

PRELIMINARY PROGRAM



ADVANCING REPRODUCTIVE MEDICINE ^{TO}
BUILD HEALTHY FAMILIES
OCTOBER 28 - NOVEMBER 1, 2017

INSIDE this program

OPENING CEREMONY	2
ASRM WELCOME.....	3
ASRM SCIENTIFIC CONGRESS PLANNING COMMITTEES	4
ASRM OFFICERS AND BOARD OF DIRECTORS.....	4
ASRM SCIENTIFIC CONGRESS POLICIES AND DISCLAIMERS	5
REGISTRATION AND MEETING INFORMATION	5-7
HOUSING INFORMATION	8
CONTINUING MEDICAL EDUCATION / CONTINUING EDUCATION.....	9
DISCLOSURE STATEMENTS AND CONFLICT OF INTEREST POLICY....	9
PRE-CONGRESS PROGRAM	10-31
ASRM 5K RUN INFORMATION ...	32
NEEDS ASSESSMENT AND LEARNING OBJECTIVES.....	33
TICKETED EVENTS.....	34-35
WHAT'S NEW	35
EXPERT ENCOUNTERS	35
SCIENTIFIC CONGRESS DAILY SCHEDULE.....	36-42
SCHEDULE GRID	43-45
ROUNDTABLES	46-52
ASRM IS PAPERLESS.....	53
FUTURE CONGRESSES	55



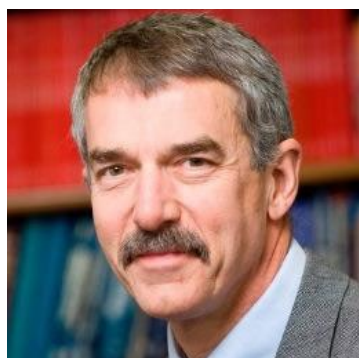
JOIN US FOR OUR Opening Ceremony

Monday, October 30th, 7:45 am – 8:45 am
in the Henry B. Gonzalez Convention Center
Hemisfair Ballroom

Come hear ASRM President, Dr. Richard Paulson, discuss
the Society's accomplishments this year and plans for
"Advancing Reproductive Medicine to Build Healthy Families."

Plenary 1 will immediately follow in the same room.

A complimentary continental breakfast will be available
7:00 am – 7:45 am
in the
Hemisfair Ballroom Lobby



Welcome

to the historic city of San Antonio, Texas, and the 73rd annual meeting of the American Society for Reproductive Medicine. This year's ASRM Scientific Congress & Expo theme is "Advancing Reproductive Medicine to Build Healthy Families." As the theme implies, this Congress will encompass all aspects of reproductive medicine and technology, with a special focus on health. Dr. Anne Steiner, Chair of the Scientific Congress Program Planning Committee, Dr. Karine Chung, Chair of the Pre-Congress Program Committee, and members of their organizing teams have designed a comprehensive, provocative program for

Congress attendees. The agenda ranges from the latest molecular and genetic technologies to advocacy for our patients with a focus on access to care. The program is designed to address the educational and intellectual needs of physicians, nurses, andrology and embryology laboratory personnel, genetic counselors, social workers, practice and laboratory managers, as well as practitioners in mental health, law, and ethics.

The Scientific Congress Continuing Medical Education (CME) course offerings will include a stimulating collection of plenary lectures, symposia, and interactive sessions, all supporting the theme of the Congress. Historical perspectives will be presented, as well as cutting-edge lectures on uterine transplantation, novel methods of contraception, menopausal therapy, and the basic science of spermatogenesis and embryo development. Faculty also will address pseudoscientific claims, provide perspectives on the dissemination of scientific information through the media, and contrast in vitro fertilization in humans with other animal species. The interactive sessions are designed to energize and stimulate discussion and interaction among participants, as they focus on a wide range of controversial topics. CME sessions will be complemented by non-CME activities including intimate, in-depth luncheons with recognized experts, and oral and poster-format scientific abstract presentations, representing cutting-edge research in reproductive medicine and biology.

Symposia will include those organized and presented by our international sister societies. Further, Dr. Chung and members of the Pre-Congress Program Committee have collaborated with our affiliated societies and professional and special interest groups to present a wide range of Pre-Congress courses designed to meet the needs of clinicians, scientists, laboratory technologists, nurses, and other health-care and allied professionals.

We welcome our members, trainees, and colleagues from around the world to the ASRM Scientific Congress & Expo! We value your participation and engagement, and hope you will take advantage of the opportunities provided by the meeting to interact and network with colleagues.

I look forward to seeing you in historic San Antonio, where together, we will be "Advancing Reproductive Medicine to Build Healthy Families."

Sincerely,

Richard J. Paulson MD

Richard J. Paulson, M.D.
ASRM President 2016-2017

ASRM 2017 Scientific Congress Program Planning Committees

Richard J. Paulson, M.D., *President*

Anne Z. Steiner, M.D., M.P.H., *Scientific Congress
Program Chair*

Anuja Dokras, M.D., Ph.D., *Interactive Sessions Chair*

Keith A. Jarvi, M.D., *Roundtables Program Chair*

Dieter Egli, Ph.D., *Ad Hoc Committee Member*

Sangita K. Jindal, Ph.D., H.C.L.D., *Ad Hoc Committee Member*

Leslee Murphy, L.C.S.W., *Ad Hoc Committee Member*

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Reproductive Technology Program Chair*

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Surgeons Program Chair*

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Biologists and Technologists Program Chair*

Tara H. Simpson, Psy.D., *Mental Health Professional Group
Program Chair*

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Program Chair*

Michelle A. Keeyes, J.D., *Legal Professional Group Program
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Jody Thrash, M.B.A., *ASRM Education & Research
Program Administrator*

Nancy Bowers, B.S.N., R.N., M.P.H., *ASRM Manager,
Continuing Education*

ASRM VIDEO COMMITTEE

Tommaso Falcone, M.D., *Video Program Chair*

Balasubramanian Bhagavath, M.D.

T. Arthur Chang, Ph.D., H.C.L.D.

Michael L. Eisenberg, M.D.

Emilio Fernandez, M.D.

Antonio R. Gargiulo, M.D.

James M. Hotaling, M.D., M.S.

Kathleen Hwang, M.D.

Edward D. Kim, M.D.

Steven R. Lindheim, M.D.

Philip S. Li, M.D.

Marius Meintjes, D.V.M., Ph.D., H.C.L.D.

Ceana H. Nezhat, M.D.

ASRM Officers and Board of Directors 2015 – 2017

ASRM OFFICERS

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Christos Coutifaris, M.D., Ph.D.,
President-Elect

Peter N. Schlegel, M.D., *Vice President*

Owen K. Davis, M.D., *Immediate Past
President*

Rebecca Z. Sokol, M.D., M.P.H., *Past
President*

Catherine Racowsky, Ph.D., H.C.L.D.,
Secretary

George A. Hill, M.D., *Treasurer*

ASRM BOARD OF DIRECTORS AND THEIR MEMBER SOCIETIES

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Kevin J. Doody, M.D., H.C.L.D. (SART)

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Steven F. Palter, M.D.

Marc P. Portmann, M.T., M.H.A., E.L.D.

Togas Tulandi, M.D.

ASRM Scientific Congress Policies and Disclaimers

CANCELLATION POLICY

The American Society for Reproductive Medicine reserves the right to cancel this activity due to unforeseen circumstances. In the event of such cancellation, the full enrollment fee will be returned to the registrant.

REFUND/NON-ATTENDANCE POLICY

Cancellations received before or by September 1st will receive a full refund minus a \$150 processing fee. Cancellation requests must be submitted in writing. Cancellations received after September 1st will not be eligible for a refund.

ADA STATEMENT

The American Society for Reproductive Medicine fully complies with the legal requirements of the Americans with Disabilities Act (ADA) and the rules and regulations thereof.

Please notify the American Society for Reproductive Medicine, 1209 Montgomery Highway, Birmingham, Alabama, USA 35216, telephone 1-205-978-5000, a minimum of 10 working days in advance of the event if a reasonable accommodation for a disability is needed.

EQUAL OPPORTUNITY STATEMENT

The American Society for Reproductive Medicine values and promotes diversity among its members, officers, and staff. The Society prohibits discrimination toward any member or employee due to race, color, religion, age, gender, sexual orientation, national origin, citizenship, disability, military status, or other basis prohibited by law. ASRM strives to achieve gender, racial, and ethnic balance in hiring and governance. ASRM maintains policies, procedures, and personnel

actions that conform to the letter and spirit of all laws and regulations pertaining to equal opportunity and nondiscrimination in employment, appointments, and elections to office.

DISCLAIMER STATEMENT

The content and views presented in this educational activity are those of the faculty/authors and do not necessarily reflect those of the American Society for Reproductive Medicine. This material is prepared based on a review of multiple sources of information, but it is not exhaustive of the subject matter. Therefore, health-care professionals and other individuals should review and consider other publications and materials on the subject matter before relying solely upon the information contained within this educational activity to make clinical decisions about individual patients.

Registration and Information

How to Register

 **Register online @ www.asrmcongress.org and receive immediate confirmation!**
 **On-site in San Antonio, TX**

Choices may be limited on-site. Pre-registration is recommended.

On-site Registration Desk: Henry B. Gonzalez Convention Center

Friday, October 27	2:00 pm – 6:00 pm
Saturday, October 28	7:00 am – 6:00 pm
Sunday, October 29	7:00 am – 5:00 pm
Monday, October 30	7:00 am – 5:00 pm
Tuesday, October 31	7:00 am – 5:00 pm
Wednesday, November 1	7:00 am – 2:00 pm

Be Sure to Visit the Expo

Monday, October 30	9:00 am – 5:00 pm
Tuesday, October 31	9:00 am – 5:00 pm
Wednesday, November 1	9:00 am – 2:00 pm

Children under 16 are allowed on the Expo Floor only when accompanied/supervised by an adult.

Registration Information

PRE-CONGRESS COURSE REGISTRATION FEES

	Early Bird By 9/1/2017	Late/On-site After 9/1/2017
ASRM Member (Doctoral)		
One 1-day course	\$400	\$500
Two 1-day courses	\$720	\$905
One half-day course <i>(hands-on)</i>	\$450	\$500
ASRM Member (Non-Doctoral)		
One 1-day course	\$300	\$375
Two 1-day courses	\$540	\$675
One half-day course <i>(hands-on)</i>	\$450	\$500
Non-ASRM Member (Doctoral)		
One 1-day course	\$475	\$595
Two 1-day courses	\$855	\$975
One half-day course <i>(hands-on)</i>	\$500	\$550
Non-ASRM Member (Non-Doctoral)		
One 1-day course	\$375	\$470
Two 1-day courses	\$675	\$845
One half-day course <i>(hands-on)</i>	\$500	\$550
Medical Resident-in-Training, Fellow, Team Member from your office/practice		
One 1-day course	\$300	\$350
Two 1-day courses	\$540	\$625
One half-day course <i>(hands-on)</i>	\$450	\$500

SCIENTIFIC CONGRESS REGISTRATION FEES

	Early Bird By 9/1/2017	Late/On-site After 9/1/2017
ASRM Member (Doctoral)	\$625	\$725
ASRM Member (Non-Doctoral)	\$525	\$625
ASRM Life Member	\$425	\$525
Fellow <i>(Proof-of-status letter from chair/dept. head required)</i>	\$425	\$525
Non-ASRM Member (Doctoral)	\$925	\$975
Non-ASRM Member (Non-Doctoral)	\$675	\$750
Team Member from your office/practice	\$425	\$525
Medical Resident-in-Training	\$125	\$125
Full-time Student <i>(Full-time medical students and full-time graduate students working toward first doctorate; documentation required)</i>	\$100	\$100

TICKETED EVENTS

Spouse/Guest Program <i>(Spouse/guest registration badge includes Opening Ceremony, Expo Hall, and Plenary Sessions, Hospitality Room Monday - Wednesday)</i>	\$125	\$125
Roundtable Luncheons <i>(Includes lunch. You may attend only one Roundtable Luncheon per day.)</i>	\$55/day	
Expert Encounters <i>(Includes lunch. You may attend only one Expert Encounter per day.)</i>	\$40/day	
SREI Members' Retreat <i>Sunday, October 29, 2017, 8:00 am - 3:45 pm</i>	\$250	
Workshop <i>Sunday, October 29, 2017, 3:00 pm - 5:00 pm Personal Finance for Physicians</i>	\$25	
Women's Council Breakfast <i>Tuesday, October 31, 2017, at 7:00 am</i>	\$40	
8th Annual ASRM 5K Run & Walk <i>Tuesday, October 31, 2017, at 6:00 am</i>	\$50	
More Than a Mother By Merck KGaA, Darmstadt, Germany in partnership with Africa Fertility Society <i>Tuesday, October 31, 2017, at 12:30 pm - 1:30 pm (includes lunch)</i>	\$10	

MORNING POSTER SESSIONS

Poster Sessions will be held on
Tuesday and Wednesday
mornings from
7:00 am until 8:30 am

Complimentary
continental breakfast
will be available.

No reservation is required.

Registration Information

Book in the ASRM Housing Block and save \$50 off registration fees!

Individual Registration for the ASRM 2017 Scientific Congress & Expo opens April 12, 2017

Use your ASRM 2017 Preliminary Program as a guide to register for the courses you wish to attend.

Group Registration for the ASRM 2017 Scientific Congress & Expo opens April 12, 2017

For questions, please call (866) 471-7224 or (703) 449-6418 or email asmregistration@spargoinc.com

To register, visit:

1. www.asrmcongress.org and click on
2. **ASRM Congress** and then
3. **Register for 2017 Scientific Congress & Expo**

Register early to take advantage of discounted rates!

Early Bird Deadline 9/1/2017

**Cancellations received before or by September 1, 2017,
will receive a full refund minus a \$150 processing fee.**

**Cancellations received after September 1, 2017,
WILL NOT BE ELIGIBLE FOR A REFUND.**

**Cancellation requests must be submitted in writing to
asmregistration@spargoinc.com**

**For those attendees requiring visas, the online visa form will display
once you complete your registration. We suggest that you register early
and submit your visa application in a timely manner.**

**Cancellations received after September 1, 2017,
WILL NOT BE ELIGIBLE FOR A REFUND.**

ADMISSION BADGES

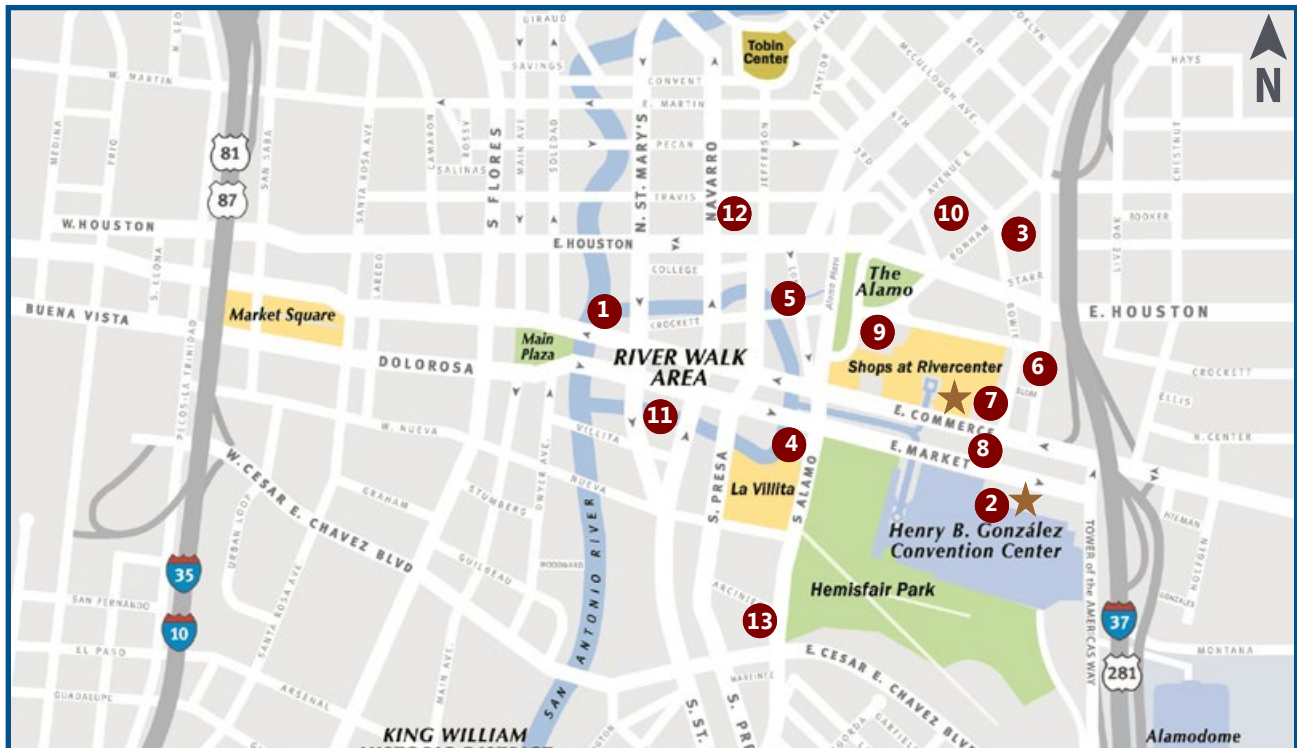
Name badges will be issued for the Pre-Congress and Scientific Congress and are required for admission. Spouse/guest badges will be issued and are required for admission to the Opening Ceremony, Plenary Sessions, and the Expo Hall. Badges must be worn at all times.

PHOTO/AUDIO/VIDEO RECORDING

Photographing or audio/video recording of any session for personal or commercial purposes without permission is prohibited.

