

**Machelle M. Seibel, MD
Curriculum Vitae**

Date Prepared: 5 October 2023
Name: Machelle M. Seibel
Mail Address: 170 Old Farm Road, Newton, MA 02459
Work Phone: 617-916-1880
Mobile Phone: 617-851-5034
Work Email: DoctorSeibel@gmail.com
Work FAX: 617-964-4549
Place of Birth: Galveston, TX

Education

| | | | |
|------|------|----------|--|
| 1971 | B.A. | History | University of Texas at Austin, TX |
| 1975 | M.D. | Medicine | University of Texas Medical Branch Galveston, TX |

Postdoctoral Training

| | | | |
|-----------|----------|--|--|
| 1975-1976 | Intern | Department of Gynecology and Obstetrics | Emory University, Grady Memorial Hospital, Atlanta, GA |
| 1976-1979 | Resident | Department of Gynecology and Obstetrics | Emory University, Grady Memorial Hospital, Atlanta, GA |
| 1979-1981 | Fellow | Reproductive Endocrinology and Infertility | Beth Israel Hospital, Harvard Medical School, Boston, MA |

Faculty Academic Appointments

| | | | |
|-----------|---------------------|---------------------------|------------------------------------|
| 1979 | Instructor | Obstetrics and Gynecology | Emory University, Atlanta, GA |
| 1979-1982 | Instructor | Obstetrics and Gynecology | Harvard Medical School, Boston, MA |
| 1982-1985 | Assistant Professor | Obstetrics and Gynecology | Harvard Medical School, Boston, MA |
| 1985-1990 | Associate Professor | Obstetrics and Gynecology | Harvard Medical School, Boston, MA |
| 1990-1997 | Associate Clinical | Surgery (Gynecology) | Harvard-Deaconess |

| | | | |
|-----------|----------------------------|------------------------------------|---|
| | Professor | | Surgical Program, Boston, MA |
| 1997-2001 | Adjunct Clinical Professor | Obstetrics and Gynecology | Boston University School of Medicine, Boston, MA |
| 2002-2017 | Professor | Clinical Obstetrics and Gynecology | University of Massachusetts Medical School, Worcester, MA |
| 2017-2023 | Member of Faculty | Obstetrics and Gynecology | Beth Israel Hospital/ Harvard Medical School |

Appointments at Hospitals/Affiliated Institutions

| | | | |
|-----------|-----------------------------------|---|--|
| 1980-1987 | Staff Physician | Division of Reproductive Endocrinology and Infertility | Brigham and Women's Hospital, Boston, MA |
| 1981-1989 | Director | Gynecologic Endocrinology Laboratory | Beth Israel Hospital, Boston, MA |
| 1982-1989 | Staff Physician | Department of Obstetrics and Gynecology | Deaconess Hospital, Boston, MA |
| 1983-1985 | Co-Director | In Vitro Fertilization Program | Beth Israel Hospital, Boston, MA |
| 1985-1990 | Director | In Vitro Fertilization Program | Beth Israel Hospital, Boston, MA |
| 1987-1990 | Director | Division of Reproductive Endocrinology and Infertility | Beth Israel Hospital, Boston, MA |
| 1990-1999 | Director | Faulkner Center for Reproductive Medicine | Faulkner Hospital, Boston, MA |
| 1994-2005 | Staff Physician | Department of Obstetrics and Gynecology | Newton-Wellesley Hospital, Newton, MA |
| 1999-2001 | Staff Physician | Department of Obstetrics and Gynecology | Beverly Hospital, Beverly, MA |
| 1999-2001 | Staff Physician | Department of Obstetrics and Gynecology | Winchester Hospital, Winchester, MA |
| 1999-2003 | Staff Physician, <i>part-time</i> | Department of Obstetrics and Gynecology | Norwood Hospital, Norwood, MA |
| 2004-2011 | Director | Complicated Menopause Program | University of Massachusetts Memorial Medical Center, Worcester, MA |
| 2012-2016 | Staff Physician | Gynecology and Women's Mental Health Program – Jointly in the Departments of Obstetrics and Gynecology and Psychiatry | University of Massachusetts Memorial Medical Center, Worcester, MA |
| 2017-2023 | Staff Physician | Department of Obstetrics and Gynecology | Beth Israel Hospital, Boston, MA |
| 2017- | | Provide Subspecialty Board Review REI Fellows | Beth Israel Hospital, Boston, MA |

Other Professional Positions

| | | |
|-----------|------------------------|---|
| 1996-1997 | Medical Advisory Board | Columbia Laboratories (COB), Miami, FL |
| 1998-2004 | Medical Director | Inverness Medical, Inc. (now Alere), Waltham, MA |
| 2001-2002 | Board of Directors | Drug Innovation and Design (DIAD), Waltham, MA |
| 2004-2012 | Consultant | Lil' Drug Store, Cedar Rapids, IA |
| 2021-2023 | Chief Medical Officer | Second Bloom HQ (Menopause Education) |

Major Administrative Leadership Positions

Local

| | | |
|------------------|---|---|
| 1995-1996 | Chairman, Ethics Committee | National Reproductive Health Care Network Temple Emeth, Chestnut Hill, MA |
| 1996- Present | Board of Directors | Temple Emeth, Chestnut Hill, MA |
| 1996-2004 | Chairman, Ritual Committee | ProMutual Medical Professional Mutual Insurance Company, Boston, MA |
| 1997-1998 | Chairman, Ethics Advisory Board in Obstetrics and Gynecology | Boston Association of Cabaret Artists, Boston, MA |
| 2005-2006 | Board of Directors | |

Committee Service

Local

| | | |
|------------------|--|--|
| 1982-1988 | Medical Executive Committee Standing Subcommittee on Radioisotopes and Radioactive Drug Research | Beth Israel Hospital, Boston, MA |
| 1982-1989 | Medical Executive Committee Standing Subcommittee on Animal Research | Beth Israel Hospital, Boston, MA |
| 1982-1984 | Advisory Committee, Clinical Research Center | Beth Israel Hospital, Boston, MA |
| 1990-1999 | Founder and Chairman, Reproductive Medicine Ethics Advisory Board | Faulkner Hospital, Boston, MA |
| 1992-1994 | Medical Executive Committee | Faulkner Hospital, Boston, MA |
| 1995-2012 | Consultant to Primate Center | Franklin Park Zoo, Boston, MA |
| 1996-2004 | Animal Care Committee | Franklin Park Zoo, Boston, MA |
| 1996- Present | Board of Directors | Temple Emeth, Chestnut Hill, MA |
| 1996-2004 | Chairman, Ritual Committee | Temple Emeth, Chestnut Hill, MA |
| 1997-1998 | Chairman, Ethics Advisory Board in Obstetrics and Gynecology | ProMutual Medical Professional Mutual Insurance Company, Boston, MA |

Regional

| | | |
|-----------|---|---|
| 2010-2012 | Board of Directors, Professional Member | National Speakers Association, New England Chapter |
|-----------|---|---|

National and International

| | | |
|-----------|----------------------------|--|
| 1995-1996 | Chairman, Ethics Committee | National Reproductive Health Care Network |
|-----------|----------------------------|--|

| | | |
|----------------|---------------------------------------|---|
| 2004 - Present | Medical Advisory Board Member | Red Hot Mamas Menopause Patient Advocacy Organization, North America, |
| 2011 – 2019 | Medical Advisory Board Member | EmpowHER, one of the largest women's health and advocacy websites in nation |
| 2015 | Abstract Selection | North American Menopause Society |
| 2008 -2018 | Medical Advisory Board | HealthCorps – founded by Mehmet Oz to combat childhood obesity |
| 2014 – Present | Founding Member of Board of Directors | Advancing Health After Hysterectomy – established to combat widespread fears about estrogen based on a misunderstanding of the results of one study-The Women’s Health Initiative (WHI) |
| 2022- | Working Group Member | Society for Women’s Health Research (SWHR) Menopause Workplace Education Working Group |
| 2023 | Woman’s Bureau Department of Labor | Roundtable Speaker: Menopause in the Workplace |

