive Surgery |
| Endometriosis / Endometrium | Stem Cells |
| Ethics & Law | Reproductive Endocrinology |
| Safety & Quality in ART | |



Significance of endometriosis

- ~10% women of reproductive age
- Associated with pelvic pain and infertility
- Economical consequences
- Unknown etiology

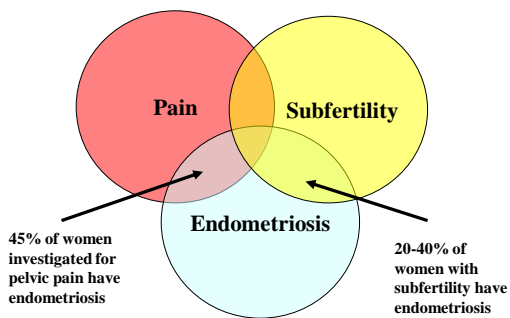


Etiology

- Ectopic transplantation of endometrial tissue
- Coelomic metaplasia
- Induction theory



Endometriosis symptoms



Diagnosis and therapy

Diagnosis: Laparoscopy (visualization / histology)

Promising non-invasive techniques

Classification: (rAFS, Enzian)

Therapy: Surgical

Medical

Standardisation of the diagnosis and therapy is needed

ESHRE guidelines for endometriosis