San Antonio Hotel Information

	Hotels	Addresses	Distance to Convention Center
1	Courtyard San Antonio Riverwalk by Marriott	207 N. St. Mary's Street	5 blocks
2	Grand Hyatt San Antonio *Headquarters Hotel	600 East Market Street	Adjacent
3	Hampton Inn Riverwalk Downtown San Antonio	414 Bowie Street	4 blocks
4	Hilton Palacio del Rio	200 South Alamo Street	Across Street
5	Hyatt Regency San Antonio Riverwalk	123 Losoya Street	3 blocks
6	La Quinta Inn & Suites San Antonio Riverwalk/Convention Center	303 Blum Street	2 blocks
7	San Antonio Marriott Rivercenter *Exhibitor HQ	101 Bowie Street	1 block
8	San Antonio Marriott Riverwalk	889 E. Market Street	Across Street
9	The Historic Menger Hotel	204 Alamo Plaza	3 blocks
10	Residence Inn by Marriott Alamo Plaza	425 Bonham	5 blocks
11	The Westin Riverwalk	420 W. Market Street	3 blocks
12	The St. Anthony Hotel	300 E. Travis Street	4 blocks
13	Marriott Plaza San Antonio	555 South Alamo Street	1 block



Continuing Professional Development: Continuing Medical Education | Continuing Education Credits

ASRM Continuing Education Programs

The goal of ASRM is to sponsor educational activities that provide learners with the tools needed to conduct research, practice the best medicine, and provide the best, most current care to patients.

ASRM adheres to the Essentials and Policies of the Accreditation Council for Continuing Medical Education (ACCME). CME activities must address specific, documented, clinically important gaps in physician knowledge, competence, or performance; be documented to be effective at increasing physician knowledge, competence, performance, or outcomes; and conform to the ACCME Standards for Commercial Support.

All planners and presenters disclose commercial and financial relationships pertaining to reproductive medicine. These disclosures were reviewed by the Subcommittee for Standards for Commercial Support of the ASRM CME Committee and the Executive Program

Committee, which resolved perceived potential conflicts of interest.

How to Claim Continuing Medical Education/Continuing Education Credits

For Pre-Congress Courses:

- Attend your course.
- Complete an evaluation and a post-course assessment using a web link emailed to you one day after the course.
- Print your certificate.

For the Scientific Congress:

- Attend the Congress sessions of your choice.
- Complete an evaluation and a post-Congress assessment for the sessions you attended using a web link emailed to you one day after the Congress.
- Print your certificate.

Final date to claim credit is December 31, 2017.

Email questions to education@asrm.org

The following may receive honoraria and/or discounted or free registration: Plenary, Symposia, and Interactive Session speakers, and Pre-Congress faculty. Honoraria are not provided for Roundtable presenters, Oral and Poster Abstract presenters, and Video presenters.

Disclosures of faculty and presenters for the Pre-Congress and Scientific Congress may be in a presentation slide, printed material, or oral statement, and will be printed in the ASRM Final Program. Abstract authors' disclosures will be printed in the 2017 Program Supplement. Roundtable and Expert Encounter presenters should provide a copy of their disclosure to participants at their table.

The Accreditation Council for Continuing Medical Education (ACCME)

The American Society for Reproductive Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

ASRM 2017 Scientific Congress Designation Statement

The American Society for Reproductive Medicine designates this live activity for a maximum of 15.75 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

ASRM 2017 Pre-Congress Program Designation Statement

The American Society for Reproductive Medicine designates Pre-Congress courses 1-20 for a maximum of 6.5 AMA PRA Category 1 Credits™ per course. Courses 21 and 22 are approved for a maximum of 4.0 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

The American College of Obstetricians and Gynecologists

Application has been made to the American College of Obstetricians and Gynecologists for assignment of Cognates to the Scientific Congress and for Pre-Congress Courses 1-6 and 8-22.

American Board of Bioanalysis (ABB)

Application has been made to the American Board of Bioanalysis for Professional Enrichment Education Renewal (PEER) credits for the Scientific Congress and select Pre-Congress Courses.

Nursing Credits: National Association of Nurse Practitioners in Women's Health (NPWH)

Application has been made to the Continuing Education Approval Program of the National Association of Nurse Practitioners in Women's Health for the Scientific Congress and Pre-Congress Course 16.

American Psychological Association (APA)

The Mental Health Professional Group (MHPG) of the American Society for Reproductive Medicine is approved

by the American Psychological Association to sponsor continuing education for psychologists. MHPG maintains responsibility for this program and its content. CE credits will be available for Pre-Congress Courses 6 and 17; MHPG Symposia; MHPG Clinical Sessions; and other selected sessions.

National Association of Social Workers (NASW)

Application has been made to the National Association of Social Workers for Pre-Congress Courses 6 and 17.

National Society of Genetic Counselors (NSGC)

Application has been made to the National Society of Genetic Counselors (NSGC) for Category 1 contact hours for select sessions in the Scientific Congress and Pre-Congress Courses 4 and 16. Participants requesting NSGC CEUs will have a service fee of \$30 added to their meeting registration to cover payment to the National Society of Genetic Counselors for the filing and awarding of CEU certificates.

PRE-CONGRESS PROGRAM COMMITTEE

Karine Chung, M.D., M.S.C.E.,
Chair

Irene Su, M.D., M.S.C.E.,
Co-Chair

Cigdem Tanrikut, M.D., F.A.C.S.,
Coordinating Chair

WEEKEND COURSES DATES:

Saturday, October 28th

Sunday, October 29th

HOURS:

8:15 am – 5:00 pm

Lunch is from Noon – 1:00 pm

Courses PC01-PC10 are
1-day courses on Saturday

Courses PC11-PC20 are
1-day courses on Sunday

Courses PC21 and PC22 are
half-day hands-on courses
on Sunday

Pre-Congress course syllabi
will be posted online only in
October 2017 for registered
PC course participants.
Electronic copies may
be downloaded in the
registration area.

ASRM 2017 PRE-CONGRESS PROGRAM

SATURDAY, OCTOBER 28, 2017

PC01

**Preimplantation Genetic Testing: Toward
Next-generation In Vitro Fertilization**

CME

Developed in Cooperation with SART, SRBT, and PGDSIG

Faculty

Svetlana Rechitsky, Ph.D. (Chair)

Reproductive Genetic Innovations LLC

Dagan Wells, Ph.D.

University of Oxford

James Grifo, M.D., Ph.D.

NYU Langone Medical Center

Dawn A. Kelk, Ph.D., H.C.L.D.

Yale University

Needs Assessment and Description

Single-embryo transfer requires a rigorous pre-selection of embryos for transfer, with the genetic contents representing one of the major factors for predicting in vitro fertilization (IVF) outcome. The introduction of next-generation technologies in preimplantation genetic testing further confirms that more than half of preimplantation embryos in IVF patients of advanced reproductive age are chromosomally imbalanced. As only 10% of recognized pregnancies are aneuploid, it is obvious that the majority of chromosomal imbalances are not surviving implantation, contributing significantly to low implantation and pregnancy rates. So it is not surprising that at least one third of IVF centers in the United States are utilizing preimplantation testing to avoid transfer of aneuploid embryos and improve assisted reproductive technology (ART) efficiency, which is still far from perfect. However, despite compelling evidence of aneuploidy impact on reproductive outcome, there are still reported failures to achieve such an improvement. This may be due to limitations of available diagnostic technology, invasiveness of the biopsy procedures, and differences in patient selection and interpretation of the results in pre-selection of embryos for transfer. These limitations must be addressed in light of recent progress in the next-generation technologies, along with the discussion of possible approaches to overcome them. An emerging problem in pre-selection of embryos for transfer is a high rate of genetic instability throughout preimplantation development, such as chromosomal mosaicism and segmental aneuploidy. While more research is clearly needed to investigate the actual origin and clinical

significance of these phenomena, the best policies in a clinical setting are yet unclear. This live course, designed for obstetric/gynecologic clinicians, specialty physicians, laboratory scientists and technologists, genetics professionals, nurses, and legal advisors, will examine the current diagnostic problems, as well as advantages and disadvantages of available technologies to better utilize the advances of preimplantation genetic testing in a wider ART application.

ACGME Competency

Medical Knowledge
Patient Care

Learning Objectives

At the conclusion of this course, participants should be able to:

1. Summarize the requirements and implications of the introduction of preimplantation testing as part of IVF.
2. Define standardized terminology and guidelines for good practice of preimplantation testing for ART patients.
3. Explain the limitations and advantages of introduction of next-generation technologies for preimplantation genetic testing and clinical relevance of the genetic instability detected by these sensitive techniques.

PC02 Treating with Cell-based Therapies What Cannot Be Treated with Drugs

Developed in Cooperation with RMSCBSIG

CME

Faculty

Carlos Simón, M.D., Ph.D. (Chair)
Valencia University, INCLIVA; Igenomix
Margot Damaser, Ph.D.
Lerner Research Institute
Kyle Orwig, Ph.D.
University of Pittsburgh School of Medicine
Rene Reijo Pera, Ph.D.
Montana State University

Needs Assessment and Description

Regenerative medicine offers the potential for replacement or repair of different types of cells within damaged tissues or the tissues themselves, typically through cell therapy or tissue engineering. Stem cells are critical to these approaches. However, many patients are seeking innovative treatments involving stem cells from various sources including reproductive tissues. Physicians and other caregivers are frequently confronted with patients requesting cell therapies for menopause, ovarian failure, infertility, and other diseases; frequently, these patients are encouraged to participate in unproven "stem cell/tissue therapies." The US Food and Drug Administration and other professional associations are trying to discourage these unapproved and unwarranted therapies while still maintaining enthusiasm for the development of reliable regenerative medicine research. While most of these breakthroughs are highly promising from a research perspective, and typically are successful using inbred strains of certain mouse models, the gap between the announcement of a breakthrough in lay publications and its actual successful translation to the clinic as a responsible and reliable therapy can

take many years. This live course is designed for a wide variety of clinicians, researchers, and advisors in obstetrics/gynecology, urology, genetics, pediatrics, surgery, and oncology, including physicians, laboratory scientists and technicians, genetic counselors, and mental health, nursing, and legal professionals, and will address emerging stem cell therapies and tissue engineering approaches as they apply to reproductive and urology disorders, review clinically relevant animal studies, as well as outcomes of clinical trials, and provide insight into the long process for safely translating them to routine clinical practice.

ACGME Competency

Medical Knowledge
Patient Care
Systems-based Practice

Learning Objectives

At the conclusion of this course, participants should be able to:

1. Summarize potential regenerative tissue therapies and their applications in regenerative medicine, urology, and reproductive medicine.
2. Discuss stem cell research in progress for generation of artificial gametes.
3. Summarize potential cell therapies in the management of secretory azoospermia, Asherman's syndrome, and urological disorders.
4. Discuss the potential application of regenerative medicine for fertility preservation in males and females.

PC03 Hormonal Contraception over the Reproductive Lifespan

Developed in Cooperation with CSIG, MOISIG, and PAGSIG

CME

Faculty

Lisa Haddad, M.D., M.S. (Co-chair)
Emory University School of Medicine
Robert A. Wild, M.D., Ph.D., M.P.H. (Co-chair)
Oklahoma University Health Sciences Center
Beth W. Rackow, M.D.
Columbia University Medical Center
Xiomara Santos, M.D.
Orlando Health

Needs Assessment and Description

Unintended pregnancy remains a significant public health burden. Appropriate hormonal contraceptive use requires an understanding of benefits and risks. Misconceptions, particularly regarding patient selection and optimal choice, continue to limit appropriate use. This live course is designed for physicians and allied health professionals who provide contraceptive care for adolescent, reproductive-age, and perimenopausal women and provides fundamental tools to appropriately counsel, initiate, and discontinue (when and how) contraception for women throughout their lifespan. Hormonal mechanisms of action and physiologic bleeding in these patients will be reviewed, and using case-based discussion, participants will apply United States Medical Eligibility Criteria for Contraceptive Use and select hormonal contraceptives for women with complex medical conditions. Discussion will include the return of fertility upon discontinuation of contraceptives, impact of hormonal contraceptives on chronic disease states (cancer prevention, atherosclerosis), bone development with depot medroxyprogesterone acetate in early and late reproductive years, and lipid screening through the lifespan. Best practices in contraceptive care for women with endometriosis and primary ovarian insufficiency will be presented along with the effects of surgical treatment.

ACGME Competency

Patient Care

Learning Objectives

At the conclusion of this course, participants should be able to:

1. Discuss unique contraceptive concerns for women in adolescence and reproductive years, and through menopause.
2. Select optimum contraceptive options for women with a variety of medical conditions using the latest data and tools.
3. Effectively counsel women regarding hormonal contraceptive advantages and disadvantages.

PC04 Genetic Screening and Evaluation of Gamete Donors: An Overview of Current Guidelines and Trends

CME

Developed in Cooperation with GCSIG, LPG, and MHPG

Faculty

Amy Vance, M.S., L.C.G.C. (Chair)
Bay Area Genetic Counseling
 Lauren Isley, M.S., L.C.G.C.
Counsyl
 Claudia Pascale, Ph.D.
The Institute for Reproductive Medicine and Sciences
at Saint Barnabas
 Lisa A. Rinehart, J.D., R.N., B.S.N.
LegalCare Consulting, Inc.

Needs Assessment and Description

The 2013 ASRM Practice Committee opinion "Recommendations for gamete and embryo donation" supports gamete providers in establishing criteria for donor eligibility based on genetic test results or findings that may be associated with a heritable disorder. However, specific methods and protocols to identify these genetic risks have not been established, and practices are variable in the gamete industry. The aim of this live, interprofessional course is to cover a variety of issues related to genetic screening and evaluation of semen and oocyte donors. Designed for reproductive medicine clinicians, endocrinologists, nurses, genetic counselors, third-party coordinators, legal professionals, mental health professionals, and reproductive endocrinology and infertility practice managers, this course will address several different clinical and legal aspects of the donor genetic screening process, including personal and family history evaluations, mental health evaluations, genetic testing, consenting, and newly identified risks related to long-term follow-up of donors and donor-conceived individuals. The 2015 ASRM gap-analysis data indicate an educational need for topics related to semen and oocyte donor screening.

ACGME Competency

Patient Care

Interprofessional Competency

Interprofessional Teamwork and Team-based Care
 Interprofessional Communication

Learning Objectives

At the conclusion of this course, participants should be able to:

1. Describe the different aspects of gamete donor screening that are crucial to make a determination of eligibility for a donor.
2. Identify existing professional guidelines related to gamete donor screening and detect when these guidelines may differ from current practices.
3. Summarize basic information about genetic carrier screening for donors and intended parents.
4. Discuss the roles of the various health-care professionals required to effectively screen gamete donors and identify strategies for interprofessional communication and team-based care.

PC05 **Leiomyomas: Pregnancy Loss, Health Disparities, and Therapeutic Options**

Developed in Cooperation with SRS, FSIG, EPSIG, and HDSIG

CME

Faculty

William H. Catherino, M.D., Ph.D. (Chair)

Uniformed Services University

Jeffrey M. Goldberg, M.D.

Cleveland Clinic

Ayman Al-Hendy, M.D., Ph.D.

Augusta University

Sacha Krieg, M.D., Ph.D., F.A.C.O.G.

Oregon Health & Science University

Needs Assessment and Description

Uterine leiomyomas are present in 70%–80% of women by the end of their reproductive years and are the most frequent cause for hysterectomy. In this live course, participants will learn about the structural and molecular mechanisms by which leiomyomas interact with the endometrium to result in implantation failure, pregnancy loss, and the need for in vitro fertilization (IVF). This information will be placed into the context of differences in racial predilection. In addition, participants will learn about the latest advances in medical management and advances in surgical intervention, including the role of laparoscopic and robotic surgery morcellation and US Food and Drug Administration regulation, all with the goal to minimize

pregnancy loss, diminish symptoms, and improve IVF outcomes. The course is designed for a wide range of health-care professionals, including general obstetric/gynecologic practitioners, infertility specialists, primary care practitioners, urogynecologists, general urologists, gynecologic oncology specialists, maternal-fetal medicine specialists, nurse midwives, nurse practitioners, nurse specialists in various gynecologic subspecialties, and the lay population.

ACGME Competency

Medical Knowledge

Patient Care

Systems-based Practice

Learning Objectives

At the conclusion of this course, participants should be able to:

1. Assess the impact of leiomyomas on implantation, pregnancy, and assisted reproductive technology.
2. Discuss the role that race plays in the development of fibroids, the symptoms associated with the disease, and the outcomes of therapy.
3. Identify therapies that may provide therapeutic benefit to women suffering from fibroids.

PC06 Understanding Endometriosis: Medical Overview, Old and New Diagnostics, Psychological Support Interventions, Nutritional Guidelines, and Best Care Practices

Developed in Cooperation with EndoSIG and MHPG

CME

Faculty

Julia T. Woodward, Ph.D. (Chair)
Duke University Health System
 Bruce A. Lessey, M.D., Ph.D.
Greenville Health System - University of South Carolina
School of Medicine
 Danielle A. Kaplan, Ph.D.
NYU School of Medicine
 Dian Shepperson Mills, M.A.
The Endometriosis and Fertility Clinic

Needs Assessment and Description

Endometriosis is a common, but often misunderstood, disease affecting women across the lifespan. Yet many clinicians and other care providers are not familiar with the etiology, diagnosis, treatment options, and complications of endometriosis. The disease may significantly impact quality of life and daily functioning. In some cases, exacerbation of symptoms may impact relationships, social and work activities, and sexual functioning, as well as affect fertility. Up to 85% of unexplained subfertility is due to undiagnosed endometriosis and there is an 11-year lag in diagnosis that is only growing in the setting of assisted reproductive technology.