Professional Societies

| | | |
|-------------|---|---|
| 1971 | Phi Alpha Theta National History Honor Society | |
| 1974-1975 | Phi Delta Epsilon Medical Fraternity | |
| | 1974-1975 | Regional Governor |
| | 1975 | President |
| 1977-1983 | American College of Obstetricians and Gynecologists | Junior Fellow |
| 1979 | Dan Thompson Obstetrical Society | |
| 1979-1982 | American Fertility Society | Associate Membership |
| 1982 | American Fertility Society | Active Membership |
| 1983 | American College of Obstetricians and Gynecologists | Fellow |
| 1984 | Endocrine Society | |
| 1984 - 2012 | Society of Reproductive Endocrinologists | |
| | 1987-1989 | Secretary-Treasurer |
| 1984 | Society for Gynecologic Investigation | |
| 1984 | American Association for the Advancement of Science | |
| 1985 - 2004 | Boston Obstetrical Society | |
| 1988 | Society for Assisted Reproductive Technologies | |
| 1989-1994 | The American Fertility Society | State Legislature Monitor, Office of Government Relations |
| 1990 | Society of Reproductive Surgeons | |
| 1990 | American Fertility Society Psychological Special Interest Group | |
| 1992-1994 | Massachusetts Medical Society | Counselor, Charles River District |
| 1995-1996 | National Reproductive Health Care Network | |

| | | |
|--------------------|--|--------------------------|
| 1996 | American Institute for Ultrasound in Medicine | |
| 1997 | American College of Clinical Endocrinology | Fellow |
| 1997 - 1997 - 2005 | North American Menopause Society The Society of Laparoendoscopic Surgeons | |
| 2004 - Present | American Cancer Society NEng Division | Medical Advisory Network |
| 2006-2007 | Boston Association of Cabaret Artists | Board of Directors |
| 2007-2016 | HealthCorps – Childhood Obesity | Advisory Board |
| 2007-2009 | Road of Life | Advisory Board |
| 2011-2012 | National Speakers Association New England | Board of Directors |
| 2013-2014 | Xperience Connections | Advisory Board |

Editorial Activities

| | |
|--------------|--|
| 1984-1988 | Intelligence Reports in Obstetrics and Gynecology |
| 1986-1988 | Prologues: The Prolactin Newsletter |
| 1990-1992 | Reproductive Technology Update |
| 1994-2001 | Gynecology and Obstetrics Investigation |
| 2002-2006 | Editor-in-Chief, Sexuality, Reproduction & Menopause; A journal of the American Society for Reproductive Medicine, Elsevier Publishing |
| 2013-Present | Founding Publisher, Editor, The Hot Years™ magazine |

Honors and Prizes

| | |
|---------|---|
| 1971 | Cum Laude, University of Texas at Austin |
| 1979 | First Place, Resident Research Day, Clinical Topics in Gynecology and Obstetrics, Emory University, Atlanta, Georgia |
| 1983 | Searle-Donald F. Richardson Memorial Prize Paper Award American College of Obstetrics and Gynecology |
| 1990 | Contemporary OB/GYN Award for Best Gynecology article written in 1989. |
| 1990 | Opening address, annual meeting of the Israeli Fertility Society, Tel Aviv, Israel |
| 1993 | American College of Obstetricians & Gynecologists – Mead Johnson Laboratories Focus on Patient Education Award |
| 1994 | The Ovarian Workshop - Oral Presentation Award |
| 1995 | New England Regional Genetics Group Educational Grant to develop ethics course in preimplantation genetics. |
| 1998-16 | The Best Doctors in America - Woodward and White Survey of 35,000 doctors to rate clinical abilities of other doctors |
| 2003 | National Health Information Award (Patient Education Information) for Health Cheques: Journal Babies |
| 2006 | Consumer Education Award-American Society for Reproductive Medicine |
| 2007 | eHealthcare Leadership Award for HealthRock® website |
| 2008 | iParenting Media Award for HealthRock® website |
| 2008 | iParenting Media Award for HealthRock® Lullaby CD |
| 2008 | Parents' Choice Approved Award for HealthRock® Lullaby CD |
| 2008 | Ashbel Smith Distinguished Alumnus Award – University of Texas Medical Branch |

| | |
|------|---|
| 2009 | Creative Child CD of the Year Award for HealthRock Preschool CD |
| 2009 | Texas City Independent School District Hall of Honor – Outstanding Alumnus |
| 2010 | The Doctor’s Channel Film Festival Award for Prostate Music Video |
| 2010 | Creative Child CD of The Year Award for Amp Up Your Kid’s Health |
| 2010 | Health Sciences Communications Association Film Festival Award |
| 2011 | Creative Child CD of The Year Award for Let’s Move |
| 2012 | Creative Child CD of The Year Award for Sleep Tight |
| 2012 | Bronze Web Health Award – HealthRock.com – Music and Medicine |
| 2012 | Gold Web Health Award – Menopause and General Health |
| 2013 | Media Award – North American Menopause Society for advancing the understanding of menopause |
| 2014 | Bill & Melinda Gates Foundation Award – Grand Challenges Explorations |

Report of Funded and Unfunded Projects

Funding Information

Past

Evaluation of pure urinary FSH on ovarian follicles in amenorrheic patients with polycystic ovarian disease. Principal Investigator. Serono Laboratories.

cAMP, cGMP in maturing oocytes and their microenvironment. Co-Investigator. National Institute of Child Health and Human Development.

Ovulation induction with pulsatile GnRH. Principal Investigator. Travenol Laboratories.

The use of long-acting GnRH agonist in the treatment of endometriosis. Principal Investigator. Hoechst Pharmaceuticals.

Double blind safety and efficacy study of Lupron Depot for 6 months versus Lupron Depot for 3 months in the treatment of endometriosis. Principal Investigator. TAP Pharmaceuticals.

Use of Nafarelin vs. placebo following reproductive laparoscopic surgery in patients with endometriosis. Principal Investigator. Syntex Laboratories.

The use of Bioself in the detection of perimenopause. Principal Investigator. Selfcare, Inc.

Highly purified follicle stimulating hormone for ovulation induction for in vitro fertilization. Principal Investigator. Serono Laboratories.

Crinone Vaginal Gel progesterone for assisted reproductive technologies. Principal Investigator. Wyeth-Ayerst Laboratories

Air-Infused Female Condom. Principal Investigator. Gates Foundation Grand Challenges Award,

Report of Local Teaching and Training

Teaching of Students in Courses

| | | |
|-----------|--|---|
| 1979-1989 | <i>Reproductive Endocrinology and Infertility</i> 5-8 medical students | Harvard Medical School, Boston, MA <i>9 hours per year</i> |
| 1981 | <i>Annual Update in Reproductive Endocrinology and Infertility</i> Course Developer, Co-Director and Lecturer | Beth Israel Hospital and Harvard Medical School, Boston, MA |
| 1981 | <i>Clinical Management of the Infertile Couple</i> Course Developer and Co-Director, Postgraduate Course | Harvard Medical School, Boston, MA |

| | | |
|-----------|--|---|
| 1981-1989 | <i>Introduction to Clinical Medicine</i> Preceptor for Gynecology exam and Lecturer 5-10 medical students | Harvard Medical School, Boston, MA <i>6-8 hours per year precepting</i> <i>1-2 hours per year lecturing</i> |
| 1982 | <i>Annual Update in Reproductive Endocrinology and Infertility</i> Course Developer, Co-Director and Lecturer | Beth Israel Hospital and Harvard Medical School, Boston, MA |
| 1983 | <i>Clinical Management of the Infertile Couple</i> Course Developer and Co-Director, Postgraduate Course | Harvard Medical School, Boston, MA |
| 1984 | <i>Infertility Update: Endocrinology, In Vitro Fertilization and Microsurgery</i> Course Developer, Co-Director and Lecturer Postgraduate Course | Harvard Medical School, Boston, MA |
| 1986 | <i>Infertility Update: Endocrinology, In Vitro Fertilization and Microsurgery</i> Course Developer, Co-Director and Lecturer Postgraduate Course | Harvard Medical School, Boston, MA |
| 1986 | <i>Infertility Update: Endocrinology, In Vitro Fertilization and Microsurgery</i> Course Developer, Director and Lecturer Postgraduate Course | Harvard Medical School, Boston, MA |
| 1986-1989 | <i>Advances in Gynecology</i> Guest Faculty | Harvard Medical School |
| 1988 | <i>Infertility Update: Endocrinology, In Vitro Fertilization and Microsurgery</i> Course Director Postgraduate Course | Harvard Medical School, Boston, MA |
| 1990 | <i>Infertility in the 1990's Technological Advances and Their Psychosocial Impact</i> Course Developer, Co-Director and Lecturer Postgraduate Course, | Harvard Medical School, Boston, MA |
| 1990-1992 | <i>Reproductive Endocrine and Infertility Conferences</i> Coordinator and Lecturer 20-30 medical students per lecture | University of Massachusetts Medical School, Worcester, MA <i>2-3 hours per month</i> |
| 1990-2017 | <i>Menopause Symptoms and Treatment</i> Invited Speaker | University of Massachusetts Medical School, Worcester, MA |
| 1994 | <i>Reproductive Endocrinology, Infertility and Reproductive Genetics</i> Curriculum for Genetic Counselors | Brandeis University, Waltham, MA |