This live interprofessional course is designed to enable mental health professionals, medical practitioners, nurses, and allied health-care providers to utilize best care practices, clarify common misconceptions and odd aspects of the disease, identify old and new diagnostic procedures including biomarkers for diagnosis, provide effective techniques for quality-of-life management and pain assessment, utilize psychological interventions for symptom relief, and recommend nutritional guidelines. New data on endometriosis as a cause of infertility and recurrent pregnancy failure will be presented.

ACGME Competency

Medical Knowledge
 Patient Care
 Interpersonal and Communication Skills

Interprofessional Competency

Interprofessional Teamwork and Team-based Care

Learning Objectives

At the conclusion of this course, participants should be able to:

1. Review the diagnosis and symptoms of endometriosis and identify common misconceptions, odd aspects, and new biomarkers of the disease.
2. Discuss endometriosis as a cause of infertility and recurrent pregnancy failure.
3. Assess quality of life, pain management, and psychosocial functioning in women with endometriosis.
4. Describe how psychological interventions including cognitive behavioral therapy, mindfulness-based cognitive therapy, meditation, and stress management skills can be used to lessen symptoms of endometriosis-related discomfort and distress.
5. Discuss the role of nutrition and the effects of environmental toxins in endometriosis care.
6. Utilize a team-based approach to integrate comprehensive care practices for women with endometriosis.

PC07 Approach to Comprehensively Manage Your Male Clients' Needs: From Sexual Dysfunction and Poor Semen Quality to Genetic, Psychological, and Aging Issues

Developed in Cooperation with SMRU, SRS, SRBT, SART, and MHPG

CME

Faculty

Peter T. K. Chan, M.D., C.M., M.Sc., F.R.C.S.I.C., (Chair)
McGill University Health Center
Paul R. Shin, M.D.
Urologic Surgeons of Washington
Dolores J. Lamb, Ph.D.
Baylor College of Medicine
William D. Petok, Ph.D.
Thomas Jefferson University, Sidney Kimmel Medical College

Needs Assessment and Description

The significance of optimizing male reproductive status in maximizing the overall success of assisted reproduction has been gradually recognized. In reality, men are less health oriented when compared with female partners. Particularly when it comes to potentially embarrassing health issues such as infertility and sexual dysfunction, men are often unwilling to face the relevant issues to explore solutions to resolve problems early on. Simultaneously, due to a poorly recognized knowledge gap, health-care professionals in reproductive medicine are generally not well equipped to handle the wide spectrum of men's health issues ranging from psychosocial stress, poor sperm quality, sexual dysfunction, to male-related genetic issues. As a result, male partners' needs in reproductive care are often ignored. A well-coordinated interprofessional approach, through the collaborative efforts of a multidisciplinary team of health-care professionals including nurses, embryologists, andrologists, urologists, reproductive endocrinologists, and mental health professionals, is the key to successful management of these couples.

In this live course, a panel of expert male reproductive medicine professionals will present management strategies for male-related bio-psycho-social issues in a series of challenging cases with the goal to optimize male reproductive health, leading ultimately to improved assisted reproductive outcomes and patient satisfaction. Topics will include: tips on psychosocial counseling of the male partner before and after assisted reproduction; how to optimize male sexual and reproductive health; various men's health issues related to aging, lifestyle, metabolic status, and environmental hazards; tips on surgical sperm retrieval; an advanced

approach to evaluate sperm quality at the molecular levels; how to select best sperm for intracytoplasmic sperm injection using various new approaches on the horizon; and how to integrate other health-care professionals to build an effective multidisciplinary team.

ACGME Competency

Patient Care

Interprofessional Competency

Interprofessional Teamwork and Team-based Care
Interprofessional Communication

Learning Objectives

At the conclusion of this course, participants should be able to:

1. Describe the indications of various evaluation approaches to common men's physical and mental health issues seen in patients undergoing fertility care.
2. Outline counseling, medical, and surgical management strategies to enhance the general and reproductive health of the male partner in infertile couples.
3. Discuss ways to optimize the quality of sperm to be used with assisted reproduction to minimize reproductive failure.
4. Develop team-based strategies for multidisciplinary care and communication for these patients.

PC08 Growing Your Reproductive Endocrinology and Infertility Practice in a Competitive Marketplace

Developed in Cooperation with ARM

CME

Faculty

Brad J. T. Senstra, M.H.A. (Chair)
Seattle Reproductive Medicine
 F. Richard Dietz, Jr., M.B.A.
Boston IVF
 Sheri Raymer, B.S.P.H., M.H.A.
IntegraMed
 Lindsey McBain, B.A.
Reproductive Medicine Associates of New Jersey
 Sara Mooney, B.A.
Seattle Reproductive Medicine
 Becky Waldman, R.N.
Vivere Health

ACGME Competency

Systems-based Practice

Learning Objectives

1. Assess growth opportunity in a practice market.
2. Utilize proven strategies to grow capacity within their practice.
3. Identify advantages and pitfalls of merging with or acquiring another practice.

Needs Assessment and Description

The fertility care market is growing throughout the United States and internationally. As a result, reproductive endocrinology and infertility (REI) practices need to increase their capacity or face increasing competition in their market. Practice administrators and managers face many challenges as they grow to meet this demand and contend with increasing competition. This live course is designed to help reproductive medicine physicians, allied health professionals, and business administrators develop tools to grow an REI practice in a competitive market by sharing ideas and processes, and potentially join forces with others to meet this increasing demand.

PC09 Scientific Manuscript Coaching: Maximize Your Likelihood of Publication in *Fertility and Sterility*® Developed in Cooperation with *Fertility and Sterility*®

CME

Faculty

Antonio Pellicer, M.D. (Co-chair)
Instituto Valenciano de Infertilidad
Craig S. Niederberger, M.D. (Co-chair)
University of Illinois at Chicago
Nicolás Garrido Puchalt, Ph.D., M.Sc.
Instituto Universitario IVI Valencia
Steven R. Lindheim, M.D., M.M.M.
Wright State University Booschoff School of Medicine
Kurt Barnhart, M.D.
University of Pennsylvania
Anne Z. Steiner, M.D., M.P.H.
University of North Carolina
Richard S. Legro, M.D.
Penn State University College of Medicine

Needs Assessment and Description

Publication of studies in reproductive medicine is central to advancement in the field. *Fertility and Sterility*® currently rejects approximately 80% of submitted manuscripts, often due to insufficiently designed studies, unsuitable analyses, incomplete checklists or submission requirements, and other addressable issues. Although much literature is available regarding how to write and submit scientific papers, interactive learning is required to educate authors. This course addresses that need based on communication among authors, reviewers, and editors as documented in *Fertility and Sterility*'s electronic peer-review system, EES. In this live course, physicians and scientists in reproductive medicine and biology will learn from the editors of *Fertility and Sterility* the keys to designing a good study and effectively communicating its results, as well as strategies for critically evaluating manuscripts.

Participants will have the opportunity on the following day to discuss their manuscripts in one-on-one sessions with a *Fertility and Sterility* editor, who will provide individualized feedback. Note that a single, full manuscript must be submitted to *Fertility and Sterility* before September 30, 2017, and appointments will be filled on a first-come, first-served basis.

ACGME Competency

Professionalism

Learning Objectives

At the conclusion of this course, participants should be able to:

1. Describe the different types of study designs, appropriate analyses, relevant checklists, disclosure procedures, and submission processes for reproductive medical communications.
2. Evaluate critically the scientific merit and value of a submitted manuscript.
3. Explain what constitutes ethical behavior in writing, reviewing, and publishing a scientific work in reproductive medicine.
4. Specify the various media resources available for readers, authors, and reviewers to interact in the communication of reproductive medical science.

PC10

Current Fertility Preservation and Its Future

Developed in Cooperation with ChSIG

CME

Faculty

Huai L. Feng, Ph.D., H.C.L.D. (Chair)
 New York-Presbyterian Health System Affiliate Weill
 Cornell Medical College
 Jie Qiao, M.D., Ph.D.
 Peking University Third Hospital
 Zi-Jiang Chen, M.D., Ph.D.
 Shandong University
 Ge Lin, M.D., Ph.D.
 Reproductive and Genetic Hospital of CITIC-XIANGYA

Needs Assessment and Description

Fertility preservation plays an important role in assisted reproductive medicine, particularly for cancer patients facing gonadotoxic therapy. Great progress has been achieved in techniques for oocyte vitrification, sperm and egg banking, ovary cryopreservation and transplantation, preservation of uterine function and uterine transplantation, assessments for oocyte quality and ovarian reserve, and their potential applications in in vitro fertilization clinical treatments. This live course for reproductive medicine practitioners, clinicians, scientists, and technologists will provide an update on multiple aspects of fertility preservation technology, introduce promising new techniques, and identify clinical strategies for achieving optimal patient outcomes.

ACGME Competency

Medical Knowledge
 Patient Care

Learning Objectives

At the conclusion of this course, participants should be able to:

1. Explain the necessity and indications for male fertility preservation and its current status.
2. Describe strategies to preserve the function of the uterus in young women, using experiences in China of abortion at young ages, and the use of intrauterine devices and cesarean section.
3. Discuss oocyte cryopreservation methods and classifications of vitrification devices and kits.
4. Explain the advancement of ovarian preservation and transplantation, limiting factors in their success, and options in the strategy and safety of ovarian tissue cryopreservation.
5. Introduce a new source for egg banking from laparoscopically retrieved immature oocytes using the technique of in vitro maturation.
6. Describe the physiological changes in antimüllerian hormone (AMH) across the lifespan, and identify reference ranges for women in childhood, adolescence, reproductive age, and advanced age.
7. Explore the association between AMH and assisted reproductive technology (ART) outcomes and the predictive value of AMH in older women, and determine age boundaries for women during ART treatment using AMH as a marker for ovarian reserve and a possible surrogate measure of reproductive aging.
8. Describe possible endogenous and exogenous factors responsible for oocyte aging, and explore the cellular and molecular changes along with oocyte aging.
9. Discuss potential strategies to improve oocyte quality in older women via decreasing meiotic chromosomal aberrations, enhancing mitochondrial functions and increasing expression of antioxidant genes.

SUNDAY, OCTOBER 29, 2017

PC11

Emerging Therapeutic Tools in the Assisted Reproductive Technology Laboratory **CME**
Developed in Cooperation with SRBT

Faculty

T. Arthur Chang, Ph.D., H.C.L.D. (Co-chair)
University of Texas Health Science Center
Rebecca L. Krisher, Ph.D. (Co-chair)
Colorado Center for Reproductive Medicine
Carlos Simón, M.D., Ph.D.
Valencia University, INCLIVA; Igenomix
Justin St. John, Ph.D.
Hudson Institute of Medical Research

Needs Assessment and Description

In recent years, rapid progress of technology in multiple areas of reproductive medicine, as well as novel technologies originally developed outside reproductive laboratories, have shown great potential that laboratory scientists and physicians may be able to utilize in the very near future. Emerging therapeutic tools, some with great promise while others carry a higher degree of uncertainty, will bring breakthroughs to our understanding of reproductive biology, and at the same time enhance the toolbox available for the laboratory to improve embryo quality and clinical outcomes. Stem cells, including embryonic stem cells (ESCs) and induced pluripotent stem cells (iPSCs), have been credible candidates to derive artificial gametes in vitro and formulate reproductive tissues in vitro or in vivo. The field of mitochondrial function study and replacement for therapeutic and reproductive purposes has seen steady progress under strict regulation and supervision. Gene editing (for example, clustered regularly interspaced short palindromic repeats [CRISPR]) has become one of

the fastest growing areas in biomedical science in the past few years. In addition, extended period embryo culture may shed new light on our knowledge of implantation mechanisms and explore paths toward increasing embryo competence. This live course for all clinicians and health-care professionals in reproductive medicine is designed to thoroughly discuss and address the current status, feasibility, and concerns regarding applications of these quickly evolving technologies in reproductive biology. Participants will have an opportunity to brainstorm possibilities to meet technical and ethical standards of professions.

ACGME Competency

Medical Knowledge
Patient Care

Learning Objectives

At the conclusion of this course, participants should be able to:

1. Identify the needs for new laboratory technologies to implement better embryo quality and improve clinical outcomes.
2. Describe the scientific basis and technical development of key emerging cellular and molecular reproductive technologies.
3. Discuss potential technical obstacles and ethical concerns regarding clinical application of new technologies.

PC12 Etiology, Implication, and Management of Preclinical Loss

Developed in Cooperation with EPSIG

CME

Faculty

William H. Kutteh, M.D., Ph.D., H.C.L.D. (Chair)
Vanderbilt University School of Medicine
 Mary D. Stephenson, M.D., M.Sc.
University of Illinois at Chicago
 Marius Meintjes, Ph.D., D.V.M., H.C.L.D.
Frisco Institute for Reproductive Medicine
 Bruce A. Lessey, M.D., Ph.D.
Greenville Health System - University of South Carolina
School of Medicine

Needs Assessment and Description

With close monitoring of pregnancies achieved through assisted reproductive technology (ART), and the availability of over-the-counter pregnancy tests, preclinical pregnancies and preclinical losses are being documented more frequently. Therefore, a thorough knowledge of laboratory factors that alter embryo quality combined with an understanding of factors affecting implantation and early embryonic development is essential for clinicians and scientists involved in reproduction. Faculty of this course will present some of the latest research in the fields of reproductive molecular biology, genetics, embryology, and immunology. The knowledge of such research will be applicable to the management of preclinical loss following ART and recurrent preclinical miscarriage. This live course is designed as an update on endometrial receptivity, endometrial-embryonic interactions, and the genetics of early pregnancy and will be of benefit to a wide variety of health-care professionals, including physicians, laboratory professionals, nurses, and other allied health-care providers.

ACGME Competency

Medical Knowledge
 Patient Care

Learning Objectives

At the conclusion of this course, participants should be able to:

1. Review the epidemiology of preclinical versus clinical loss.
2. Describe the molecular and immunological basis of endometrial receptivity and implantation.
3. Outline the genetics of preclinical loss including the frequency and distribution of cytogenetic abnormalities, and the origins of aneuploidy/polyplody.
4. Critically evaluate the management of recurrent preclinical miscarriage and preclinical loss following ART.

PC13 **Practical Management of Polycystic Ovary Syndrome: From Fertility to Long-term Health** **CME**

Developed in Cooperation with AESIG, and AE-PCOS Society

Faculty

Kathleen M. Hoeger, M.D., M.P.H. (Chair)

University of Rochester

Heather Huddleston, M.D.

University of California, San Francisco

Anuja Dokras, M.D., Ph.D.

University of Pennsylvania

Deborah B. Horn, D.O., M.P.H.

University of Texas, Houston

Needs Assessment and Description

Polycystic ovary syndrome (PCOS) is the most common reproductive endocrine disorder in women. It has a worldwide prevalence of at least 10%. Many women with PCOS struggle with concerns related to weight issues as well as experiencing difficulties with menstrual control and infertility. Diagnosis is often delayed and there is variable approach to the workup in clinical practice. There is a need for practical office-based diagnostic and management strategies that are evidence based. Practitioners will benefit from a comprehensive multidisciplinary approach to the management of PCOS to provide the latest information on hormonal therapy, fertility treatment, and weight loss strategies. This live course for physicians, nurse practitioners, nurses, psychologists, nutritionists, fellows, and residents will address questions regarding practical management of clinical situations in PCOS. This will include the proper diagnostic evaluation, assessment of metabolic status, use of hormonal therapy for menstrual control, evidenced-based fertility treatment, and weight loss strategies.

ACGME Competency

Medical Knowledge

Patient Care

Interpersonal and Communication Skills

Learning Objectives

At the conclusion of this course, participants should be able to:

1. Review the diagnostic criteria for PCOS and apply it to all ages of population.
2. Counsel women with PCOS on the best weight loss approaches.
3. Apply the best evidence-based approach to fertility and hormonal management in PCOS.

PC14

Ultrasound Imaging to Improve Fertility and Pregnancy Outcomes

Developed in Cooperation with IRMSIG and AIUM

CME

Faculty

Laura Detti, M.D. (Chair)
University of Tennessee Health Science Center
 Laurel Stadtmauer, M.D., Ph.D.
Jones Institute for Reproductive Medicine
 Michael Heard, M.D.
The Heard Institute
 James M. Shwayder, M.D., J.D.
University of Mississippi Medical Center

Needs Assessment and Description

This live course is aimed at closing the practice gap between “what we see on the ultrasound screen” and interpretation of the images to optimize patients’ fertility, pregnancy, and overall health. The course will provide a comprehensive overview of the use of ultrasound of the female pelvis for physicians, nurses, and ultrasonographers actively involved in gynecology, reproductive medicine, infertility, and early pregnancy. The course will fulfill Continuing Medical Education requirements for American Institute of Ultrasound in Medicine credentialing. The course will emphasize the use, interpretation, and applications of 3-D imaging, volume acquisition, and Doppler flow calculation. It will describe performance and optimization of special techniques, such as sonohysterography, for the assessment of uterine cavity morphology and tubal patency. A multidisciplinary approach with radiologists, reproductive endocrinologists, and gynecologists will ensure broad coverage of the discussed topics. Participants will be encouraged to actively take part in case presentations and discussions and will have opportunity for hands-on simulation in manipulating 3-D images.

ACGME Competency

Patient Care

Learning Objectives

At the conclusion of this course, participants should be able to:

1. Summarize the appropriate use of ultrasonography in the evaluation of benign pelvic pathology, müllerian anomalies, and infertility.
2. Discuss the importance of 3-D ultrasonography and Doppler blood-flow assessment in gynecology as well as in reproductive medicine and infertility.
3. Evaluate tubal patency by using ultrasound techniques such as sonohysterography.
4. Critically assess early pregnancy imaging to discern normal from abnormal and ectopic pregnancy.

PC15

Müllerian Anomalies and Infertility and Reproductive Consequences: Evaluation and Surgical Management

CME

Developed in Cooperation with SRS

Faculty

Samantha M. Pfeifer, M.D. (Chair)
Weill Cornell Medical College
Joseph Sanfilippo, M.D., M.B.A.
University of Pittsburgh
Staci E. Pollack, M.D., M.S.
Montefiore Medical Center/Albert Einstein College of Medicine

Needs Assessment and Description

Müllerian anomalies are rare conditions encompassing anatomical variations in uterine, cervical, and vaginal development. These anomalies may be asymptomatic but can also lead to pain, infertility, and other reproductive dysfunction. Most physicians and allied health professionals are not exposed to these conditions during training and as such have little experience in diagnosis and surgical management. With advances in minimally invasive surgical techniques as well as assisted reproductive technology, surgical management of these anomalies is still evolving. Reproductive surgeons are ideally suited to care for these individuals as they have surgical expertise in preservation of reproductive organs as well as knowledge regarding fertility treatment options. This live course is designed for reproductive endocrinologists, reproductive surgeons, adolescent specialists, and allied health professionals who care for women of reproductive age and want to further their knowledge regarding the consequences of müllerian anomalies with respect to infertility and

reproduction, as well as diagnostic strategies and surgical management. The course will address the diagnosis and surgical management of common and rare müllerian anomalies utilizing newer diagnostic modalities and surgical techniques. The focus of the lectures will also highlight consequences of these anomalies including their effect on fertility and reproduction. Presenting the diagnosis and management of müllerian anomalies will enhance understanding of these conditions for all health-care providers, and thereby facilitate treatment. In addition, familiarizing the participants with surgical techniques to correct these anomalies will further their skills and broaden the role of the reproductive surgeon.

ACGME Competency

Patient Care

Learning Objectives

At the conclusion of this course, participants should be able to:

1. Discuss the diagnosis of müllerian anomalies presenting in women of reproductive age.
2. Describe options for treating uterine and vaginal agenesis.
3. Illustrate surgical techniques for treating anomalies that cause clinical conditions such as recurrent pregnancy loss, dyspareunia, dysmenorrhea, and infertility.

PC16

Decisions, Decisions: A Framework to Help Patients Confront the Many Tough Choices in Reproductive Medicine

CME

Developed in Cooperation with NPG, LPG, GCSIG, and SART

Faculty

Erin A. Yontz, M.S., A.P.R.N., C.N.P. (Chair)
Kettering Health Network
 Susan L. Crockin, J.D.
Crockin Law & Policy Group, PLLC
 Jason M. Franasiak, M.D., T.S. (A.B.B.)
Reproductive Medicine Associates of New Jersey,
Thomas Jefferson University
 Jill M. Fischer, M.S., C.G.C.
Long Island University – Post

Needs Assessment and Description

From the initial decision to seek specialty care to making difficult decisions about the most delicate of procedures, patients undergoing assisted reproductive technology (ART) procedures are constantly being presented with choices. Throughout fertility treatment, every patient must make many decisions, some of which may have distressing consequences as they struggle to build their families.

Gap analysis indicates that professionals need education to better assist patients in a variety of areas including poor response and efficacy of adjunctive treatments, avoidance of multiple births without sacrificing pregnancy rates, disputes in embryo disposition, role and technical limitations of preimplantation genetic screening (PGS) results, and implications of and appropriate counseling for fertility preservation.

This live, interprofessional course for physicians, nurses, and genetics and legal professionals will explore these topics and build a framework with which to guide patients through the corresponding complicated and oftentimes paradoxical decisions throughout the course of treatment.

ACGME Competency

Patient Care
 Interpersonal and Communication Skills

Interprofessional Competency

Interprofessional Teamwork and Team-based Care
 Interprofessional Communication

Learning Objectives

At the conclusion of this course, participants should be able to:

1. Identify appropriate elements in the treatment of poor responders and associate the efficacy of adjunctive treatments which may be employed in plan of care.
2. Discuss the various options around frozen embryo disposition, including issues related to abandonment, donation, and consent vs agreement.
3. Explain elements of the nursing role in patient choice during ART treatment including fertility preservation for social or medical reasons.
4. Discuss the goals, techniques, limitations, and interpretation of PGS and carrier screening and examine the complex choices faced when patients consider both.
5. Utilize a team-based approach to integrate comprehensive care practices.

PC17

Caring for Donors, Gestational Carriers, and Intended Parents: Best Practice Protocols, Psychoeducation, Legal Protections, Support
Developed in Cooperation with MHPG and LPG

CME

Faculty

William D. Petok, Ph.D. (Chair)
Thomas Jefferson University, Sidney Kimmel Medical College
Paula Amato, M.D.
Oregon Health & Science University
Karen Hall, Ph.D.
The Center for Infertility Counseling and Support
Stephanie Caballero, J.D.
The Surrogacy Law Center, PLC

Needs Assessment and Description

The objective of this live, interprofessional course is to present the best practice protocols for mental health professionals, legal practitioners, and medical practitioners working in third-party reproduction. ASRM and ESHRE have published clear guidelines for third-party reproductive care, including screening of donors, gestational carriers, and psychoeducational consultations with intended parents. Practice settings for third-party services vary from academic faculties or "in house," where a clinician is a member of a multidisciplinary medical team, to contractors in a private practice setting engaged by one or more medical practices or commercial agencies. Legal professionals often provide services to all parties involved. The legal issues are complicated and require specific expertise in this area of law. It is hoped that the model of ethics, legal concerns, and standards of care presented in this course will encourage all practitioners to incorporate best practices in their interaction and treatment of oocyte donors, gestational carriers, and intended parents. Course attendees will be presented information on inclusive best care practices for the medical care, psychoeducation, screening, legal protection, and ongoing support for gamete donors, gestational carriers, and intended parents. The goal of these best care practices is to maximize success and ensure safety in third-party reproduction in an ethical context.

ACGME Competency

Professionalism
Systems-based Practice

Interprofessional Competency

Interprofessional Teamwork and Team-based Care

Learning Objectives

At the conclusion of this course, participants should be able to:

1. Implement the following best practice protocols:
 - Medical screening protocols, medical management of cycles for donors, gestational carriers, and intended parents.
 - Psychological assessment and psychoeducation of gestational carriers, oocyte donors, and intended parents with case study examples of ethical issues related to third-party reproduction.
 - Relevant legal concerns and case studies involving oocyte donors, gestational carriers, and intended parents, including discussion on recent and ongoing legislation which focuses on protection of all third-party participants and implications for future offspring.
 - Psychoeducation for donors including review of risk factors: ovarian hyperstimulation syndrome, ovarian torsion, and current research on potential risks of cancer.
 - Concerns in disclosure and non-disclosure.
 - Appropriate legal representations, key contract provisions, and the ethics of informed consent for all third-party participants.
 - Future implications for donors, gestational carriers, and intended parents, including the possible discovery of new medical or genetic information from or about offspring or donors, and potential contacts with offspring and intended parents through case studies.
2. Develop team-based strategies for multidisciplinary care.

PC18 The Central Role of Cryopreservation in Assisted Reproductive Technology

Developed in Cooperation with ESHRE

CME

Faculty

Giovanni Coticchio, Ph.D. (Chair)
Biogenesi Reproductive Medicine Centre
Etienne Van den Abbeel, Ph.D.
University Hospital, University Ghent
Claus Yding Andersen, D.M.Sc., M.Sc.
University of Copenhagen
Arne Sunde, Ph.D.
St Olavs University Hospital

Needs Assessment and Description

The application of cryopreservation in modern assisted reproductive technology (ART) requires appreciation of capabilities and limitations of the different methodological approaches, also in consideration of the diversity among reproductive cells. If applied appropriately, cryopreservation can offer a multiplicity of advantages and opportunities, impacting the safety, efficacy, efficiency, and ethics of ART procedures. However, complete awareness of the importance and performance of cryopreservation has not perhaps been achieved, as suggested by the high incidence of multiple pregnancies and low proportion of babies born from cryopreserved embryos in many countries. Therefore, efforts are required to spread further knowledge on performance and versatility of cryopreservation. This live course for clinical embryologists, technologists, and reproductive clinicians will provide a comprehensive overview of cryopreservation, providing crucial information for its successful use in ART.

ACGME Competency

Medical Knowledge

Learning Objectives

At the conclusion of this course, participants should be able to:

1. Summarize the fundamental concepts of cryopreservation applied to reproductive cells.
2. Appraise successes, limitations, and possible developments of sperm and oocyte cryopreservation.
3. Discuss the different options for embryo cryopreservation.
4. Describe the versatility and current performance of cryopreservation in oncofertility.
5. Explain the fundamental role of embryo cryopreservation to assure efficacy and safety in ART.

PC19

Brave New In Vitro Fertilization World: Safety and Efficiency Is All That Matters

Developed in Cooperation with MEFS

CME

Faculty

Johnny T. Awwad, M.D. (Co-chair)
American University of Beirut Medical Center
Botros Rizk, M.D., H.C.L.D., F.A.C.O.G., F.A.C.S., M.A.,
F.R.C.O.G., F.R.C.S. (Co-chair)
University of South Alabama
Marcelle I. Cedars, M.D.
University of California, San Francisco
Siladitya Bhattacharya, M.B.B.S., M.D., F.R.C.O.G.
University of Aberdeen

Needs Assessment and Description

The practice of transferring multiple embryos to the uterus for the purpose of enhancing implantation in humans has caused a dramatic surge in multiple births across the world, and significant increase in neonatal morbidity and mortality, maternal pregnancy-related health complications, and associated short- and long-term financial and psychological burden. The challenge we face today is to be able to replace into the uterus a single embryo without compromising final outcome. Another challenge is the premature adoption of several technological innovations in the practice of assisted reproduction long before any evidence of direct benefit to patients' final outcome has occurred. This course is designed for physician specialists in reproductive endocrinology and infertility and allied health professionals, embryologists, and scientists in reproductive medicine. The course will use an active learning style, which consists of a team-based, problem-oriented approach that is highly interactive, allowing sufficient time for thought exchange and experience sharing. Participants will receive a comprehensive update on contemporary practices originally designed for the purpose of enhancing the efficiency and safety of in vitro fertilization (IVF) practice. Faculty will conduct a critical appraisal of the ability of these novel techniques and technologies to support the birth of a healthy singleton with minimal maternal and fetal risks. Specifically, the course will discuss the value of ovarian biomarkers, morphokinetics, freeze-all policy, preimplantation genetic screening (PGS) for all, and molecular markers of endometrial receptivity in improving the efficiency of embryo selection and implantation. It will also review strategies of final follicle maturation, luteal support, and elective single-embryo transfer (eSET).

ACGME Competency

Patient Care
Practice-based Learning and Improvement

Learning Objectives

At the conclusion of this course, participants should be able to:

1. Summarize the usefulness of biomarkers in designing ovarian stimulation protocols and appraise the evidence on the clinical impact of biomarkers on final IVF outcome.
2. Describe the morphokinetic events associated with in vitro embryo development and assess the clinical benefits of time-lapse imaging on improving embryo selection.
3. Contrast the advantages and limitations of the freeze-all policy in IVF practice and evaluate the cost-effectiveness of this policy in selected and unselected couples.
4. Identify the benefits and shortcomings of PGS-for-all in standard IVF practice and explore the strengths and weaknesses of the technology in improving final IVF outcome.
5. Discuss the principles of molecular screening for endometrial receptivity and explore the cost-effectiveness of screening for failed IVF cycles.
6. Describe the physiologic events associated with gonadotropin-releasing hormone agonist trigger of follicle maturation and design protocols to optimize success without compromising safety.
7. Explain the physiologic events associated with the window of implantation and explore the clinical value of luteal interventions beyond conventional progesterone supplementation.
8. Summarize the evidence on the outcome of eSETs and develop strategies to implement eSET in an IVF program.
9. Identify the need to establish quality measures of efficiency and safety in IVF programs and develop key performance indicators of efficiency and safety in IVF programs.

PC20 Actualidades en Reproducción Asistida: El Punto de Vista Clínico para el Biólogo y un Punto de Vista del Biólogo para el Clínico. Presentado en Español. CME

Developed in Cooperation with AMMR and ALMER

Profesorado:

Carlos E. Sueldo, M.D. (Preside)
Universidad de California, San Francisco-Fresno
 Carlos Simón, M.D., Ph.D.
Universidad of Valencia, INCLIVA; Igenomix
 Miguel Angel Checa, M.D., Ph.D.
Hospital del Mar, Barcelona
 Sergio Oehninger, M.D., Ph.D.
EVMS - Instituto Jones de Medicina Reproductiva
 Benjamin Sandler, M.D.
*Reproductive Medicine Associates of New York/
 Icahn School of Medicine at Mount Sinai*

Descripción del curso

La gran cantidad de investigación y estudios clínicos en el campo de las técnicas de reproducción asistida (TRA) representa desafíos constantes para que tanto los clínicos como los científicos puedan determinar los abordajes óptimos en la atención clínica diaria. Este curso evaluará conceptos y controversias innovadoras con énfasis en los principios biológicos y aspectos clínicos del diagnóstico, evaluación y opciones de tratamiento en los pacientes que llevan a cabo tratamientos de reproducción asistida. Aplicando conceptos clave y empleando técnicas

de vanguardia, los especialistas serán capaces de mejorar sus decisiones de tratamiento así como optimizar los pronósticos en sus pacientes. Este curso será presentado en español y esta principalmente dirigido a especialistas en infertilidad y endocrinología, biólogos y embriólogos.

Competencia ACGME

Evaluación y cuidados clínicos
 Aprendizaje basado en la práctica

Objetivos de Aprendizaje

Al finalizar el curso los participantes podrán:

1. Argumentar las controversias en la práctica diaria de TRA así como los pronósticos en la investigación y ensayos clínicos de varias áreas del tratamiento.
2. Describir manejos clínicos óptimos en TRA para pacientes con diferentes reservas ováricas.
3. Explorar el papel de las técnicas más recientes tanto de diagnóstico como de tratamiento en TRA.

PC21 Procedure and Technique for Embryo Transfer in Humans (half-day hands-on course – **morning** with the ASRM Embryo Transfer Simulator)

CME

Faculty

Alan S. Penzias, M.D. (Chair)
Harvard Medical School; Boston IVF
Kristin Bendikson, M.D.
University of Southern California
David Frankfurter, M.D.
The George Washington University
Thomas L. Toth, M.D.
Massachusetts General Hospital/Harvard Medical School
Julie Lamb, M.D.
Pacific NW Fertility
Mamie McLean, M.D.
University of Alabama at Birmingham
James H. Segars, M.D.
Johns Hopkins School of Medicine
G. Wright Bates, Jr., M.D.
University of Alabama at Birmingham
George A. Hill, M.D.
Nashville Fertility Center
James P. Toner, M.D., Ph.D.
Atlanta Center for Reproductive Medicine
Keith A. Ray, B.A.
American Society for Reproductive Medicine

ACGME Competency

Patient Care

Learning Objectives

At the conclusion of this course, participants should be able to:

1. Describe the steps of an embryo transfer procedure in humans.
2. Discuss best practice for embryo transfer in humans.
3. Implement the hands-on experience gained with the embryo transfer simulator in practice.

Needs Assessment and Course Description

Reproductive health professionals receive training in various aspects of assisted reproductive technology and other infertility treatment procedures. There is, however, a widespread gap in training in embryo transfer. There currently is no standardized embryo transfer procedure or method for training professionals entering the field. The objective of this live course for reproductive health professionals who perform embryo transfer procedures is to learn the common best practices in embryo transfer and practice embryo transfer techniques using a virtual reality-based simulator. Learners will use modules of progressive difficulty to develop motor and cognitive skills for performing embryo transfer. The hands-on portion of the course will provide virtually simulated operative steps with increasing levels of complexity, and will store performance metrics for all users for export in standard data formats. The goal is for practitioners to improve their embryo transfer technique.

PC22 Procedure and Technique for Embryo Transfer in Humans

(half-day hands-on course – **afternoon** with the ASRM Embryo Transfer Simulator)

CME

Faculty

Alan S. Penzias, M.D. (Chair)
Harvard Medical School; Boston IVF
 Kristin Bendikson, M.D.
University of Southern California
 David Frankfurter, M.D.
The George Washington University
 Thomas L. Toth, M.D.
Massachusetts General Hospital/Harvard Medical School
 Julie Lamb, M.D.
Pacific NW Fertility
 Mamie McLean, M.D.
University of Alabama at Birmingham
 James H. Segars, M.D.
Johns Hopkins School of Medicine
 G. Wright Bates, Jr., M.D.
University of Alabama at Birmingham
 George A. Hill, M.D.
Nashville Fertility Center
 James P. Toner, M.D., Ph.D.
Atlanta Center for Reproductive Medicine
 Keith A. Ray, B.A.
American Society for Reproductive Medicine

Needs Assessment and Course Description

Reproductive health professionals receive training in various aspects of assisted reproductive technology and other infertility treatment procedures. There is, however,

a widespread gap in training in embryo transfer. There currently is no standardized embryo transfer procedure or method for training professionals entering the field. The objective of this live course for reproductive health professionals who perform embryo transfer procedures is to learn the common best practices in embryo transfer and practice embryo transfer techniques using a virtual reality-based simulator. Learners will use modules of progressive difficulty to develop motor and cognitive skills for performing embryo transfer. The hands-on portion of the course will provide virtually simulated operative steps with increasing levels of complexity, and will store performance metrics for all users for export in standard data formats. The goal is for practitioners to improve their embryo transfer technique.