Formal Teaching of Residents, Clinical Fellows and Research Fellows (post-docs)

| | | |
|--------------|---|--|
| 1980-1989 | Resident Conferences in Reproductive Endocrinology Coordinator and Lecturer | Beth Israel Hospital, Boston, MA |
| 1981-1989 | Interviewer of Resident Applicants 10-20 applicants per year | Beth Israel Hospital, Boston, MA <i>10-20 hours per year</i> |
| 1990-1999 | Reproductive Endocrinology and Infertility Preceptor, Lecturer and Advisor One international fellow per year | Faulkner Hospital, Boston, MA |
| 1990-1992 | Gynecology Resident Rotation in Reproductive Endocrinology and Infertility Preceptor One resident per month | University of Massachusetts Medical School, Worcester, MA <i>5 hours per week</i> |
| 2004-2011 | Gynecology Resident Rotation in Reproductive Endocrinology Preceptor One resident per month and Psychiatry and Endocrinology Fellows | University of Massachusetts Medical School, Worcester, MA <i>4 hours per week</i> |
| 2004-2011 | Complicated Menopause Program | University of Massachusetts Medical School, Worcester, MA |
| 2012-2016 | Gynecology and Women's Health Program Teaching Residents and Medical Students | University of Massachusetts Medical School, Worcester, MA |
| 2017-2019 | Obstetrics and Gynecology Residents | Beth Israel Hospital and Harvard Medical |
| 2018-present | Reproductive Endocrinology Fellows Board Review in Menopause | Beth Israel Hospital and Harvard Medical |
| 2022- | Harvard Medical Student OBGYN Lectures on Menopause | Beth Israel Hospital and Harvard Medical |

Clinical Supervisory and Training Responsibilities

| | | |
|-----------|--|--|
| 1979-1989 | Instructor and Attending Surgeon, Resident Clinical Training 12 residents | Beth Israel Hospital, Boston, MA <i>4-5 hours per week</i> |
| 1985-1989 | Reproductive Endocrinology and Infertility Fellowship Training Program 3 fellows per year | Beth Israel Hospital, Boston, MA <i>10 hours per week</i> |
| 2004-2016 | Medical Student and Resident Training | University of Massachusetts Medical School, Worcester, MA <i>4 hours per month</i> |

Laboratory and Other Research Supervisory and Training Responsibilities

| | | |
|-----------|--|--|
| 1980-1989 | Gynecologic Endocrinology Laboratory Developer and Conference Leader | Beth Israel Hospital, Boston, MA Once per week |
| 1989-1998 | Gynecologic Endocrinology Laboratory | Faulkner Centre for Reproductive Medicine, Conference leader once per week |

Formally Supervised Trainees

| | |
|-----------|--|
| 1985-1989 | Advisor, one resident house staff per year Beth Israel Hospital, Boston, MA |
|-----------|--|

2017-2018 Clinical training residents Beth Israel Hospital
 2017- Board Preparation REI Fellows Beth Israel Hospital, Boston, MA

Formal Teaching of Peers (e.g., CME and other continuing education courses)

| | | |
|-----------|--|--|
| 1979-1989 | Staff Conferences in Reproductive Endocrinology Lecturer | Beth Israel Hospital, Boston, MA <i>4-6 lectures per year</i> |
| 1981-1989 | Staff Conferences in Reproductive Endocrinology Organizer | Beth Israel Hospital, Boston, MA <i>4-6 lectures per year</i> |
| 1988 | Beth Israel Ethics Advisory Group Discussion Leader | Beth Israel Hospital, Boston, MA |
| 1988-1989 | Laser Certification Proctor | Beth Israel Hospital, Boston, MA |
| 1990-1999 | Weekly Staff Conferences in Reproductive Endocrinology Organizer, Lecturer and Conference Leader | Faulkner Hospital, Boston, MA <i>Weekly</i> |
| 1990-1999 | Ethics Advisory Board in Reproductive Medicine Organizer and Conference Leader | Faulkner Hospital, Boston, MA <i>Quarterly</i> |

Local Invited Presentations

| | |
|------|---|
| 1991 | <i>Advanced Gonadotropin Therapy</i> Course Developer, Co-Sponsor and Lecturer, Serono Symposium, Boston, MA |
| 2011 | Grand Rounds Department of Obstetrics and Gynecology, University of Massachusetts Medical School, Worcester, MA |
| 2012 | Grand Rounds Veteran’s Administration, West Roxbury, MA |
| 2012 | Grand Rounds Department of Obstetrics and Gynecology, Tufts School of Medicine, Boston, MA |
| 2013 | Grand Rounds Dept. of Endocrinology, University of Massachusetts Medical School, Worcester, MA |
| 2018 | Grand Rounds, BIDMC Dept. Obstetrics and Gynecology, Boston, MA |

Report of Regional, National and International Invited Teaching and Presentations

Invited Presentations and Courses

Regional

2010 *Lunch NYC* on NYC Media, host and multiple appearances

National

1995 *Gamete Donation*, Postgraduate Course
Course Developer, Director and Lecturer, Annual Meeting of the American Fertility Society

1997 *Assisted Reproduction*, Postgraduate Course
Moderator and Lecturer, Annual Meeting of the Society for Reproductive Medicine

1997-2016 Numerous presentations nationally and internationally including invitations to US DHHS (2008) and CDC (2009)

- 2010 Grand Rounds
Department of Obstetrics and Gynecology, University of California San Francisco, CA
- 2011 *Special Functional Fitness with Suzanne Andrews*,
Host, PBS, Aired March 2011
- 2012 Grand Rounds
Department of Obstetrics and Gynecology, Stanford University School of Medicine,
Stanford, CA
- 2012 Grand Rounds Department of Ob Gyn, University of California San Francisco
- 2015 Moderator: The Future of Reproductive Genetics Diagnostics, Cambridge Innovation
Institute, Boston, MA
- 2016 Grand Rounds
Emory University School of Medicine, Atlanta, GA
- 2016 *The Estrogen Window: Timing Hormone Therapy*
ACOG Meeting, Miami, FL, September 23, 2016
- 2017 *The Role of Estrogen for BRCA Preivors*
Keynote Address, Joining FORCES Conference, Orlando, FL, October 8, 2016
- 2017 *Menopause without Hormone Therapy*
Keynote Address, Joining FORCES Conference, Orlando, FL, October 9, 2016
- 2016-17 Selected by Jewish Book Council for national book tour on *The Estrogen Window*. Rodale
Press. 15 invited lectures in Atlanta, Washington DC, Ft. Lauderdale, Orlando, Miami, San
Diego, Detroit, Worcester, MA, Bridgeport, CT and Providence, RI
- 2017 *The Estrogen Window and How it Can Be Extended*, Invited Guest Lecturer, Menopause
and Sexuality, Miami, Fl October 6, 2017
- 2017 *Dyspareunia: Innovations in Therapy and Patient Management*
Invited Speaker, Women's Health Annual Initiative, Dearborn, Michigan, June 23, 2017
- 2017 *Postmenopausal Dyspareunia: Innovations in Therapy and Patient Management*
Invited Speaker, Women's Health Annual Initiative, New Orleans, LA November 3, 2017
- 2017 *Hypoactive Sexual Desire Disorder: Assessment, Diagnosis and Treatment*
Invited Speaker, Women's Health Annual Initiative, New Orleans, LA November 3, 2017
- 2017 Keynote Speaker – Facing Our Risk of Cancer Empowered Annual International Meeting,
Estrogen Therapy in Women With BRCA, Orlando, FL June 9, 2017
- 2017 Breakout Session Speaker – Facing Our Risk of Cancer Empowered Annual International
Meeting, *Alternatives to Estrogen for Women With Breast Cancer*, Orlando, FL June 10
- 2018 Grand Rounds, Beth Israel Deaconess Medical Center, Harvard Medical School
Department OB/Gyn, *Is Estrogen Good or Bad for You*, March 7, 2018
- 2018 Grand Rounds, Cornell Weil Medical School, New York, Dept. Ob/Gyn, *Maintaining
Hormone Balance With or Without Estrogen*, March 20, 2018
- 2018 Grand Rounds – Baylor College of Medicine, Houston, Texas. *Is Estrogen Good For You
or Bad For You?* October 24, 2018