ACGME Competency

Patient Care

Learning Objectives

At the conclusion of this course, participants should be able to:

1. Describe the steps of an embryo transfer procedure in humans.
2. Discuss best practice for embryo transfer in humans.
3. Implement the hands-on experience gained with the embryo transfer simulator in practice.

Do you know a resident attending the Scientific Congress?

Participants of the **ASRM Resident Education Program** will attend a flipped-classroom, interactive learning session, led by experts in reproductive medicine and medical education (boxed lunch provided), and a related symposium.

This ASRM-sponsored program (no additional cost to participants) is open to the first 100 residents who opt in at the time they register for the Scientific Program using a dialogue box that will open during the registration process.

Questions? Email Jessica Goldstein at jgoldstein@asrm.org.



SAN ANTONIO



2017



8th
annual

American Society for
Reproductive Medicine

ASRM 5K Fun Run/Walk for
Reproductive Health



Supported by EMD Serono

ASRM 2017 SCIENTIFIC CONGRESS

NEEDS ASSESSMENT AND DESCRIPTION

The theme of the 2017 Scientific Congress of the American Society for Reproductive Medicine is "Advancing Reproductive Medicine to Build Healthy Families." The scope of reproductive medicine is broad, ranging from puberty to menopause and including males and females, while having a focus that is both molecular and macroscopic. Family building through the utilization of reproductive medicine for resolution of infertility or fertility preservation will be explored at this Congress. The program is balanced between science at the cellular level and application of clinical care in family-building strategies. This live program is designed for physicians, nurses, andrology and embryology laboratory personnel, genetic counselors, social workers, practice and laboratory managers, as well as specialists in mental health, law, and ethics to advance exemplary medical care and disseminate cutting-edge research. These goals will be addressed by a wide array of educational activities.

The Continuing Medical Education/Continuing Education (CME/CE) portion of the Scientific Congress will include plenary lectures, symposia, and interactive sessions interweaving the theme of the annual Congress. Plenary lectures will feature exceptional speakers covering a wide range of themes in reproductive research and clinical medicine including: translation of animal science to clinical care; exploring the cellular transitions from ovum to embryo; investigating the role of cell and gene therapies in reproductive medicine; designing contraception based on molecular genetics; re-examining uterine transplantation surgery; strategies for communicating medical knowledge; and reflecting on the history of in vitro fertilization in America. Congress symposia will provide more in-depth coverage of basic and clinical subjects. Topics range from ethics of genomic germ-line editing, assisted reproductive technology (ART) in the patient with polycystic ovary syndrome (PCOS), the environmental influence of diet and lifestyle on fertility and the role of adjuvant and complementary therapies, epigenetic influences of culture media, leiomyosarcoma diagnosis, counseling and legal implications of family building through third parties, the relationship between stress and infertility, ethical and technical issues with uterine transplantation, transgender fertility treatment, ART legal cases, access to care through simplified ART, regulatory pathways for reproductive devices, and updates on the Health Insurance Portability and Accountability Act (HIPAA) of 1996.

The interactive sessions cover a wide range of stimulating topics and are meant to be a forum for discussion and interaction, including topics such as mitochondrial DNA assessment, early pregnancy imaging, the role of micromanipulation in ART, donor disclosure, complementary and alternative medicine approaches to PCOS, fertility preservation in adolescence, and the role of evolving and novel tests and therapies. Supplementing the CME/CE program will be non-CME/CE events including Roundtable Luncheons and Expert Encounters that will provide opportunities for in-depth discussion with experts in small-group settings as well as oral and poster scientific abstract presentations that enable investigators to present cutting-edge scientific research in reproductive medicine and biology.

The 2017 Scientific Congress should provide ample opportunity for learning, improvement of clinical competence and skills, and potential scientific collaboration.

LEARNING OBJECTIVES

At the conclusion of the Scientific Congress, participants should be able to:

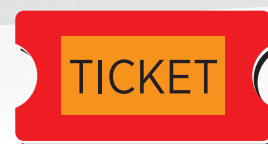
1. Discuss how the extensive range of reproductive technologies from the cellular level to clinical application impact family building.
2. Propose strategies that simplify technology, reduce costs, and broaden accessibility to ART care.
3. Describe the relevance of genetics and genomics to reproductive care.
4. Apply the latest scientific advances in embryo biology and assessment to the optimization of embryo transfer.
5. Summarize current knowledge of endometriosis, fibroids, menopause, contraception, and PCOS.
6. Explain the ethical, legal, and psychosocial ramifications of third-party reproduction.
7. Select appropriate treatments for reproductive dysfunctions in females and males at different ages throughout life—childhood, adolescence, adulthood, and reproductive senescence.

ACGME COMPETENCIES

Interpersonal and Communication Skills
 Medical Knowledge
 Patient Care
 Practice-based Learning and Improvement
 Professionalism
 Systems-based Practice

INTERPROFESSIONAL COMPETENCIES

Values/ethics for Interprofessional Practice
 Roles/responsibilities
 Interprofessional Communication
 Teams and Teamwork
 Interprofessional Teamwork and Team-based Care



TICKETED EVENTS

Ticketed events listed in the daily schedule are marked with a  icon.

SUNDAY, OCTOBER 29, 2017

8:00 am – 3:45 pm

Society for Reproductive Endocrinology and Infertility (SREI) Members' Retreat
\$250 Fee

Do you want to improve your REI Practice? The SREI Members Retreat is a one day non-CME course that will focus on strategies to keep your practice healthy and growing. Topics covered will include: marketing your practice, prevention of patient drop out, improvement of patient and personnel satisfaction and ways to ensure the future of your practice. Also, included will be opportunities to improve personal and professional satisfaction, with discussions on implementing research, teaching and current literature into every day practice.

3:00 pm – 5:00 pm

Personal Finance for Physicians Workshop

Stuart S. Howards, M.D.
University of Virginia
\$25 Fee

In this non-CME workshop, attendees will receive objective advice and education regarding personal finances (practice finances will not be covered). Topics will include the following: insurance, legal considerations, investments (general principles), retirement investments and planning, savings for college expenses, and estate planning.

DAILY



Roundtable Luncheons

Monday, Tuesday, and Wednesday

12:30 pm - 1:30 pm

\$55 Fee/day

TUESDAY, OCTOBER 31, 2017

6:00 am

8th Annual ASRM 5K Run & Walk
\$50 Fee

7:00 am – 8:45 am

Women's Council Breakfast
\$40 Fee

12:30 pm – 1:30 pm

Lunch Symposium
\$10 Fee, includes boxed lunch

More Than a Mother By Merck KGaA, Darmstadt, Germany in partnership with Africa Fertility Society:
Challenges and Solutions to Improve Access to Regulated and Cost-effective Fertility Care in Africa

Hon. Sarah Opendi, Minister of State of Health, Uganda

Hon. Joyce Lay, Member of Parliament, Kenya

Prof. Oladapo Ashiru, President of Africa Fertility Society

Prof. Joe Leigh Simpson, Immediate Past President of IFFS

Dr. Kamini Rao, Chairperson of International Institution for Training & Research in Reproductive Health, IIRRH, India

Dr. Rasha Kelej, Chief Social Officer and Vice President of Merck KGaA, Darmstadt, Germany

Discussion of capacity building of fertility care in Africa with special focus on embryology training and its impact on improving access to fertility care in Africa.

Discussion of different challenges and solutions to improve access to regulated, cost-effective, and safe fertility care in the continent.

An infertile woman from Kenya will share her experience of lack of access to information and fertility care and how this affected her life.

DAILY

These informal non-CME sessions are designed for interaction and exchange with recognized experts in their field. Bring your questions and discussion ideas, and be prepared to engage while you enjoy a boxed lunch during the session. Sign up now for this ticketed event. Limited registration.



expert encounters

Monday, October 30, 2017

12:30 pm – 1:30 pm

\$40 each, includes lunch

Embryonic and Uterine Checkpoints Needed for a Successful Pregnancy

Carlos Simón, M.D., Ph.D.

University of Valencia, INCLIVA; Igenomix

Catherine Racowsky, Ph.D.

Brigham and Women's Hospital

What Research Will Reproductive Endocrinologists Do in the Future?

Alan H. DeCherney, M.D.

Eunice Kennedy Shriver National Institute of Child Health and Human Development, National Institutes of Health

Tuesday, October 31, 2017

12:30 pm – 1:30 pm

\$40 each, includes lunch

Difficult Management Cases in Male Infertility: From the Laboratory to the Bedside

Dolores J. Lamb, Ph.D.

Baylor College of Medicine

Larry I. Lipshultz, M.D.

Baylor College of Medicine

Challenge the Skeptic

Michael Shermer, Ph.D.

Skeptic Magazine

Wednesday, November 1, 2017

12:30 pm – 1:30 pm

\$40 each, includes lunch

Mosaicism

Nathan Treff, Ph.D.

Reproductive Medicine Associates of New Jersey

Women's Health in the Media - Challenges and Opportunities

Jennifer Ashton, M.D., M.S., F.A.C.O.G.

Englewood Hospital

Chief Women's Health Correspondent, ABC News



WHAT'S **NEW** AT THIS YEAR'S CONGRESS

1. We've brought back lunch! There is now a designated time, 12:30-1:30 pm, for either a ticketed lunchtime activity or for you to grab lunch and network with colleagues. We offer several non-CME activities at that time including **roundtables**, industry-supported offerings, and **our new Expert Encounters**.
2. What's an Expert Encounter? This is your opportunity to ask questions and have a dialogue and lunch with an expert on select topic areas. Space is limited and these will sell out, so book your slot early!
3. We've added even more roundtable discussions.
4. More Than a Mother By Merck KGaA, Darmstadt, Germany in partnership with Africa Fertility Society Lunch Symposium
5. Our meeting app is improved and the best ever!
6. We will have a Pre-Congress course, as well as roundtables and symposia, in Spanish.
7. It's Halloween with several spooktacular evening activities. And it's Día de los Muertos, when San Antonio embraces the day to remember loved ones who have departed. Plan to join in this colorful celebration with music and dance, along with a drum and puppet procession through downtown San Antonio.

2017 Scientific Congress Daily Schedule

Plenary lectures will be translated simultaneously into Spanish and Mandarin Chinese for members of the audience.

Sunday, October 29, 2017

8:00 am - 3:45 pm
SREI Members' Retreat



1:00 pm - 5:00 pm
Poster Setup

3:00 pm - 5:00 pm
Workshop



Personal Finance for Physicians
Stuart S. Howards, M.D.
University of Virginia

5:15 pm - 6:00 pm
Members' Meetings

Lucinda Veeck Gosden, M.L.T.,
D.Sc. (Hon)
Weill Cornell Medical School, Retired
Don P. Wolf, Ph.D.
Oregon Health & Science University
Richard P. Marrs, M.D.
California Fertility Partners

10:15 am - 11:00 am
Break

11:00 am - 12:00 pm
MHPG Clinical Session

The Practitioner as Researcher
Ken Daniels, ONZM, B.A., M.A. (Hons),
Dip. Soc. Sci, Dip. App. Soc. Sci.
University of Canterbury

11:00 am - 12:30 pm
Scientific Congress Prize Paper Session 1

11:00 am - 12:30 pm
Oral Abstract Sessions

12:30 pm - 1:30 pm
Break/Lunch

12:30 pm - 1:30 pm
Expert Encounter



Embryonic and Uterine Check-points Needed for a Successful Pregnancy
Carlos Simón, M.D., Ph.D.
University of Valencia, INCLIVA;
Igenomix
Catherine Racowsky, Ph.D.
Brigham & Women's Hospital

12:30 pm - 1:30 pm
Expert Encounter



What Research Will Reproductive Endocrinologists Do in the Future?
Alan H. DeCherney, M.D.
Eunice Kennedy Shriver National Institute of Child Health and Human Development, National Institutes of Health

12:30 pm - 1:30 pm
Roundtables



1:30 pm - 2:30 pm
Interactive Session

CME

Case Presentations
Uterine Lining Improvement: Optimizing Success Rates of Frozen Embryo Transfer and Fresh Cycles: Traditional Therapies and Complementary and Alternative Medicine
Jennifer E. Mersereau, M.D. (Chair)
University of North Carolina
Juan Antonio Garcia-Velasco, M.D.
IVI Madrid
Coleen Smith, D.A.O.M., L.Ac., F.A.B.O.R.M.
Point of Origin Acupuncture

1:30 pm - 2:30 pm
Interactive Session

CME

Case Presentations
Stump the Audience: Interesting and Unusual Cases in Pediatric and Adolescent Gynecology
Beth W. Rackow, M.D. (Chair)
Columbia University Medical Center
Carol Wheeler, M.D.
Women & Infants Hospital
Jennifer E. Dietrich, M.D., M.Sc., F.A.C.O.G., F.A.A.P.
Baylor College of Medicine

1:30 pm - 2:30 pm
Interactive Session

CME

Debate
Testicular versus Ejaculated Sperm Should Be Used for Intracytoplasmic Sperm Injection (ICSI) in Cases of Recurrent ICSI Failure Due to Sperm DNA Fragmentation
Armand Zini, M.D. (Chair)
McGill University
Sandro C. Esteves, M.D., Ph.D.
ANDROFERT, Referral Center for Male Reproduction
Mark Sigman, M.D.
Brown University

1:30 pm - 2:30 pm
Interactive Session

CME

Debate
Contraception Interactive Session: Should We Use Hormonal Contraceptives in Obese Women?

Monday, October 30, 2017

7:00 am - 7:45 am
Opening Ceremony
Continental Breakfast

7:45 am - 8:45 am
Opening Ceremony

8:45 am - 9:30 am
Plenary

CME

President's Guest Lecture
Endowed by a 1987 grant from Ortho Women's Health

9:00 am - 1:00 pm
Poster Setup

9:30 am - 10:15 am
Plenary

CME

Herbert H. Thomas Lecture: Birth of In Vitro Fertilization in America
Endowed by a 1990 grant from TAP Pharmaceutical
Richard J. Paulson, M.D. (Moderator)
University of Southern California
Alan H. DeCherney, M.D.
Eunice Kennedy Shriver National Institute of Child Health and Human Development, National Institutes of Health
Zev Rosenwaks, M.D.
Weill Cornell Medical College of Cornell University

2017 Scientific Congress Daily Schedule

Plenary lectures will be translated simultaneously into Spanish and Mandarin Chinese for members of the audience.

Robert A. Wild, M.D., Ph.D., M.P.H.
 (Chair)

*Oklahoma University Health
 Sciences Center*

Kathleen M. Hoeger, M.D., M.P.H.

University of Rochester

Lee P. Shulman, M.D.

*Feinberg School of Medicine of
 Northwestern University*

1:30 pm - 2:30 pm Interactive Session

CME

Debate

Use of Mitochondrial DNA
 Assessment as an Adjunct to
 Preimplantation Genetic Screening
 Frank L. Barnes, Ph.D. (Chair)

Zouves Fertility Center

Nathan R. Treff, Ph.D.,
*Reproductive Medicine Associates
 of New Jersey*

Dagan Wells, Ph.D.
University of Oxford

1:30 pm - 2:30 pm Interactive Session

CME

Panel Discussion

Translating Science into Practical
 Advice for Patients: Environment
 and Dietary Research

Irene Souter, M.D. (Chair)

Harvard Medical School,

Massachusetts General Hospital

Carmen Messerlian, Ph.D.

*Harvard T.H. Chan School of Public
 Health*

Audrey Gaskins, Sc.D.

*Harvard T.H. Chan School of Public
 Health*

1:30 pm - 2:30 pm Interactive Session

CME

Case Presentations

Imaging of the Early Pregnancy
 and Its Pitfalls

Laura Detti, M.D. (Chair)

*University of Tennessee Health
 Science Center*

Michael J. Heard, M.D.

The Heard Clinic

Julierut Tantibhedhyangkul, M.D.
Cleveland Clinic

1:30 pm - 2:30 pm

MHPG Clinical Session

What Does It Mean to Let People
 Know?: Issues of Disclosure in
 Donor-assisted Reproduction
 Nancy Kaufman, L.C.S.W.

Private Practice, New York City

Nancy Freeman-Carroll, Psy.D.

Private Practice, New York City

2:30 pm - 3:15 pm

Plenary

CME

AUA Bruce Stewart Memorial
 Lecture: Finding Your Niche: Stem
 Cell Plasticity in the *Drosophila*
 Testis

*Supported by a grant from the
 American Urological Association*

Erika Matunis, Ph.D.

*Johns Hopkins University School of
 Medicine*

2:30 pm - 3:15 pm

Lecture

CME

David and Rosemary Adamson
 Lecture on Excellence in
 Reproductive Medicine:

Comparative Aspects of
 Reproductive Technologies in
 Exotic Species and Human

Endowed by Advanced

Reproductive Care, Inc.

Pierre Comizzoli, D.V.M., Ph.D.

*Smithsonian Conservation Biology
 Institute*

3:15 pm - 4:00 pm

Break

4:00 pm - 5:30 pm

Symposium

CME

Fresh versus Frozen Embryo Transfer
 in Women with Polycystic Ovary
 Syndrome: What Is the Evidence
 and What Are the Mechanisms?

Richard S. Legro, M.D. (Chair)

*Penn State University College of
 Medicine*

Zi-Jiang Chen, M.D., Ph.D.

*Center for Reproductive Medicine,
 Shandong University*

G. Wright Bates, Jr., M.D.

*University of Alabama at
 Birmingham*

4:00 pm - 5:30 pm

Symposium

CME

Transgender Fertility Treatment and
 Preservation in Gender Dysphoric
 Adolescents and Young Adults:

Medical, Legal, and Psychological
 Concerns and Considerations

Jamie M. Joseph, Ph.D. (Chair)

*Weston Cognitive Behavior Therapy
 & Evaluation*

Paula Amato, M.D.

Oregon Health & Science University

Judith Daar, J.D.