- 2018 Massachusetts Conference for Women, Boston, MA. Menopause in The Workplace. December 5, 2018
- 2019 Keynote Speaker – Continuing Education for HealthCare Professionals. Is Estrogen Good or Bad for You? Boston, MA, March 8, 2019
- 2022 Speaker – 13th Annual Miami Symposium of Obstetrics, Gynecology & Human Sexuality The Impact of Menopause on Women, Businesses and The Bottom Line, October 22, 2022
- 2023 Speaker – American Association of Osteopathic Obstetricians and Gynecologists. Menopause and Mental Health. Atlanta, Georgia, October. September 30, 2023
- 2023 Speaker – American Association of Osteopathic Internists, Tampa, Florida. Menopause and Mental Health. Tampa, Florida, September 30, 2023.
- 2023 Speaker – 14th Annual Miami Symposium of Obstetrics, Gynecology & Human Sexuality The Impact of Menopause on Women, Businesses and The Bottom Line, October 21, 2023

International

- 2004 *Alternative Healing for Menopause*
Speaker at 9th McGill International Symposium on Reproductive Endocrinology & Infertility Montreal, Canada
- 2010 *Living Life to the Fullest in Menopause*
Course Developer, The Borequen Resort, Costa Rica
- 2018 Keynote Speaker – International Conference on Medicine and Pharmacology, Is Estrogen Good or Bad For You? Barcelona, Spain, July 19th-20th 2018
- 2018 Keynote Speaker – 24th International Conference of Functional Foods, Nutrition and Chronic Diseases, Food and Nutrition to Help Manage Menopause, Boston, MA, September 20-21, 2018
- 2022 Panelist, Disability Matters North American Conference & Awards Gala Speaking on Menopause: In the Heat of The Matter

Report of Clinical Activities and Innovations

Current Licensure and Certification

- 1975 - 1991 Texas Medical License Registration, No. E4670
- 1976 Diplomate of the National Board of Medical Examiners
- 1979 Massachusetts Medical License Registration, No. 44295
- 1982 Diplomate of the American Board of Obstetrics and Gynecology
- 1983 Diplomate of the American Board of Obstetrics and Gynecology, Division of Reproductive Endocrinology and Infertility
- 2017- NAMS Certified Menopause Practitioner

Report of Education of Patients and Service to the Community

Activities

- 1979-Present Conducted hundreds of interviews for local, regional and national print, radio and

broadcast media as medical expert.

2000-2001 Weekly co-host, *Health and Fitness*, WMEX, 1060 AM, a 50,000 watt superstation

2001 Weekly host, *Health Talk*, North American Radio Broadcasting Company, KFNX 1100 AM Phoenix, WALE 990 AM Providence – Pilot program

2007 Advisory Board, HealthCorps, founded by Dr. Mehmet Oz to address childhood obesity, health and wellness

2007-2009 Advisory Board, Road of Life, founded to educate kids in making good choices to avoid cancer

2009 Host, *Your Health Rocks* Radio Show on WebTalkRadio.net

2010 Writer/Performer, H1N1 Music Video for national CIGNA campaign

2011 Host/Performer, LUNCH-NYC segment, performed songs for eight segments. Series nominated for three NY EMMY Awards

2011 Host PBS Fundraiser Show Functional Fitness Starring Suzanne Andrews. Also wrote and performed PBS's first fund raising song for the show.

2011 Created 200+ educational videos for www.YouTube.com/DoctorSeibel, www.DrMache.com, www.HealthRock.com, and other sites.

2013 - 2015 Founder and Host, [My Menopause Radio](http://MyMenopauseRadio.com) – weekly interview format

2013 - Present Founded [My Menopause Magazine](http://MyMenopauseMagazine.com) in Apple Newsstand – first digital magazine dedicated to menopause; now called [The Hot Years](http://TheHotYears.com)TM: My Menopause Magazine

2015-2020 Dr. Seibel Academy. Course #1 Menopause Breakthrough. A 6 weeks educational online course for women as they navigate perimenopause, menopause and beyond.

2015-2018 Founded AskDrMache.com, a free monthly Q & A on menopause information that attracts women from around the world

2022 Second Bloom Health, an online educational program for women in perimenopause and menopause

Report of Scholarship

Publications

Peer reviewed publications in print or other media

Seibel MM. Uterine rupture following use of E₂ vaginal suppositories. Bull Dept Gynecol Obstet Emory University School of Med. 1979; 1:20-2.

Seibel MM. Management of acute pelvic abscess. Bull Dept Gynecol Obstet Emory Univ School of Med. 1979; 1:49-50.

Seibel MM, Freeman MG, Graves WL. Carcinoma of the cervix and sexual function. Obstet Gynecol. 1980; 55:484-487.

Seibel MM, Graves WL. The psychological implication of spontaneous abortion. J Reprod Med. 1980; 25:161-166.

Seibel MM, Freeman MG, Graves WL. Hysterectomy for carcinoma in situ and sexual function. Gynecol Oncol. 1981; 11:195-199.

Seibel MM, Levesque L, Taymor ML. A rapid radioimmunoassay method for serum luteinizing hormone utilizing polyethylene glycol and a double antibody method of separation. *Fertil Steril.* 1981; 35:36-39.

Seibel MM, McArdle C, Thompson ED, Berger MJ, Taymor ML. The role of ultrasound in ovulation induction: a critical appraisal. *Fertil Steril.* 1981; 36:573-577.

Seibel MM, Levesque LA, Seidenberg EJ, Ransil BJ. serial first morning estriol determinations in evaluating the high-risk obstetric patient. *Obstet Gynecol.* 1982; 59:27-32.

Ransil BJ, Seibel MM, Taymor ML. Estimating the onset of the LH surge by cumulative summation (cusum). *Infertility.* 1982; 4:295-301.

Seibel MM, Freeman MG, Graves WL. Sexual function after surgical radiation therapy for cervical carcinoma. *S Med J.* 1982; 75:1195-1197.

Seibel MM, Taymor ML. Emotional Aspects of Infertility. *Fertil Steril* 1982; 37:137-145.

Seibel MM, Smith DM, Borten M, Levesque LA, Taymor ML. The temporal relationship between the luteinizing hormone surge and human oocyte maturation. *Am J Obstet Gynecol.* 1982; 142:568-572.

Kamrava M, Seibel MM, Thompson IE, Berger MJ, McArdle CR. Intrauterine pregnancy following transperitoneal migration of the ovum. *Obstet Gynecol.* 1982; 60:391-393.

Seibel MM, Shine W, Smith DM, Taymor ML. Biological rhythm of the luteinizing hormone surge. *Fertil Steril.* 1982; 37:709-711.

Kamrava M, Seibel MM, Berger MJ, Thompson IE, Taymor ML. Reversal of persistent anovulation in polycystic ovarian disease by administration of chronic low-dose follicle stimulating hormone. *Fertil Steril.* 1982; 520-523.

Seibel MM, Hann L. Pregnancy and an IUD in separate horns of a bicornate uterus. *JAMA.* 1982; 247:6.

Seibel MM, Berger MJ, Weinstein F, Taymor ML. The effectiveness of danazol on subsequent fertility in minimal endometriosis. *Fertil Steril.* 1982; 38:534-537.

Seibel MM, Kamrava M, McArdle C, Taymor ML. Ovulation induction and conception using subcutaneous pulsatile luteinizing hormone-releasing hormone. *Obstet Gynecol.* 1983; 61:292-298.

Seibel MM, Freeman MG, Graves WL. Effect de la radiotherapie appliquee aux carcinomes du col de l'uterus sur la fonction sexuelle. *Contraception-Fertilite-Sexualite.* 1983; p647-650.

Taymor ML, Seibel MM, Smith DM, Levesque LA. Ovulation timing by luteinizing hormone assay and follicle puncture. *Obstet Gynecol.* 1983; 62:191-195.

McArdle C, Seibel MM, Hann LE, Weinstein F, Taymor ML. The diagnosis of ovarian hyperstimulation (OHS): the impact of ultrasound. *Fertil Steril.* 1983; 39:464-467.

- Kamrava MM, Taymor ML, Berger MJ, Thompson IE, Seibel MM. Disappearance of human chorionic gonadotropin following removal of ectopic pregnancy. *Obstet Gynecol.* 1983; 62:486-489.
- McArdle CR, Seibel MM, Weinstein FG, Hann L, Nickerson C, Taymor ML. Induction of ovulation monitored by ultrasound. *Radiology.* 1983; 148:809-812.
- Seibel MM, Taymor ML. Toward understanding the pathophysiology and treatment of polycystic ovary disease. *Sem Reprod Endo.* August 1984; 2:3:297-304.
- Seibel MM, Kamrava MM, McArdle C, Taymor ML. Treatment of polycystic ovary disease with chronic low-dose follicle stimulating hormone: biochemical changes and ultrasound correlation. *Int J Fertil.* 1984; 29:39-43.
- Seibel MM, Swartz SL, Smith D, Levesque L, Taymor ML. In-vivo prostaglandin concentrations in human preovulatory follicles. *Fertil Steril* 1984; 42:482-485.
- Herzog AG, Seibel MM, Schomer D, Vaitukaitis JL, Geschwind N. Temporal lobe epilepsy: and extrahypothalamic pathogenesis for polycystic ovary syndrome? *Neurology.* 1984; 34:1389-1393.
- Hann L, Hall D, McArdle C, Seibel MM. Polycystic ovary disease, sonographic spectrum. *Radiology* 1984; 150:531-534.
- Weinstein FG, Seibel MM, Taymor ML. Ovulation induction with subcutaneous pulsatile gonadotropin-releasing hormone: the role of supplemental human chorionic gonadotropin in the luteal phase. *Fertil Steril.* 1984; 41:546-550.
- Seibel MM, Oskowitz S, Kamrava M, Berger MJ, Thompson IE, Taymor ML. Bromocriptine response in normoprolactinemic patients with polycystic ovary disease: A preliminary report. *Obstet Gynecol.* 1984; 64:213-219.
- Poretsky L, Smith DM, Seibel MM, Moses AC, Flier JS. Specific insulin binding sites in human ovary. *J Clin Endocrinol Metab.* 1984; 59:809-811.
- Seibel MM. Minimal pelvic endometriosis and infertility. *Sem Reprod Endo.* 1985; 307-311.
- Seibel MM, McArdle C, Smith D, Taymor ML. Ovulation induction in polycystic ovary syndrome with urinary follicle stimulating hormone or human menopausal gonadotropin. *Fertil Steril.* 1985; 43:703-708.
- Carlson JM, Seibel MM, McArdle C, Thompson IE, Berger MJ, Taymor ML. Urinary follicle stimulating hormone safely corrects anovulation in polycystic ovary disease - A preliminary report. *Infertility.* 1985; 8:127-38.
- Seibel MM, Claman P, Oskowitz SP, McArdle C, Weinstein FG. Events surrounding the initiation of puberty with long term subcutaneous pulsatile gonadotropin-releasing hormone in a female patient with Kallman's syndrome. *J Clin Endocrinol Metab.* 1985; 61:575-579.
- Alper M, Lee G, Seibel MM, Oskowitz S, Smith D, Taymor ML. The relationship of semen parameters

to fertilization in patients participating in a program of in vitro fertilization. *J In Vitro Fert.* 1985; 2:217-223.

Poretsky L, Grigorescu F, Seibel MM, Moses AC, Flier JS. Distribution and characterization of insulin and insulin-like growth factor receptors in normal human ovary. *J Clin Endocrinol Metab.* 1985; 61:728-734.

Taymor ML, Seibel MM, Oskowitz S, Smith D, Lee G. In vitro fertilization and embryo transfer: an individualized approach to ovulation induction. *J In Vitro Fert.* 1985; 2:162-165.

Alper MM, Seibel MM, Oskowitz SP, Smith BD, Ransil BJ, Taymor ML. Comparison of follicular response in patients with one or two ovaries in a program of in vitro fertilization. *Fertil Steril.* 1985; 44:652-655.

Cramer DW, Schiff I, Schoenbaum SC, Gibson M, Belisle S, Albrecht B, Stillman RJ, Berger MJ, Wilson E, Stadel BV, Seibel MM. Tubal infertility and the intrauterine device. *N Engl J Med.* 1985; 312:941-947.

Alper MM, Garner PR, Seibel MM. Premature ovarian failures: Current concepts. *J Reprod Med.* 1986; 31:699-708.

Herzog AG, Seibel MM, Schomer D, Vaitukaitis JL, Geschwind N. Reproductive endocrine disorders in women with partial seizures of temporal lob origin. *Archives of Neurology.* 1986; 43:341-346.

Herzog AG, Seibel MM, Schomer D, Vaitukaitis JL, Geschwind N. Reproductive endocrine disorders in men with partial seizures of temporal lobe origin. *Archives of Neurology.* 1986; 43:347-350.

Seibel MM. Luteinizing hormone and ovulation timing. *J Reprod Med.* 1986; 754-759.

Oskowitz S, Seibel MM, Smith D, Taymor ML. Luteal phase serum progesterone levels after follicle aspiration with and without clomiphene treatment. *Fertil Steril* 1986; 461-465.

Safan D, Seibel MM. Ovulation induction with subcutaneous pulsatile gonadotropin releasing hormone in various ovulatory disorders. *Fertil Steril.* 1986; 45:475-482.

Claman P, Taymor ML, Berger MJ, Seibel MM. Danazol therapy for proximal obstruction of the oviduct. *J Reprod Med.* 1986; 31:687-689.

Levesque L, Herzog A, Seibel MM. The effect of phenytoin and carbamazepine on serum dehydroepiandrosterone sulfate in men and women who have partial seizures with temporal lobe involvement. *J Clin Endocrinol Metab.* 1986; 63:243-245.

Claman P, Seibel MM, McArdle C, Berger MJ, Taymor ML. Comparison of intermediate dose purified urinary follicle stimulating hormone with and without human chorionic gonadotropin for ovulation induction in polycystic ovary disease. *Fertil Steril.* 1986; 46:518-521.

Claman P, Seibel MM. Purified human follicle stimulating hormone for ovulation induction: a critical review. *Sem Reprod Endo.* 1986; 277-283.

- Claman P, Armant DR, Seibel MM, Wang TA, Oskowitz SP, Taymor ML. The impact of embryo quality and quantity on implantation and the establishment of viable pregnancies. *J In Vitro Fert.* 1987; 4:218-222.
- Tanphaichitr N, Randall M, Fitzgerald L, Lee G, Seibel MM, Taymor ML. An increase in in vitro fertilization ability of low-density human sperm capacitated by multiple-tube swim-up. *Fertil Steril* 1987; 48:821-827.
- Brzezinski A, Lynch HJ, Wurtman RJ, Seibel MM. Possible contribution of melatonin to the timing of the luteinizing hormone surge. *N Eng J Med.* 1987; 316:1550-1551.
- Hann LE, Crivello M, McArdle C, Seibel MM, Fein V, Taymor ML. In vitro fertilization: sonographic perspective. *Radiology* 1987; 163:665-668.
- Brzezinski A, Seibel MM, Lynch HJ, Deng M-H, Wurtman RJ. Melatonin in human preovulatory follicular fluid. *J Clin Endocrinol Metab.* 1987; 64:865-867.
- Gates GS, Bayer SR, Seibel MM, Poretsky L, Flier JS, Moses AC. Characterization of insulin-like growth factor binding to human granulosa cells obtained during in vitro fertilization. *J Receptor Research.* 1987; 7:885-902.
- Wang TA, Armant DR, Taymor ML, Seibel MM. the influence of exogenous human chorionic gonadotropin cycles with spontaneous luteinizing hormone surges on the outcome of in vitro fertilization. *Fertil Steril.* 1987; 48:613-616.
- Yeh J, Seibel MM. Artificial insemination with donor sperm: a review of 108 patients. *Obstet Gynecol.* 1987; 70:313-316.
- Seibel MM, Levin S. A new era in reproductive technology: the emotional stages of in vitro fertilization. *J In Vitro Fert.* 1987; 4:135-140.
- Blackwell RE, Carr BR, Chang RJ, DeCherney AH, Haney AF, Keye WR, Rebar RW, Rock JA, Rosenwaks Z, Seibel MM, Soules MR. Are we exploiting the infertile couple? *Fertil Steril.* 1987; 48:735-739.
- Alper MM, Seibel MM, Oskowitz SP, Taymor ML. Comparison of follicular fluid hormones in patients with one or two ovaries participating in a program of in vitro fertilization. *Fertil Steril.* 1987; 48:94-97.
- Claman P, Elkind-Hirsch K, Oskowitz SP, Seibel MM. Urticaria associated with anti-gonadotropin releasing hormone antibody in a female Kallman's syndrome patient being treated with long term pulsatile gonadotropin releasing hormone. *Obstet Gynecol.* 1987; 69:503-505.
- Tanphaichitr N, Agulnick A, Seibel MM, Taymor ML. Comparison of the in vitro fertilization rate by human sperm capacitated by multiple-tube swim-up and percoll gradient centrifugation. *J In Vitro Fert.* 1988; 5:119.
- Bayer SR, Seibel MM, Saffan DS, Berger MJ, Taymor ML. Efficacy of danazol treatment for minimal

endometriosis in infertile women. *J Reprod Med.* 1988; 33:179.