Whittier Law School

4:00 pm - 5:30 pm

Symposium

CME

Effect of Environment, Diet, and
 Lifestyle on Male and Female Fertility

Lauren Nervi, M.S.N., R.N., N.P. (Chair)

Reproductive Medicine Associates

of New Jersey

Lora Shahine, M.D.

Pacific NW Fertility

Michael L. Eisenberg, M.D.

Stanford University

4:00 pm - 5:30 pm

Symposium

CME

KY Cha Symposium in Stem Cell
 Technology and Reproductive
 Medicine: Changing and
 Exchanging Genomes

Supported by the Asia-Pacific

Biomedical Research Foundation

Robin Lovell-Badge, Ph.D. (Chair)

Francis Crick Institute

Mary Herbert, Ph.D.

Newcastle University

4:00 pm - 5:30 pm

Symposium

CME

Intracytoplasmic Sperm Injection
 (ICSI): Past, Present, and Future

Gianpiero D. Palermo, M.D., Ph.D.
 (Chair)

*Ronald O. Perelman and Claudia
 Cohen Center for Reproductive*

Medicine

Zev Rosenwaks, M.D.

*Weill Cornell Medical College of
 Cornell University*

2017 Scientific Congress Daily Schedule

Plenary lectures will be translated simultaneously into Spanish and Mandarin Chinese for members of the audience.

Nigel Pereira, M.D.
Ronald O. Perelman and Claudia
Cohen Center for Reproductive
Medicine

4:00 pm - 5:30 pm

Symposium

ESHRE Symposium: Genomic
Editing in the Germ Line: Progress in
Science Sparks the Ethical Debate
Björn Heindryckx, Ph.D. (Chair)
Ghent University Hospital
Ben Davies, Ph.D.
University of Oxford
Guido de Wert
Maastricht University

CME

4:00 pm - 5:30 pm

Symposium

AMMR Symposium: Cirugía o
Reproducción Asistida en México:
Sigue la Controversia
Raymundo Preciado-Ruiz, M.D. (Chair)
Hospital Ángeles del Pedregal
Rosa Martha Luna Rojas, M.D.
Reproductive Medicine Associates
of New York
Julio de la Jara, M.D.
Procrea Centro de Reproducción
Oliver Cruz, M.D.
Instituto Nacional de Perinatología

CME

4:00 pm - 5:30 pm

Symposium

CSRM Symposium: Hot Topics in
Reproductive Medicine
Huang Guoning, M.D. (Chair)
Chongqing Obstetrics and
Gynaecology Hospital,
CSRM, President-Elect
Sun Yingpu, M.D.
CSRM, President
Hu Yali, M.D., Ph.D.
Nanjing Drum Tower Hospital,
the Affiliated Hospital of Nanjing
University Medical School

CME

4:00 pm - 5:30 pm

Symposium

ASPIRE Symposium: Advances in
Understanding Oocyte Function
and Structure
Chii-Ruey Tzeng, M.D., M.P.H.
Taipei Medical University

CME

William L. Ledger, M.B., Ch.B.,
M.A., D.Phil. (Oxon), F.R.C.O.G.,
F.R.A.N.Z.C.O.G., C.R.E.I.
University of New South Wales
Vincharu Ohto, Ph.D.
University of Tokyo

4:00 pm - 5:30 pm

Symposium

Health Insurance Portability and
Accountability Act (HIPAA): New
Requirements and Audits
Lisa Duran, B.S.
Reconceived
Lisa A. Rinehart, J.D., R.N., B.S.N.
LegalCare Consulting
Lindsey M. McBain, B.A.
Reproductive Medicine Associates
of New Jersey

CME

4:00 pm - 5:30 pm

Video Session 1

5:30 pm - 6:15 pm

Members' Meetings

Tuesday, October 31, 2017

6:00 am

ASRM 5K Run & Walk



7:00 am - 8:45 am

Women's Council Breakfast



7:00 am - 8:45 am

Poster Abstract Session & Continental Breakfast

8:45 am - 9:30 am

Plenary

Why Smart People Believe Weird
Things Too
Endowed by a 1990 grant from
Astra-Zeneca
Michael Shermer, Ph.D.
Skeptic Magazine

CME

9:30 am - 10:15 am

Plenary

Camran Nezhat, M.D. Lectureship
in Innovations in Medicine Lecture:
Cell and Gene Therapies in
Reproductive Medicine

CME

Endowed by a 2011 Gift from
Camran Nezhat, M.D.

Dr. Camran Nezhat pioneered
techniques of video-assisted
endoscopic surgery, which
revolutionized modern-day surgery.
He along with his brothers, Drs. Farr
and Ceana Nezhat, performed
some of the most advanced
procedures with these techniques
for the first time, thus opening the
vistas for endoscopic surgeons all
over the world.
Shoukhrat Mitalipov, Ph.D.
Oregon Health & Science University

10:15 am - 11:00 am

Break

11:00 am - 12:30 pm

Scientific Congress Prize Paper Session 2

11:00 am - 12:30 pm

Oral Abstract Sessions

12:30 pm - 1:30 pm

Break/Lunch

12:30 pm - 1:30 pm

Expert Encounter

Difficult Management Cases in
Male Infertility: From the Laboratory
to the Bedside
Dolores J. Lamb, Ph.D.
Baylor College of Medicine
Larry I. Lipshultz, M.D.
Baylor College of Medicine



12:30 pm - 1:30 pm

Expert Encounter

Challenge the Skeptic
Michael Shermer, Ph.D.
Skeptic Magazine



12:30 pm - 1:30 pm

Lunch Symposium

More Than a Mother By Merck
KGaA, Darmstadt, Germany in
partnership with Africa Fertility
Society: Challenges and Solutions
to Improve Access to Regulated
and Cost-effective Fertility Care in
Africa



2017 Scientific Congress Daily Schedule

Plenary lectures will be translated simultaneously into Spanish and Mandarin Chinese for members of the audience.

12:30 pm - 1:30 pm Roundtables



1:30 pm - 2:30 pm Interactive Session

CME

Panel Discussion
Updates on Managing "Gray"
and Abnormal Results with
Preimplantation Genetic Testing
Dawn A. Kelk, Ph.D., H.C.L.D. (Chair)
Yale Fertility Center
James A. Grifo, M.D., Ph.D.
NYU Langone Fertility Center

1:30 pm - 2:30 pm Interactive Session

CME

Panel Discussion
Endometrial Gene Analysis: What
Do We Learn and How to Apply in
Clinical Practice
Joanne Kwak-Kim, M.D. (Chair)
Rosalind Franklin School of
Medicine and Science
Kenneth Beaman, Ph.D.
Rosalind Franklin University
Nathalie Ledee, M.D., Ph.D.
MatriceLAB Innove, Hôpital Saint
Louis, Paris
Steven L. Young, M.D., Ph.D.
University of North Carolina School
of Medicine

1:30 pm - 2:30 pm Interactive Session

CME

Case Presentations
Anovulation in Polycystic Ovary
Syndrome: A Complementary and
Alternative Medicine Approach -
Acupuncture, Herbs, and
Nutritional Supplements
Elisabet Stener-Victorin, Ph.D. (Chair)
Karolinska Institute
Coleen Smith, D.A.O.M., L.Ac.,
F.A.B.O.R.M.
Point of Origin Acupuncture
Sadhna Singh, D.A.O.M., L.Ac.
Eastern Harmony Clinic

1:30 pm - 2:30 pm Interactive Session

CME

Debate
Does Endometriosis Impact In Vitro

Fertilization Outcomes?
Stacey A. Missmer, Sc.D. (Chair)
Michigan State University
Bruce A. Lessey, M.D., Ph.D.
Greenville Health System, University of
South Carolina School of Medicine
Kurt T. Barnhart, M.D., M.S.C.E.
University of Pennsylvania

1:30 pm - 2:30 pm Interactive Session

CME

Debate
Debate on the Increasing
Utilization of Micromanipulation:
Intracytoplasmic Sperm Injection
and Assisted Hatching
Jennifer F. Knudtson, M.D. (Chair)
University of Texas Health Science
Center at San Antonio
Denny Sakkas, Ph.D.
Boston IVF
Levent Keskinetepe, D.V.M., Ph.D.
Sher Institute for Reproductive
Medicine Las Vegas, LLC.

1:30 pm - 2:30 pm Interactive Session

CME

Debate
Menopause Interactive Session: Is
Antimüllerian Hormone a Valuable
Diagnostic Tool for Reproductive
Function and Menopause?
Nanette Santoro, M.D. (Chair)
University of Colorado School of
Medicine
Irene Su, M.D., M.S.C.E.
University of California, San Diego
Frank Stanczyk, Ph.D.
University of California Keck School
of Medicine

1:30 pm - 2:30 pm Family Planning Fellows Showcase

CME

*Family Planning Fellows
Showcase: Emerging Research in
Contraception (in Cooperation
with the Society of Family Planning)*
Ghazaleh Moayed, D.O. (Chair)
University of Hawai'i, John A. Burns
School of Medicine
Antoinette Nguyen, M.D., M.P.H.
University of North Carolina School
of Medicine

Diana Crabtree Sokol, M.D.
University of Southern California
Carolyn M. Ross, M.D.
Northwestern University
Holly Bullock, M.D., MPH
University of Hawaii

1:30 pm - 2:30 pm MHPG Clinical Session

Ethical Aspects of Embryo Donation
Laura Covington, M.S.W., L.I.C.S.W.
Shady Grove Fertility
Erica J. Mindes, Ph.D.
Covington & Hafkin and Associates
Meryl B. Rosenberg, J.D.
ART Parenting

2:30 pm - 3:15 pm Plenary

CME

From Egg to Embryo: A Peripartetic
Journey
Endowed by a 1992 grant from
Wyeth
Richard Schultz, Ph.D.
University of California, Davis

2:30 pm - 3:15 pm Keynote

CME

Menopause Keynote Lecture:
Prevention and Intervention in
Postmenopausal Women
David F. Archer, M.D.
Eastern Virginia Medical School

3:15 pm - 4:00 pm Break

4:00 pm - 5:30 pm Symposium

CME

Leiomyoma? Leiomyosarcoma?
How Can I Tell?
Shannon K. Laughlin-Tommaso,
M.D., M.P.H. (Chair)
Mayo Clinic
Maureen P. Kohi, M.D.
University of California, San Francisco
Evan R. Myers, M.D., M.P.H.
Duke University Medical Center

4:00 pm - 5:30 pm Symposium

CME

The "Trials" of an ART Case:
Anatomy of a Lawsuit

2017 Scientific Congress Daily Schedule

Plenary lectures will be translated simultaneously into Spanish and Mandarin Chinese for members of the audience.

Nidhi Desai, J.D. (Chair)

Desai & Miller

Thomas R. Schlesinger, J.D.

Paule, Camazine & Blumenthal, P.C.

Michael W. Vernon, Ph.D., H.C.L.D.,
E.L.D.

West Virginia University

4:00 pm - 5:30 pm

Symposium

Facilitating Contact between
Donors and Donor-conceived
People

Lauri Pasch, Ph.D. (Chair)

University of California, San Francisco
Joanna Scheib, Ph.D.

University of California, Davis

Ken Daniels, ONZM, B.A., M.A. (Hons),

Dip. Soc. Sci, Dip. App. Soc. Sci.

University of Canterbury

4:00 pm - 5:30 pm

Symposium

Menopause Symposium: New
Tools in the Armamentarium
of Treatment Strategies for
Diminished Ovarian Reserve, Early
Menopause, and Premature
Ovarian Insufficiency: Diagnostic
Tests, Personalized Medicine, and
Targeted Therapies

Amber Cooper, M.D., M.S.C.I. (Chair)
*Centers for Reproductive Medicine
and Wellness*

Robert F. Casper, M.D.

University of Toronto

Piraye Beim, Ph.D.

Celmatix, Inc.

4:00 pm - 5:30 pm

Symposium

Health, Supplements, and Adjuvant
Therapies: Is There a Balance?

Jennifer M. Wood, R.N., B.S.N. (Chair)
Shady Grove Fertility Center

Angela Thyer, M.D.

Seattle Reproductive Medicine

LaTasha B. Craig, M.D.

*University of Oklahoma Health
Science Center*

4:00 pm - 5:30 pm

Symposium

Howard and Georgeanna

Jones Symposium on Advanced
Reproductive Technology:

Composition of Culture Media and
Potential Effects on Offspring
*Endowed by a 2010 educational
grant from EMD Serono, Inc.*

David K. Gardner, Ph.D. (Chair)

University of Melbourne

Andrew J. Watson, Ph.D.

Western University

Denny Sakkas, Ph.D.

Boston IVF

4:00 pm - 5:30 pm

Symposium

Access to Care: Simplification of
Assisted Reproductive Technologies
Kevin Doody, M.D., H.C.L.D. (Chair)
Center for Assisted Reproduction

Jan Gerris, M.D., Ph.D.

Ghent University Hospital

4:00 pm - 5:30 pm

Symposium

ABOG Foundation - Kenneth
J. Ryan Ethics Symposium: Egg
Freezing as an Emerging Frontier
in Reproductive Medicine:

Navigating the Clinical, Ethical,
and Legal Challenges

*Supported by a 2013 endowment
from the American Board of*

Obstetrics and Gynecology

Elizabeth Ginsburg, M.D. (Chair)

Brigham and Women's Hospital

Louise P. King, M.D., J.D.

*Harvard Medical School/Beth Israel
Deaconess Medical Center*

June Carbone, J.D.

University of Minnesota Law School

4:00 pm - 5:30 pm

Symposium

Presented in Spanish

ALMER Symposium: Manejo del
Factor Uterino Absoluto: Gestación
por Substitución y Trasplante Uterino
Sergio Papier, M.D. (Chair)

President, ALMER

J. Ricardo Lorete de Mola, M.D.

*Southern Illinois University School of
Medicine*

Cesar Diaz Garcia, M.D., Ph.D.

University of Valencia

4:00 pm - 5:30 pm

Symposium

A Path to Increased Engagement
for Physicians

Brad J.T. Senstra, M.H.A.

Seattle Reproductive Medicine

Marianne M. Kreiner, M.S.

Shady Grove Fertility

Sara Mooney, B.A.

Seattle Reproductive Medicine

4:00 - 5:30 pm

Symposium

JSAR Symposium: The Clinical
Importance of Frozen Embryo
Transfer Procedures in Japan
versus Assisted Reproductive
Reproductive Approaches in the
United States

Tetsunori Mukaida, M.D. (Chair)

Hiroshima HART Clinic

Fumitoshi Koga, M.D.

Koga Fertility Clinic

James A. Grifo, M.D., Ph.D.

NYU Langone Fertility Center

4:00 pm - 5:30 pm

Video Session 2

5:30 pm - 6:15 pm

Members' Meetings

Wednesday, November 1, 2017

7:00 am - 8:30 am

**Poster Abstract Session and
Continental Breakfast**

8:30 am - 9:15 am

Plenary

Women's Health Topics in the Media
*Endowed by a 1992 grant from
EMD Serono, Inc.*

Jennifer Ashton, M.D., M.S.,
F.A.C.O.G.

*Englewood Hospital; Chief Women's
Health Correspondant, ABC News*

2017 Scientific Congress Daily Schedule

Plenary lectures will be translated simultaneously into Spanish and Mandarin Chinese for members of the audience.

9:15 am - 9:45 am
ASRM Members' Meeting & Congress Prize Presentation

9:45 am - 10:30 am **CME**
Plenary
SRS Lecture: Uterine Transplantation: Lessons Learned
Endowed by a 1990 grant from Ethicon Endo-Surgery, Inc.
Tommaso Falcone, M.D., F.R.C.S.C., F.A.C.O.G.
Cleveland Clinic

10:30 am - 11:00 am
Break

11:00 am - 12:00 pm
MHPG Clinical Session
Utility of Projective Assessment in the Psychological Evaluation of Gestational Carriers
Mary P. Riddle, Ph.D.
Pennsylvania State University

11:00 am - 12:30 pm **CME**
Telesurgery
Resection of Cesarean Scar by Hysteroscopic and Laparoscopic Approaches
Camran Nezhat, M.D., F.A.C.O.G.L., F.A.C.S. (Chair)
Camran Nezhat Institute
Azede Nezhat, M.D.
Stanford University Medical Center
Rene Charles, M.D.
Adventist Medical Center

11:00 am - 12:30 pm
Oral Abstract Sessions

12:30 pm - 1:30 pm
Break/Lunch

12:30 pm - 1:30 pm 
Expert Encounter
Mosaicism
Nathan Treff, Ph.D.
Reproductive Medicine Associates of New Jersey

12:30 pm - 1:30 pm 
Expert Encounter
Women's Health in the Media - Challenges and Opportunities
Jennifer Ashton, M.D., M.S., F.A.C.O.G.
Englewood Hospital; Chief Women's Health Correspondant, ABC News

12:30 pm - 1:30 pm 
Roundtables

1:30 pm - 2:30 pm **CME**
Surgical Tutorial
Surgical Treatment of Septate Uterus
Samantha M. Pfeifer, M.D. (Chair)
Weill Cornell Medical College
John Preston Parry, M.D., M.P.H.
University of Mississippi Medical Center
Jeffrey M. Goldberg, M.D.
Cleveland Clinic

1:30 pm - 2:30 pm **CME**
Interactive Session
Case Presentations
Follow the Double Helix: How to Intertwine Genetic Counseling and Your Fertility Practice
Lauri D. Black, M.S., L.C.G.C. (Chair)
Pacific Reproductive Genetic Counseling
Carolyn Givens, M.D.
Pacific Fertility Center

1:30 pm - 2:30 pm **CME**
Interactive Session
Case Presentations
Unexplained Recurrent Pregnancy Loss: Controversies in Management
Sony Sierra, M.D., M.Sc., F.R.C.S.C., G.R.E.I. (Chair)
TRIO Fertility
Mary Stephenson, M.D., M.Sc.
University of Illinois and Chicago

1:30 pm - 2:30 pm **CME**
Interactive Session
Panel Discussion
DNA Law: What Is It and Where Is It Going in Assisted Reproductive Technology?
Lisa A. Rinehart, J.D., R.N., B.S.N. (Chair)

Legal Care Consulting
Susan Crockin, J.D.
Crockin Law and Policy Group, Georgetown University Law Center
Gary L. Harton, Ph.D.
Igenomix US

1:30 pm - 2:30 pm **CME**
Interactive Session
Case Presentations
Emotional Needs of Women with Polycystic Ovary Syndrome and Impact on Weight Management
Shelley Lee, Ph.D. (Chair)
NYU Fertility Center
Kathleen M. Hoeger, M.D., M.P.H.
University of Rochester
Dian Shepperson Mills, M.A.
The Endometriosis and Fertility Clinic

1:30 pm - 2:30 pm **CME**
Interactive Session
Case Presentations
Preserving Future Reproductive Function in Males and Females: Adolescence and Beyond
Karine Chung, M.D., M.S.C.E. (Chair)
USC Keck School of Medicine
Mary K. Samplaski, M.D.
USC Keck School of Medicine
Leslie A. Appiah, M.D.
University of Kentucky College of Medicine

1:30 pm - 2:30 pm **CME**
Interactive Session
Panel Discussion
Preimplantation Genetic Testing Platforms: Everything You Have Wanted to Know but Were Afraid to Ask
Amy E.T. Sparks, Ph.D., H.C.L.D. (Chair)
University of Iowa Hospitals and Clinics
Mandy Katz-Jaffe, Ph.D.
Colorado Center for Reproductive Medicine

2017 Scientific Congress Daily Schedule

Plenary lectures will be translated simultaneously into Spanish and Mandarin Chinese for members of the audience.