Dlugi AM, Rufo S, D'Amico JF, Seibel MM. A comparison of the effect of buserelin versus danazol on plasma lipoproteins during treatment of pelvic endometriosis. *Fertil Steril.* 1988; 49:913-916.

Seibel MM. A new era in reproductive technology: In vitro fertilization, gamete intrafallopian transfer, and donated gametes and embryos. *N Engl J Med.* 1988; 318:828-834.

Bayer SR, Armant R, Dlugi AM, Seibel MM. Spectrophotometric absorbance of follicular fluid: A predictor of oocyte fertilizing capability. *Fertil Steril.* 1988; 49:442.

Seibel MM. In vitro fertilization success rates: A fraction of the truth. *Obstet Gynecol.* 1988; 72:265-266.

Poretsky L, Levesque LA, Seibel MM, Smith BD, Pazianos AG, Hurd JK, Aretz HT, Flier JS. Characteristics of in-vitro steroidogenesis in a woman with hyperandrogenism, a granulosa cell tumor and polycystic ovary disease. *J Reprod Med.* 1988; 33:377-381.

Seibel MM, Claman P. Use of gonadotropin releasing hormone for ovulation induction. *Obstet Gynecol Report.* 1988; 1:45-55.

Brzezinski A, Lynch HJ, Seibel MM, Deng MH, Nader TM, Wurtman RJ. The circadian rhythm of plasma melatonin during the normal menstrual cycle and in amenorrhic women. *J Clin Endocrinol Metab.* 1988; 66:891-895.

Loy RA, Weinstein FG, Seibel MM. Hysterosalpingography in perspective: The predictive value of oil-soluble versus water-soluble contrast media. *Fertil Steril.* 1989; 51:170-172.

Seibel MM, Smith DM. The effect of clomiphene citrate on human preovulatory oocyte maturation in vivo. *J In Vitro Fert.* 1989; 6:3-6.

Seibel MM, Smith DM, Dlugi AM, Levesque L. Perioovulatory follicular fluid hormone levels in spontaneous human cycles. *J Clin Endocrinol Metab.* 1989; 68:1073-1077.

Seibel MM. Does minimal endometriosis always require treatment? *Contemp OB GYN.* 1989; 34:27-39.

Ranoux C, Seibel MM. Taking in vitro out of fertilization through intravaginal culture. *The Hastings Center Report.* 1989; 19:4.

Zacur HA, Seibel MM: The diagnosis of prolactin related disorders. *Contemp OB GYN.* 1989; 34:84-86.

Seibel MM, Ranoux C, Kearnan M. How much is enough? Knowing when to stop in vitro fertilization. *N Engl J Med.* 1989; 321:1052-1053.

AD, Seibel MM, Benson H. The mind/body program for infertility: A new behavioral treatment approach for women with infertility. *Fertil Steril.* 1990; 53:246-249.

Seibel MM, Richards C. Hysterectomy in benign conditions: a procedure of the past? *Lancet*. 1990; 335:600-601.

Dlugi AM, Dieterle S, Loy R, Bayer SR, Seibel MM. The effect of endometriomas on in vitro fertilization. *J In Vitro Fert*. 1990; 6:338-341.

Ranoux C, Seibel MM. New techniques in fertilization: intravaginal culture and microvolume straw. *J In Vitro Fert*. 1990; 7:76-78.

Yeh J, Leipzig S, Friedman EA, Seibel MM. Outcome of pregnancies conceived by in vitro fertilization. *Int J Fert*. 1990; 35:116-119.

Philosophe R, Seibel MM. Novel approaches to the management of hyperprolactinemia. *Current Opinion in Obstet Gynecol*. 1991; 3:336-342.

Seibel MM. To everything there is a season. *Contemp OB GYN*. 1992; 37:153.

Domar AD, Zuttermeister P, Seibel MM, Benson H: Psychological improvement in infertile women after behavioral treatment: a replication. *Fertil Steril*. 1992; 58:144-147.

Kim JH, Seibel MM, MacLaughlin DT, Donahoe PK, Ransil BJ, Hametz PA, Richards CJ. The effects of mullerian inhibiting substance on epidermal growth factor induced proliferation and progesterone production of human granulosa-luteal cells. *J Clin Endocrinol Metab*. 1992; 75:911-917.

Serta RT, Rufo S, Seibel MM. Minimal endometriosis and intrauterine insemination: does controlled ovarian hyperstimulation improve pregnancy rates? *Obstet Gynecol*. 1992; 80:37-40.

Sullivan B, Kenney P, Seibel MM. Hysteroscopic resection of fibroid with thermal injury to sigmoid closed by primary repair. *Obstet Gynecol*. 1992; 80:546-547.

Domar AD, Broome A, Zuttermeister PC, Seibel MM, Friedman R. The prevalence and predictability of depression in infertile women. *Fertil Steril*. 1992; 56:1158-1163.

Seibel MM, Kiessling A. Compensating egg donors: equal pay for equal time? *N Engl J Med*. 1993; 328:737.

Seibel MM, Kiessling A. More on compensating egg donors. *N Engl J Med*. 1993; 329:278-279.

Serta RT, Seibel MM. The influence of epidermal growth factor on progesterone production by human granulosa-luteal cells in culture. *Hum Reprod*. 1993; 8:1005.

Drislane FW, Coleman AE, Schomer JI, Levesque LA, Seibel MM, Herzog AG. Altered pulsatile secretion of luteinizing hormone in women with epilepsy. *Neurol*. 1994; 44:306-310.

Pal SK, Torry D, Serta R, Crowell R, Seibel MM, Cooper GM, Kiessling AA. Expression and potential function of the c-mos proto-oncogene in human eggs. *Fertil Steril*. 1994; 61:496-503.

Seibel MM, Zilberstein M, Seibel SG. Becoming parents after 100? *Lancet*. 1994; Vol (3) 43:603.

Seibel MM. Cadaveric ovary donation. *N Eng J Med*. 1994; 330:796.

Bernstein J, Lewis J, Seibel MM. Effect of previous infertility on maternal-fetal attachment, coping styles and self-concept during pregnancy. *J Women's Health*. 1994; 3:125-133.

Seibel MM, Seibel SG, Zilberstein M. Gender distribution - not sex selection. *Hum Reprod*. 1994; 9 (4) 569-570.

Kim JH, Richards CJ, Rufo SM, Levesque L, Seibel MM. Proper selection of patients for intermediate dose pure FSH. *J Reprod Med*. 1994; 39:1-5.

Seibel MM. The cost of IVF revisited. *N Eng J Med*. 1994; 331:1588-1589.

Seibel MM, Bernstein J. Cost-effective trial balloons and the potential for bias: the case against in vitro fertilization. *J Wom Health*. 1994; 3:411.

Zilberstein M, Seibel MM. Fertilization and implantation. *Current Opinion in Obstet Gynecol*. 1994; 6:184-189.

Seibel MM, Zilberstein M, Kearnan M. In vitro fertilization and health care coverage. *Lancet*. 1995; 345:66.

Seibel MM, Zilberstein M. The shape of semen morphology. *Hum Reprod*. 1995; 10:247-248.

Kiessling, AA., Lamparell, N., Yin, H-Z., Seibel, MM, Eyre, RC. Semen leukocytes: friends or foes. *Fertil Steril*. 1995; 64:196-98.

Seibel MM, Kearnan M, Kiessling A. Parameters that predict success for natural cycle in vitro fertilization. *Fertil Steril*. 1995; 63(6):1251.

Seibel MM. Toward reducing risks and costs of egg donation: A preliminary report. *Fertil Steril*. 1995; 64(1):199-201.

Seibel MM. The role of an ethics advisory board in self-regulation. *Human Reprod*. 1996; 11(8):1595-1596.

Seibel MM, Zilberstein M, Seibel SG. Gamete donation mirrors society. *Human Reprod*. 1996; 11(5):941.

Zilberstein M, Feingold M, Seibel MM. Human umbilical cord blood banking: lessons learned from gamete donation. *Lancet* 1997; 349: 642-643.

Pierce K, Michalopoulos J, Kiessling AA, Seibel MM, Zilberstein M. Preimplantation development of mouse and human embryos biopsied at cleavage stages using a modified displacement technique. *Hum Reprod*. 1997; 12(2): 351-356.

- Seibel MM. Infertility: The impact of stress, the benefit of counseling. *J Assist Reprod Genet.* 1997 14(4): 181-183.
- Zilberstein M. and Seibel MM.: Transvaginal Amniotic Puncture (TAP) for Cytogenetic Evaluation of Missed Abortion. *Gyn Ob Invest.* 1997; 44: 217-220
- Feingold, M; Zilberstein, M; Srivastava, RK; Seibel, MM; Bar-Ami, S Hambartsoumian, E. Wilms' Tumor Gene (WT1) expression is regulated in trophoblast cells in vitro. *J Clin Endocrinol Metab.* 1998; 83 (7): 2503-2508.
- Pierce, KE, Seibel, MM, Zilberstein M. Preimplantation genetic diagnosis of chromosome balance in embryos from a patient with balanced reciprocal translocation. *Molecular Human Reproduction* 1998; 4(2): 167-172.
- Yin HZ, Seibel, MM. Human Sperm Cryobanking: Use of Modified Liquid Nitrogen Vapor. *J Reprod Med* 1999; 44: 87-90.
- Seibel MM. Nutrition and nutritional supplements in women's health. *Fertil Steril* 1999; 72:579-591.
- Hambartsoumian E, Srivastava R, Seibel M. Differential expression and regulation of inducible nitric oxide synthase (iNOS) mRNA in human trophoblast in vitro. *Am J Reprod Immunol* 2001;45:80-85.
- Bar-Ami S, Seibel MM, Cohn G, Zilberstein M: Management of recurrent triploidy by intracytoplasmic sperm injection (ICSI) and fluorescence in situ hybridization (FISH) analysis of biopsied cleavage stage blastomeres. *Hum Reprod*, In press.
- Seibel MM. Treating hot flushes without hormone replacement therapy. *OBG Management.* 2002;14:33-37.
- Seibel MM. Complementary and Alternative Medicine in Women's Health-Time to Catch Up! *Ob-Gyn Survey.* 2003;58:149-151.
- Seibel MM. Treating hot flashes without hormone replacement therapy. *J Fam Practice.* 2003
- Seibel MM. The New Sex in the City. *Sexuality, Reproduction & Menopause.* 2004;1:
- Seibel MM. Domestic Violence – 9/11 and 911. *Sexuality, Reprod & Menopause.* 2004;1:134-35.
- Seibel MM. In vitro fertilization and stem cells: same song, second verse. *Sexuality, Reprod & Menopause.* 2004;2:62-64.
- Seibel MM. On ounce of prevention is worth a pound of cure. *Sexuality, Reproduction & Menopause.* 2004;2:193-194.
- Seibel MM. Sex and menopause: From red hot to red hot mama. *Sexuality, Reprod & Menopause.* 2005; 3:43-44.
- Seibel MM. Men, women and testosterone: Why did the FDA fail Intrinsa? *Sexuality, Reprod &*

Menopause. 2005;3:1-2.

Seibel MM. The Environmental Risks to Conception and Pregnancy. Sexuality, Reproduction & Menopause. 2006;4:1-2.

Seibel MM. Health through music and song. Sexuality, Reprod & Menopause. 2006;4:46-47.

Non-peer reviewed scientific or medical publications/materials in print or other media

Taymor ML, Seibel MM, Smith DM, Levesque LA, Borten M. Radioimmunoassay for LH: The use of a rapid LH assay for oocyte harvest. In: Hafez ESE, Semm K, eds. In-Vitro Fertilization and Embryo Transfer. Lancaster, England: MTP Press, 1982.

Taymor ML, Seibel MM, Smith DM. The temporal relationships between luteinizing hormone secretion and ovulation. In: Motta M, ed. Proceedings from the International Symposium on Pituitary Hormones and Related Peptides. San Marino Serono Symposium 1982.

Seibel MM. Thyroid disease in pregnancy. In: Friedman EA, ed. Obstetrical Decision Making. New Jersey: BC Decker, 1982.

Seibel MM, Taymor ML. Current concepts in polycystic ovarian disease. In: Taymor ML, Nelson JH Jr, eds. Progress in Gynecology VIII. New York: Grune and Stratton, 1983.

Seibel MM. Sexual function in women with pelvic malignancies. In: Taymor ML, Nelson JH Jr, eds. Progress in Gynecology VIII. New York: Grune and Stratton, 1983.

Seibel MM. Workup of the infertile couple. In : Friedman EA, ed. Gynecological Decision Making. New Jersey: BC Decker, 1983.

Seibel MM. Tuboplasty. In: Friedman EA, ed. Gynecological Decision Making. New Jersey: BC Decker, 1983.

Seibel MM. Polycystic Ovary. In : Friedman EA, ed. Gynecological Decision Making. New Jersey: BC Decker, 1983.

Seibel MM. Anovulation. In: Friedman EA, ed. Gynecological Decision Making. New Jersey: BC Decker, 1983.

Seibel MM, Rubin H. Amenorrhea. In: Friedman EA, ed. Gynecologic Decision Making. New Jersey: BC Decker, 1983.

Weinstein F, Seibel MM: Endometriosis. In: Friedman EA, ed. Gynecological Decision Making. New Jersey: BC Decker, 1983.

Seibel MM, Taymor ML. In vitro fertilization. In: Mazor M, Simons HF, eds. Infertility: Medical, Emotional and Social Considerations. New Jersey: Human Sciences Press; pp. 207-216, 1984 .

Taymor ML, Seibel MM. The Infertile Couple. In: Nichols DH and Evard JR, eds. Diagnostic and

Ambulatory Gynecology. Philadelphia: JB Lippincott, 1984.

Seibel MM. Coping with pelvic malignancy. *Human Sexuality*. pp 62-72, 1986.

Seibel MM. Timing of ovulation. In: *Progress in Obstetrics & Gynecology*, V 6. London: Churchill Livingstone, 1986.

Seibel MM. Infections and infertility. In: DeCherney A, ed. *Reproductive Failure*. New York: Churchill Livingstone. 1986.

Bayer SR, Seibel MM: Endometriosis: clinical symptoms and infertility. In: Rune Rolland, De R Chada, Wim NP Willemsen eds. *Gonadotropin Down-Regulation in Gynecological Practice*. New York, New York: Alan R. Liss, Inc., pp 103-133, 1986.

Seibel MM. In vitro fertilization. In: Friedman EA, Acker DA, Sachs BP eds. *Obstetrical Decision Making*, 2nd ed. Toronto: BC Decker. 1987.

Seibel MM, Garber JR. Thyroid disorder. In: Friedman EA, Acker DA, Sachs BP eds. *Obstetrical Decision Making*, 2nd ed. Toronto: BC Decker 1987.

Seibel MM. Amenorrhea. In: Friedman EA, Borten M, Chapin DS eds. *Gynecological Decision Making*, 2nd ed. Toronto: BC Decker, 1987.

Seibel MM. Tuboplasty. In: Friedman EA, Borten M, Chapin DS eds. *Gynecological Decision Making*, 2nd ed. Toronto: BC Decker, 1987.

Seibel MM. Tubal reanastomosis. In: Friedman EA, Borten M, Chapin DS eds. *Gynecological Decision Making*, 2nd ed. Toronto: BC Decker, 1987.

Dlugi A, Seibel MM. Artificial insemination. In: Friedman EA, Borten M, Chapin DS eds. *Gynecological Decision Making*, 2nd ed. Toronto: BC Decker 1987.

Bayer SR, Seibel MM. Danazol treatment of Endometriosis. In: Schenken, R. ed. *Endometriosis*. Philadelphia: Lippincott. pp 169-188, 1988.

Loy RA, Seibel MM. Evaluation and treatment of polycystic ovary syndrome. In: Mahajan DD ed. *Endocrinology and Metabolism Clinics of North America*. Philadelphia: W.B. Saunders. 1988.

Bayer SR, Seibel MM. Complex forms of ovulation induction. In: Soules MR ed. *Controversies in Obstetrics and Gynecology*. New York, NY: Elsevier Science Publishing Company, pp 107-134, 1989.

Seibel MM. Amenorrhea. In: Garcia C.R. ed. *Women's Wellness*. Philadelphia: BC Decker, Inc. 1989.

Seibel MM. Reproductive technology: in vitro fertilization and gamete intrafallopian transfer. *Yearbook of Science and Technology*. New York, NY: McGraw-Hill, pp 289-293. 1989.

Seibel MM. Workup of the infertile couple. In: *Infertility: A Comprehensive Text*, Seibel, MM ed.

Norwalk, Connecticut: Appleton & Lange 1990.