2:30 pm - 3:15 pm
Keynote

SSR Exchange Keynote Lecture:
Defining the Mechanisms
Regulating Mammalian
Spermatogonial Development
Christopher Geyer, Ph.D.
*Brody School of Medicine at East
Carolina University*

CME
2:30 pm - 3:15 pm
Keynote

Contraception Keynote Lecture:
Rational Design of Contraception
Based on Molecular Genetics
Jurrien Dean, M.D.
*National Institute of Diabetes and
Digestive and Kidney Diseases, NIH*

CME
3:15 pm - 3:30 pm
Break
3:30 pm - 5:00 pm
Symposium

Just Relax and It Will Happen:
A Debate on the Relationship
between Stress and Infertility
Angela K. Lawson, Ph.D. (Chair)
Northwestern University
Alice D. Domar, Ph.D.
Boston IVF

CME
3:30 pm - 5:00 pm
Symposium

Changing Culture, Changing Process:
Corporate IVF and Patient Care
Jeanette R. Tomasino, M.S., R.N.C.,
M.N.N. (Chair)
*Northwell Center for Human
Reproduction*
Gary L. Harton, Ph.D.
Igenomix US
Margaret Swain, J.D., R.N.
Private Practice, Baltimore

CME
3:30 pm - 5:00 pm
Symposium

Uterine Transplant: Technical and
Ethical Issues
Ruth Farrell, M.D., M.A., F.A.C.O.G.
Cleveland Clinic
Tommaso Falcone, M.D., F.R.C.S.C.,
F.A.C.O.G.
Cleveland Clinic
Antonio R. Gargiulo, M.D.
Brigham and Women's Hospital

CME
3:30 pm - 5:00 pm
Symposium

FDA Symposium: Contraceptive
Products and an Update on
Assisted Reproductive Technology
Devices

CME
3:30 pm - 5:00 pm
Symposium

MEFS Symposium: Fertility
Preservation: Contemporary
Interests

CME

Botros Rizk, M.D., H.C.L.D.,
F.A.C.O.G., F.A.C.S., M.A.,
F.R.C.O.G., F.R.C.S. (Chair)
University of South Alabama
Sherman Silber, M.D.
Infertility Center of St. Louis

3:30 pm - 5:00 pm
Symposium

ISAR Symposium: Polycystic Ovary
Syndrome and Fertility: Do We
Have It Right?
Duru Shah, M.D., F.C.P.S.,
F.I.C.S., F.I.C.O.G., D.G.O., D.F.P.,
F.I.C.M.C.H. (Chair)
*Gynaecworld: The Center for
Women's Health and Fertility*
Ameet Patki, M.D.
Fertility Associates
Sadhna Desai, M.D., F.R.C.O.G.,
F.I.C.S.
Fertility Clinic & IVF Centre, Mumbai

CME
3:30 pm - 5:00 pm
Symposium

Laboratory Management: Risk,
Reporting, and Relations
Colin Thomas, M.H.A. (Chair)
*Columbia University Center for
Women's Reproductive Care*
Rebecca Halverson, B.S.
Seattle Reproductive Medicine
C. Brent Barrett, Ph.D., H.C.L.D.
Boston IVF

CME

SCHEDULE-AT-A-GLANCE

MONDAY, OCTOBER 30, 2017

7:00 am - 7:45 am	Opening Ceremony Continental Breakfast	
7:45 am - 8:45 am	Opening Ceremony	
8:45 am - 9:30 am	CME Plenary:	President's Guest Lecture
9:30 am - 10:15 am	CME Plenary:	Herbert H. Thomas Lecture: Birth of In Vitro Fertilization in America
10:15 am - 11:00 am	Break / Exhibits / Expo Theater	
11:00 am - 12:00 pm	MHPG Clinical Session:	The Practitioner as Researcher
11:00 am - 12:30 pm	Scientific Congress Prize Paper Session 1 Oral Abstract Sessions	
12:30 pm - 1:30 pm	Break / Lunch / Exhibits / Expo Theater	
	Expert Encounter:	Embryonic and Uterine Checkpoints Needed for a Successful Pregnancy
	Expert Encounter:	What Research Will Reproductive Endocrinologists Do in the Future?
	Roundtables:	RTM1 - RTM45
1:30 pm - 2:30 pm	CME Interactive Sessions	Uterine Lining Improvement: Optimizing Success Rates of Frozen Embryo Transfer and Fresh Cycles: Traditional Therapies and Complementary and Alternative Medicine
		Stump the Audience: Interesting and Unusual Cases in Pediatric and Adolescent Gynecology
		Imaging of the Early Pregnancy and Its Pitfalls
		Testicular versus Ejaculated Sperm Should Be Used for Intracytoplasmic Sperm Injection (ICSI) in Cases of Recurrent ICSI Failure Due to Sperm DNA Fragmentation
		Contraception Interactive Session: Should We Use Hormonal Contraceptives in Obese Women?
		Use of Mitochondrial DNA Assessment as an Adjunct to Preimplantation Genetic Screening
		Translating Science into Practical Advice for Patients: Environment and Dietary Research
1:30 pm - 2:30 pm	MHPG Clinical Session:	What Does It Mean to Let People Know?: Issues of Disclosure in Donor-assisted Reproduction
2:30 pm - 3:15 pm	CME Plenary:	Finding your Niche: Stem Cell Plasticity in the Drosophila Testis
	Lecture:	David and Rosemary Adamson Lecture on Excellence in Reproductive Medicine: Comparative Aspects of Reproductive Technologies in Exotic Species and Human
3:15 pm - 4:00 pm	Break / Exhibits / Expo Theater	
4:00 pm - 5:30 pm	CME Symposia	Fresh versus Frozen Embryo Transfer in Women with Polycystic Ovary Syndrome: What Is the Evidence and What Are the Mechanisms?
		Transgender Fertility Treatment and Preservation in Gender Dysphoric Adolescents and Young Adults: Medical, Legal, and Psychological Concerns and Considerations
		Effect of Environment, Diet, and Lifestyle on Male and Female Fertility
		KY Cha Symposium in Stem Cell Technology and Reproductive Medicine: Changing and Exchanging Genomes
		Intracytoplasmic Sperm Injection (ICSI): Past, Present, and Future
		ESHRE Symposium: Genomic Editing in the Germ Line: Progress in Science Sparks the Ethical Debate
		AMMR Symposium: Cirugía o Reproducción Asistida en México: Sigue la Controversia
		CSRSM Symposium: Hot Topics in Reproductive Medicine
		ASPIRE Symposium: Advances in Understanding Oocyte Function and Structure
		Health Insurance Portability and Accountability Act (HIPAA): New Requirements and Audits
4:00 pm - 5:30 pm	Video Session 1 Video Sessions	

SCHEDULE-AT-A-GLANCE

TUESDAY, OCTOBER 31, 2017

6:00 am	8th Annual ASRM 5K Run & Walk
7:00 am – 8:45 am	Women's Council Breakfast
7:00 am - 8:45 am	Poster Abstract Session and Continental Breakfast
8:45 am - 9:30 am CME	Plenary: Why Smart People Believe Weird Things Too
9:30 am - 10:15 am CME	Plenary: Camran Nezhat, M.D. Lectureship in Innovations in Medicine Lecture: Cell and Gene Therapies in Reproductive Medicine
10:15 am - 11:00 am	Break / Exhibits / Expo Theater
11:00 am - 12:30 pm	Scientific Congress Prize Paper Session 2 Oral Abstract Sessions
12:30 pm - 1:30 pm	Break / Lunch / Exhibits / Expo Theater
	Expert Encounter: Difficult Management Cases in Male Infertility: From the Laboratory to the Bedside
	Expert Encounter: Challenge the Skeptic
	Lunch Symposium: More Than a Mother By Merck KGaA, Darmstadt, Germany in partnership with Africa Fertility Society
	Roundtables: RTT1 - RTT45
1:30 pm - 2:30 pm CME Interactive Sessions	Updates on Managing "Gray" and Abnormal Results with Preimplantation Genetic Testing
	Endometrial Gene Analysis: What Do We Learn and How to Apply in Clinical Practice
	Anovulation in Polycystic Ovary Syndrome: A Complementary and Alternative Medicine Approach - Acupuncture, Herbs, and Nutritional Supplements
	Does Endometriosis Impact In Vitro Fertilization Outcomes?
	Debate on the Increasing Utilization of Micromanipulation: Intracytoplasmic Sperm Injection and Assisted Hatching
	Menopause Interactive Session: Is Antimüllerian Hormone a Valuable Diagnostic Tool for Reproductive Function and Menopause?
Showcase	Ryan Fellows Showcase: Emerging Research in Contraception
1:30 pm - 2:30 pm	MHPG Clinical Session: Ethical Aspects of Embryo Donation
2:30 pm - 3:15 pm CME	Plenary: From Egg to Embryo: A Peripatetic Journey
	Keynote: Menopause Keynote Lecture: Current Concepts in the Care of Postmenopausal Women
3:15 pm - 4:00 pm	Break / Exhibits / Expo Theater
4:00 pm - 5:30 pm CME Symposia	Leiomyoma? Leiomyosarcoma? How Can I Tell?
	The "Trials" of an ART Case: Anatomy of a Lawsuit
	Facilitating Contact between Donors and Donor-conceived People
	Menopause Symposium: New Tools in the Armamentarium of Treatment Strategies for Diminished Ovarian Reserve, Early Menopause, and Premature Ovarian Insufficiency: Diagnostic Tests, Personalized Medicine, and Targeted Therapies
	Health, Supplements, and Adjuvant Therapies: Is There a Balance?
	Howard and Georgeanna Jones Symposium on Advanced Reproductive Technology: Composition of Culture Media and Potential Effects on Offspring
	Access to Care: Simplification of Assisted Reproductive Technologies
	ABOG Foundation - Kenneth J. Ryan Ethics Symposium: Egg Freezing as an Emerging Frontier in Reproductive Medicine: Navigating the Clinical, Ethical, and Legal Challenges.
	ALMER Symposium: Manejo del Factor Uterino Absoluto: Gestación por Substitución y Trasplante Uterino
	A Path to Increased Engagement for Physicians
4:00 pm - 5:30 pm Video Sessions	Video Session 2

SCHEDULE-AT-A-GLANCE

WEDNESDAY, NOVEMBER 1, 2017

7:00 am - 8:30 am	Poster Abstract Session and Continental Breakfast	
8:30 am - 9:15 am	CME Plenary:	Women's Health Topics in the Media
9:15 am - 9:45 am	ASRM Members' Meeting and Congress Prize Presentation	
9:45 am - 10:30 am	CME Plenary:	SRS Lecture: Uterine Transplantation: Lessons Learned
10:30 am - 11:00 am	Break / Exhibits / Expo Theater	
11:00 am - 12:00 pm	CME MHPG Clinical Session:	Utility of Projective Assessment in the Psychological Evaluation of Gestational Carriers
11:00 am - 12:30 pm	Telesurgery:	Resection of Cesarean Scar by Hysteroscopic and Laparoscopic Approaches
11:00 am - 12:30 pm	Oral Abstract Sessions	
12:30 pm - 1:30 pm	Break / Lunch / Exhibits / Expo Theater	
	Expert Encounter:	Mosaicism
	Expert Encounter:	Women's Health in the Media - Challenges and Opportunities
	Roundtables:	RTW1 - RTW35
1:30 pm - 2:30 pm	CME Surgical Tutorial:	Surgical Treatment of Septate Uterus
1:30 pm - 2:30 pm Interactive Sessions	CME	Follow the Double Helix: How to Intertwine Genetic Counseling and Your Fertility Practice
		Unexplained Recurrent Pregnancy Loss: Controversies in Management
		DNA Law: What Is It and Where Is It Going in Assisted Reproductive Technology?
		Emotional Needs of Women with Polycystic Ovary Syndrome and Impact on Weight Management
		Preserving Future Reproductive Function in Males and Females: Adolescence and Beyond
		Preimplantation Genetic Testing Platforms: Everything You Have Wanted to Know but Were Afraid to Ask
2:30 pm - 3:15 pm	CME Keynote:	SSR Exchange Keynote Lecture
	Keynote:	Contraception Keynote Lecture: Rational Design of Contraception Based on Molecular Genetics
3:15 pm - 3:30 pm	Break	
3:30 pm - 5:00 pm Symposia	CME	Just Relax and It Will Happen: A Debate on the Relationship Between Stress and Infertility
		Changing Culture, Changing Process: Corporate IVF and Patient Care
		Uterine Transplant: Technical and Ethical Issues
		FDA Symposium: Contraceptive Products and an Update on Assisted Reproductive Technology Devices
		MEFS Symposium: Fertility Preservation: Contemporary Interests
		ISAR Symposium: Polycystic Ovary Syndrome and Fertility: Do We Have It Right?
		Laboratory Management: Risk, Reporting, and Relations

Roundtables

Monday, October 30, 2017

Androgen Excess

RTM01

Patient-centered Care for Polycystic Ovary Syndrome

Emily Jungheim, M.D.
Washington University

Assisted Reproductive Technology

RTM02

Diminished Ovarian Reserve and Assisted Reproductive Technology

Orhan Bukulmez, M.D.
University of Texas Southwestern Medical Center

RTM03

Strategies to Minimize the Monitoring Burden of Assisted Reproductive Technology

Kathleen Doody, M.D.
Center for Assisted Reproduction

RTM04

Maximizing Reproductive Potential

Eric Surrey, M.D.
Colorado Center for Reproductive Medicine

Chinese Reproductive Medicine

RTM05

In Vitro Fertilization Patients with Premature Ovarian Failure

Zi-Jiang Chen, M.D., Ph.D.
Shandong University

Complementary & Integrative Medicine

RTM06

Incorporating Integrative Medicine into Your Reproductive Practice

Peter G. Harvey, L.Ac., M.S.O.M., F.A.B.O.R.M.
Eastern Healing

Contraception

RTM07

Tackling Difficult Intrauterine Device Removals

Ghazaleh Moayed, D.O.
University of Hawaii

Early Pregnancy

RTM08

Progesterone Support in Early Pregnancy

Vicki Schnell, M.D.
Center of Reproductive Medicine

Education Modalities

RTM09

Winning the Teaching Game: How to Give Interactive and Engaging Lectures

Ranjith Ramasamy, M.D.
University of Miami

Endometriosis

RTM10

Managing Chronic Pelvic Pain in Women Trying to Conceive

Rebecca Flyckt, M.D.
Cleveland Clinic

Environment and Reproduction

RTM11

Interactions between Environmental Chemicals and Diet in Human Fertility

Jorge E. Chavarro, M.D., D.Sc.
Harvard T.H. Chan School of Public Health

Fertility Preservation

RTM12

Update on Culturing Human Spermatogonial Stem Cells for Oncofertility

James Hotaling, M.D.
University of Utah

RTM13

Fertility Preservation in Men

Puneet Masson, M.D.
University of Pennsylvania

Fibroids

RTM14

New Medical Treatments for Uterine Fibroids

William H. Catherino, M.D., Ph.D.
Uniformed Services University of the Health Science

Genetic Counseling

RTM15

How to Handle "New Genetic Information" Regarding Gamete Donors

Amy Vance, M.S., L.C.G.C.
Bay Area Genetic Counseling

Health Disparities

RTM16

Selective Progesterone Receptor Modulators for Fertility Preservation in Patients with Uterine Fibroids

Ayman Al-Hendy, M.D., Ph.D.
Augusta University

Imaging

RTM17

Ultrasound Screening and Baseline Assessment in Infertility

Amanda Skillern, M.D.
RMA of Texas, University of Texas Dell Medical School

LGBTQ

RTM18

Exploring the Psychosocial and Legal Aspects of LGBTQ Family Building: A Primer for the Medical, Legal, and Mental Health Practitioner

Kim Bergman, Ph.D.
Growing Generations

Legal

RTM19

Embryo Disputes: Legal Uses of Consents and Contracts

Melissa Brisman, J.D.
Melissa B. Brisman, Esq., LLC., Reproductive Possibilities, LLC.

Roundtables

RTM20

Legal Updates on Third-party Reproduction

Heather Ross, J.D.
Ross & Zuckerman, LLP

Male Reproduction and Urology

RTM21

Intracytoplasmic Sperm Injection (ICSI) Outcomes and Sperm Source

Joseph P. Alukal, M.D.
New York University School of Medicine

RTM22

Effect of Environment, Diet, and Lifestyle on Sperm Parameters

Michael L. Eisenberg, M.D.
Stanford University

RTM23

Paternal Age: Are There Limits for Assisted Reproductive Technology?

Thomas J. Walsh, M.D.
University of Washington

Menopause & Ovarian Insufficiency

RTM24

Approach to the Patient with Premature Ovarian Insufficiency Who Wants to Conceive with Her Own Eggs

Mindy S. Christianson, M.D.
Johns Hopkins University School of Medicine

Mental Health

RTM25

Infertility to Adoption

Carolyn N. Berger, L.C.S.W.
Private Practice, Westchester & NYC

RTM26

Intended Parents and Third-party Arrangements from China: What Donors, Surrogates, and Intended Parents Need to Know

Elaine R. Gordon, Ph.D.
Santa Monica/UCLA Hospital

Nurses

RTM27

How to Hold onto Your Newbies: Improving Nurse Retention

Danielle L. Burke, B.S.N., R.N.
RMA of New Jersey

RTM28

The Utilization of Advanced Practice Providers in a Reproductive Medicine Practice

Shana M. Perman, P.A.-C.
Shady Grove Fertility

Nutrition

RTM29

Translating Nutrition Research into Clinical Advice

Christina E. Boots, M.D.
Northwestern University

Preimplantation Genetic Diagnosis

RTM30

Workup When Euploid Blastocysts Fail to Implant

Eric J. Forman, M.D.
RMA of New Jersey

RTM31

Toward Comprehensive Preimplantation Genetic Diagnosis

Svetlana Rechitsky, Ph.D.
Reproductive Genetic Innovations

Regenerative Medicine and Stem Cell Biology

RTM32

Stem Cell Therapy for Urinary Incontinence

Margot Damaser, Ph.D.
Cleveland Clinic

Reproductive Biology and Technology

RTM33

Noninvasive Embryo Selection

Charles Bormann, Ph.D.
Massachusetts General Hospital

RTM34

Quality Control/Quality Assurance in the Era of Freeze-all Cycles

Alison Coates, B.Sc.
Oregon Reproductive Medicine

RTM35

Streamlining Workflow in the In Vitro Fertilization Lab

Dawn A. Kelk, Ph.D., H.C.L.D.
Yale University

Reproductive Endocrinology and Infertility

RTM36

What Tests to Include in Expanded Carrier Screening

William J. Butler, M.D.
Mercer University School of Medicine, Navicent Health

RTM37

Miscarriage Chromosome Testing: Pearls for Practice

Mary D. Stephenson, M.D., M.Sc.
University of Illinois at Chicago

Reproductive Immunology

RTM38

How to Manage Repeated Implantation Failure

Joanne Kwak-Kim, M.D., M.P.H.
Rosalind Franklin University of Medicine and Science

Reproductive Managers

RTM39

Simplified IT Solutions Every Fertility Center Can't Live Without

Bob Huff
RMA of Texas

RTM40

Patient Engagement and Managing Patient Concerns

Colin Thomas, M.H.A.
Columbia University Center for Women's Reproductive Care

Roundtables

Reproductive Surgery

RTM41

Adenomyosis: Surgical Correction

Keith Isaacson, M.D.

Harvard Medical School

RTM42

Vasectomy Reversal: Tips and Tricks

Sheldon Marks, M.D.

International Center for Vasectomy Reversal

RTM43

Management of Severe Symptomatic Endometriosis

Ceana Nezhat, M.D.

Nezhat Medical Center

Spanish Reproductive Medicine

RTM44

Screening Genético en Todos los Casos?

Marcelo J. Barrionuevo, M.D.

IVF Florida Reproductive Associates

Turkish Reproductive Medicine

RTM45

Ovarian Aging and Fertility Preservation in Women with BRCA Mutations and Breast Cancer

Kutluk Oktay, M.D., Ph.D.

New York Medical College

Tuesday, October 31, 2017

Access to Care

RTT01

Disparities in Access to Fertility Services

Paula Amato, M.D.

Oregon Health & Science University

Androgen Excess

RTT02

Dietary Interventions in Women with Polycystic Ovary Syndrome

Marla E. Lujan, Ph.D.

Cornell University

Assisted Reproductive Technology

RTT03

Laboratory Quality Assurance: Using Society for Assisted Reproductive Technology (SART) Outcomes to Troubleshoot Your Own Outcomes

Marybeth Gerity, Ph.D., M.B.A.

Reproductive Biology Resources, Inc.

RTT04

Is There a Role for Assisted Reproductive Technology in Treating Recurrent Pregnancy Loss?

William H. Kutteh, M.D., H.C.L.D.

Vanderbilt University Medical Center

RTT05

Fertility Preservation

Amber Cooper, M.D., M.S.C.I.

Centers for Reproductive Medicine and Wellness

Chinese Reproductive Medicine

RTT06

Oocyte Cryopreservation

Huai L. Feng, Ph.D., H.C.L.D.

New York-Presbyterian Health System Affiliate Weill Cornell Medical College

Complementary & Integrative Medicine

RTT07

Pre-pregnancy Preparation

Lee Hullender Rubin, D.A.O.M., L.Ac., F.A.B.O.R.M.

Portland Acupuncture Studio

Contraception

RTT08

Manual Vacuum Aspiration in an Outpatient Setting

Steven Gay, M.D.

Emory University

Early Pregnancy

RTT09

Cytokine Levels in Predicting Early In Vitro Fertilization Pregnancy Outcome

Steven D. Spandorfer, M.D.

Cornell University

Endometriosis

RTT10

Endometriosis, Antimüllerian Hormone, and Assisted Reproductive Technology

Linnea Goodman, M.D.

RMA New Jersey

Environment and Reproduction

RTT11

The Developmental Origins of Health and Disease (DOHaD) Perspective and In Vitro Fertilization

Paolo Rinaudo, M.D., Ph.D.

University of California, San Francisco

Fertility Preservation

RTT12

Fertility Preservation in Children: Oncology and Beyond

Leslie A. Appiah, M.D.

University of Kentucky College of Medicine

Roundtables

Fibroids

RTT13

Obstetric Complications of Uterine Fibroids

Bradley S. Hurst, M.D.
Carolinas HealthCare System

Genetic Counseling

RTT14

What Can Preimplantation Genetic Screening Really Tell Us about Embryo Mosaicism?

Emily Mounts, M.S., C.G.C.
Oregon Reproductive Medicine

Health Disparities

RTT15

Ethnic Disparities and Assisted Reproductive Technology Outcome

Fady Sharara, M.D.
Virginia Center for Reproductive Medicine

Imaging

RTT16

Ultrasound Evaluation of Uterine Septum: When Are Patients Surgical Candidates?

Laura Detti, M.D.
University of Tennessee at Memphis

Indian Reproductive Medicine

RTT17

Premature Progesterone Rise: Its Significance

Manish Banker, M.D.
Nova IVI Fertility

LGBTQ

RTT18

How to Be an LGBTQ-friendly Fertility Medical Practice

Samuel C. Pang, M.D.
IVF New England

Legal

RTT19

Compassionate Transfer of Embryos: Patient Requests and Provider Duties

Judith Daar, J.D.
Whittier Law School

RTT20

Legal Issues Specific to Fertility Preservation

Nidhi Desai, J.D.
Desai & Miller

Male Reproduction and Urology

RTT21

Management of the Cryptozoospermic/Azoospermic Patient

Martin N. Kathrins, M.D.
Brigham & Women's Hospital

RTT22

When to Consider Donor Sperm in the Setting of Severe Male Factor

James F. Smith, M.D.
University of California, San Francisco

RTT23

Oncofertility (Including Prepubertal Banking Options and Use of Sperm Post Cancer Treatment)

Daniel H. Williams, M.D.
University of Wisconsin

Menopause and Ovarian Insufficiency

RTT24

Fragile X Premutation: Premature Ovarian Insufficiency and Beyond

Satu Kuokkanen, M.D., Ph.D.
Albert Einstein College of Medicine

Mental Health

RTT25

Is Telemental Health an Appropriate Tool to Work with When It Comes to Helping Create Families?

Irene Celcer, M.A., L.C.S.W.
Private Practice, Atlanta

RTT26

Getting Off the Fertility Roller Coaster: How to Help Patients Make the Decision to End Treatment

Ariadna Cymet-Lanski, Psy.D.
Fertility Centers of Illinois

Nurses

RTT27

(Donor) Age Is Only a Number: A Comparison of Oocyte Donors

Meghan K. Pierce, B.S.N., R.N.
RMA of New Jersey

RTT28

Incorporating Integrative Medicine into Your Reproductive Endocrinology Practice

Carmelo Sgarlata, M.D.
Oregon Reproductive Medicine

Pediatric and Adolescent Gynecology

RTT29

Polycystic Ovary Syndrome in Adolescents

Xiomara M. Santos, M.D.
Orlando Health

Physician-Scientists

RTT30

Being a Reproductive Endocrinology and Infertility Academician Today: Opportunities and Challenges

Zaher O. Merhi, M.D.
NYU School of Medicine

Roundtables

Preimplantation Genetic Diagnosis

RTT31
New Developments in Preimplantation 24-Chromosome Aneuploidy Testing
 Dagan Wells, Ph.D.
Oxford University

Regenerative Medicine and Stem Cell Biology

RTT32
Stem Cell Therapy in Asherman Syndrome
 Carlos Simón, M.D., Ph.D.
University of Valencia, INCLIVA; Igenomix

Reproductive Biology and Technology

RTT33
On Which Patients Is Preimplantation Genetic Screening Best Used?
 G. David Ball, Ph.D., H.C.L.D.
Seattle Reproductive Medicine

RTT34
Embryo Culture Medium
 Rebecca Krisher, Ph.D.
Colorado Center for Reproductive Medicine

RTT35
Frozen-thawed Eggs: How Do They Compare to Fresh Donor and Non-donor Egg Cycles?
 Michael Lee, M.S.
Fertility Solutions

Reproductive Endocrinology and Infertility

RTT36
Preimplantation Genetic Screening: Methods and Indications
 David P. Cohen, M.D.
Institute for Human Reproduction

RTT37
When to Use Clomiphene and When to Use Letrozole

Richard S. Legro, M.D.
Pennsylvania State University

RTT38
Society for Reproductive Endocrinology and Infertility (SREI) Forum
 Craig R. Sweet, M.D.
Embryo Donation International, P.C.

Reproductive Managers

RTT39
Compensation Structures for Partner, Employer, and Contracted Physicians
 Matt Richardson, M.B.A.
Reproductive Partners Medical Group

RTT40
Top Five Risk Management Issues in a Fertility Practice
 Lisa A. Rinehart, J.D., R.N.
LegalCare Consulting, Inc.

Reproductive Surgery

RTT41
Klinefelter Syndrome
 Kelly Chiles, M.D.
George Washington University

RTT42
Hysteroscopic Treatment of Asherman Syndrome: Surgical Pearls
 Steven R. Lindheim, M.D.
Wright State University

RTT43
Endometriosis: When to Operate
 Salli Tazuke, M.D.
CCRM San Francisco

Spanish Reproductive Medicine

RTT44
Selección Espermática: Necesidad o Moda?
 Pedro Cuapio-Padilla, M.S.
Hispaprep (Mexico) Clinic of Assisted Reproduction, Spanish Hospital

Turkish Reproductive Medicine

RTT45
Management of Refractory Endometriosis
 Serdar Bulun, M.D.
Northwestern University

Wednesday, November 1, 2017

Access to Care

RTW01
Access to Care for Male Fertility Patients
 Ajay Nangia, M.B.B.S.
University of Kansas Medical Center

Androgen Excess

RTW02
Adjunctive Therapies for Polycystic Ovary Syndrome
 Rebecca S. Usadi, M.D.
Carolinas Healthcare System

Assisted Reproductive Technology

RTW03
In Vitro Fertilization Strategies for Patients with Polycystic Ovary Syndrome
 Angeline N. Beltsos, M.D.
Vios Fertility Institute

RTW04
Home Ultrasound Monitoring for Assisted Reproductive Technology
 Jan Gerris, M.D., Ph.D.
Ghent University Hospital

RTW05
Implementation of Intravaginal Embryo Culture Systems
 Martin T. Langley, B.S.
Center for Assisted Reproduction

Roundtables

Early Pregnancy

RTW06

Pathologic Evaluation of Early and Recurrent Pregnancy Loss

Harvey J. Kliman, M.D., Ph.D.

Yale University School of Medicine

Fertility Preservation

RTW07

Fertility: Preservation: Maximizing Outreach and Patient Resources for Your Program

Janet M. Bouknight, M.D., M.S.C.E.

University of Alabama at

Birmingham

Genetic Counseling

RTW08

Implementing an Expanded Carrier Screening Program in Fertility Clinics

Andria Besser, M.Sc.

NYU Langone Fertility Center

Legal

RTW09

Access to Care: Military Benefits and Financing Strategies

Margaret E. Swain, J.D., R.N.

Law Office of Margaret E. Swain

RTW10

Writing Policies Regarding Disposing of Abandoned Embryos

Richard B. Vaughn, J.D.

International Fertility Law Group Inc.

Male Reproduction and Urology

RTW11

Testosterone Replacement/Male Rejuvenation and Impacts on Fertility

Kathleen Hwang, M.D.

The Alpert Medical School of Brown University

RTW12

Methods of Surgical Sperm Extraction and Implications for Success

Mary K. Samplaski, M.D.

University of Southern California

RTW13

Medical Management of Male Infertility

Landon W. Trost, M.D.

Mayo Clinic

Mental Health

RTW14

A Rabbi, a Priest, and a Therapist Walk Into a Fertility Clinic: Integrating Spirituality in the Emotional Support of Fertility Patients

Silvia Schneider Fox, Psy.D.

Fertility Resilience

RTW15

Using the TIP TOP Program to Help Children Conceived through Ovum and Sperm Donation Manage the Disclosure of Their Genetic Information

Lisa Schuman, L.C.S.W.

RMA of Connecticut

Nurses

RTW16

When Your Egg Donor Returns to Your Clinic as an Infertility Patient

Karen Hammond, D.N.P., N.P.

Alabama Fertility Specialists

RTW17

Initiating Research and Quality Improvement Projects to Improve Patient Care

Eleanor Lowndes Stevenson,

Ph.D., R.N.

Duke University School of Nursing

Nutrition

RTW18

Nutrition and...the Endometrium

Patricia Jimenez, M.D.

University of Texas Southwestern Medical School

Preimplantation Genetic Diagnosis

RTW19

Preimplantation Genetic Testing Workflow and Communication among the In Vitro Fertilization Lab, Preimplantation Genetic Testing Lab, and Clinicians

T. Arthur Chang, Ph.D., H.C.L.D.

University of Texas Health Science Center

RTW20

Mosaicism in Preimplantation 24-chromosome Aneuploidy Testing

Carmen Rubio, Ph.D.

Igenomix

Regenerative Medicine and Stem Cell Biology

RTW21

Using Stem Cell Models to Examine Environmental Exposure Impacts on Fertility and Developmental Origins of Human Disease

Charles A. Easley, Ph.D.

University of Georgia

Reproductive Biology and Technology

RTW22

Clinical Utility of Sperm DNA Fragmentation Testing

Ashok Agarwal, Ph.D., H.C.L.D.

Cleveland Clinic Foundation

RTW23

Patient Safety in the In Vitro Fertilization Lab

Anthony Anderson, D.Sc.

RMA Texas

RTW24

Oocyte Vitrification: Techniques and Quality Control/Quality Assurance

Wayne Caswell, B.S.

Donor Egg Bank

Roundtables

Reproductive Endocrinology and Infertility

RTW25

When to Operate on Fibroids for Fertility

Bala Bhagavath, M.B.B.S.
Strong Fertility Center, University of Rochester Medical Center

RTW26

Emergency Ovulation Induction for Fertility Preservation

Larisa Gavrilova-Jordan, M.D.
Augusta University

RTW27

Clinical Significance of Diminished Ovarian Reserve

David B. Seifer, M.D.
The Geisel School of Medicine at Dartmouth

Reproductive Managers

RTW28

How Digital Media and Mobile Are Changing the Way Patients Interact with Your Practice

Griffin Jones, B.A.
Fertility Bridge

RTW29

Staff Engagement

Hayley Rothblum
Arizona Associates for Reproductive Health

Reproductive Surgery

RTW30

How to Get a Large Fibroid Out of a Small Incision

Stephanie J. Estes, M.D., F.A.C.O.G.
Penn State Health

RTW31

Laparoscopic Myomectomy for the Reproductive Surgeon: When and How

Anthony Imudia, M.D.
University of South Florida

RTW32

Indications for Varicocele Repair

Cigdem Tanrikut, M.D., F.A.C.S.
Massachusetts General Hospital

Spanish Reproductive Medicine

RTW33

La Donación de Gametos en Mexico: Cuándo y a Quién. (Gamete donation in México: When and to Whom)

Silvio Cuneo-Pareto, M.D.
CONCIBE Reproducción Asistida, Mexico City

Turkish Reproductive Medicine

RTW34

Mitochondria and Reproduction: Possibilities for Testing and Treatment

Emre Seli, M.D.
Yale University



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