Bayer SR, Seibel MM. Endometriosis: Pathophysiology and Treatment. In: Seibel MM ed. Infertility: A Comprehensive Text. Norwalk, Connecticut: Appleton & Lange 1990.

Domar A, Seibel MM. Emotional aspects of infertility. In: Seibel MM, ed. Infertility: A Comprehensive Text. Norwalk, Connecticut: Appleton & Lange 1990.

Seibel MM. Oocyte maturation and follicular development. In: Seibel MM, ed. Infertility: A Comprehensive Text. Norwalk, Connecticut: Appleton & Lange 1990.

Seibel MM. Polycystic Ovary Disease. In: Seibel MM, ed. Infertility: A Comprehensive Text. Norwalk, Connecticut: Appleton & Lange 1990.

Loy R, Seibel MM. Therapeutic insemination. In: Seibel MM, ed. Infertility: A Comprehensive Text. Norwalk, Connecticut: Appleton & Lange 1990.

Seibel MM. Purified human follicle-stimulating hormone for ovulation induction. In: Seibel MM, ed. Infertility: A Comprehensive Text. Norwalk, Connecticut: Appleton & Lange 1990.

Claman P, Seibel MM. Ovulation induction using gonadotropin releasing hormone. In: Seibel MM, ed. Infertility: A Comprehensive Text. Norwalk, Connecticut: Appleton & Lange 1990.

Seibel MM. Polycystic ovary disease. In: Cefalo, Robert C. ed. Clinical Decisions in Obstetrics and Gynecology. Rockville, Maryland: Aspen Publishers, Inc. pp 195-197, 1990.

Ranoux C, Seibel MM, Foulot H, Dubuisson JB, Aubriot FX, Rambaud D. Lessons learned from IVC. In: Ben-Rafael Z ed. In Vitro Fertilization and Alternate Assisted Reproduction. New York: Plenum Publishing, 1990.

Richards C, Seibel MM. Ovulation induction using purified follicle-stimulating hormone. In: Yee, B ed. Infertility and Reproductive Medicine Clinics of North America. Philadelphia, Pennsylvania: W.B. Saunders Company. pp 79-92, 1990.

Bernstein J, Seibel MM. New reproductive technologies and polycystic ovary syndrome. In: Pittaway DE ed. Infertility and Reproductive Medicine Clinics of North America. Philadelphia, Pennsylvania: W.B. Saunders. pp 585-598, 1991.

Seibel MM. Understanding the medical procedures and terminology. In: Wagan Carol ed. Reproductive Technology and Adoption Issues: Creating Families - Avoiding Law Suits in the 90s. Boston, Massachusetts: Massachusetts Continuing Legal Education, Inc. (91-10.11) 1991.

Ranoux C, Seibel MM, Foulot H, Dubuisson JB, Aubriot FX, Rambaud D. Lessons learned from IVC (Intra-Vaginal Culture). World Congress on In Vitro Fertilization and Alternate Assisted Reproduction (6th:1989 Jerusalem). In: Mashiach S, Ben--Rafael Z, Laufer eds. Advances In Assisted Reproductive Technologies. New York: Plenum Press. pp 267-270, 1990.

Richards-Kustin C, Garrisi GJ, Wiczuk H, Grunefeld L, Mandeli J, Seibel MM, Navot D, Laufer N.

Progesterone/estradiol ratios predict outcome in in vitro fertilization. World Congress on In Vitro Fertilization and Alternate Assisted Reproduction (6th:1989 Jerusalem). In: Mashiach S, Ben-Rafael Z, Laufer eds. *Advances In Assisted Reproductive Technologies*. New York: Plenum Press. pp 365-371, 1990.

McCarthy JA, Seibel MM. Physiologic hair growth. In: Change RJ ed. *Clinical Obstetrics and Gynecology*. Philadelphia, Pennsylvania: J.B. Lippincott Co. pp 799-804, 1991.

Philosophe R, Seibel MM. Menopause and cardiovascular disease. In: Garner C ed. *NAACOG's Clinical Issues on Menopause*. Philadelphia, Pennsylvania: J.B. Lippincott Co. 2:4 pp 441-451, 1991.

Bernstein J, Brill M, Levin S, Seibel MM. Coping with infertility: A new nursing perspective. In: McCormick AM ed. *NAACOG 's Perinatal and Women's Health Nursing*. Philadelphia, Pennsylvania: J.B. Lippincott Co. pp 335-342, 1992.

Seibel MM. Abnormalities of the menstrual cycle. Anovulation of feedback disorders. In: Carr B, Blackwell RE eds. *Textbook of Reproductive Medicine*. Norwalk, CT: Appleton & Lange. pp 355-369, 1993.

Seibel MM. Medical evaluation of the infertile couple. In : Seibel MM, Kiessling AA, Bernstein J, Levin S eds. *Technology and Infertility: Clinical, Psychosocial, Legal and Ethical Aspects*. New York, NY: Springer-Verlag. 1993.

Seibel MM. The natural cycle for in vitro fertilization. In: Seibel MM, Kiessling AA, Bernstein J, Levin S eds. *Technology and Infertility: Clinical, Psychosocial, Legal and Ethical Aspects*. New York, NY: Springer-Verlag. 1993.

Richards C, Fallick M, Seibel MM. Gamete Intrafallopian transfer and ultrasound-guided transcervical fallopian tube canalization. In: Seibel MM, Kiessling AA, Bernstein J, Levin S eds. *Technology and Infertility: Clinical, Psychosocial, Legal and Ethical Aspects*. New York, NY: Springer-Verlag. 1993.

Cohen B, Seibel MM. Historical perspectives of obstetrics and gynecology: A backdrop for reproductive technology. In: Seibel MM, Kiessling AA, Bernstein J, Levin S eds. *Technology and Infertility: Clinical, Psychosocial, Legal and Ethical Aspects*. New York, NY: Springer-Verlag. 1993.

Bernstein J, Brill M, Levin S, Seibel M. Implementation of ovum donation technology start-up decisions, challenges and problems. In: Seibel MM, Kiessling AA, Bernstein J, Levin S eds. *Technology and Infertility: Clinical, Psychosocial, Legal and Ethical Aspects*. New York, NY: Springer-Verlag. 1993.

Seibel MM, McCarthy J. The role of stress and psychological factors in fertility and pregnancy. In: Golema D, Gurin J eds. *Mind Body Medicine: How to Use Your Mind For Better Health*. Consumer Reports Books. 1993.

Seibel MM, Kiessling AK. Oocyte maturation. *Assisted Reproduction Reviews*. 3:2-5, 1993.

Zilberstein M, Seibel MM. Fertilization and implantation. In: Tan SL, ed. *Current Opinion In Obstetrics and Gynecology*. pp 184-189, 1994.

Seibel MM. Psychologic Aspects of Ovulatory Dysfunction. In: Seibel MM, Blackwell RE, eds. Ovulation Induction. Raven Press, New York, NY. 1994.

Seibel MM. Informed consent for ovulation induction. In: Seibel MM, Blackwell RE, eds. Ovulation Induction. Raven Press, New York, NY. 1994.

Haas GG Jr., Seibel MM. Human menopausal gonadotropins for ovulation induction, intrauterine insemination and assisted reproduction. In: Seibel MM, Blackwell RE, eds. Ovulation Induction. Raven Press, New York, NY. 1994.

Seibel MM. Follicle-stimulating hormone for polycystic ovary syndrome. In: Seibel MM, Blackwell RE, eds. Ovulation Induction. Raven Press, New York, NY. 1994.

Seibel MM. Medical treatment of the infertile man. In: Seibel MM, Blackwell RE, eds. Ovulation Induction. Raven Press, New York, NY. 1994.

Seibel MM. The role of ultrasound in infertility. In: Seibel MM, Blackwell RE, eds. Ovulation Induction. Raven Press, New York, NY. 1994.

Seibel MM. Simplified techniques of assisted reproduction. In: Seibel MM, Blackwell RE, eds. Ovulation Induction. Raven Press, New York, NY. 1994.

Seibel MM. The natural cycle for in vitro fertilization. In: Seibel MM, Blackwell RE, eds. Ovulation Induction. Raven Press, New York, NY. 1994.

Philosophe R, Seibel MM. Ovulation induction in hypogonadism. In: Adashi EY, Rock JA, Rosenwaks Z, eds. Reproductive Endocrinology, Surgery, and Technology. 1996.

Zilberstein M, Seibel MM. Preimplantation genetic diagnosis: What can be done? Genetic Resource. 1996, p 8.

Bar-Ami S, Seibel MM. Oocyte maturation and follicular genesis. In: Seibel MM, ed. Infertility: A Comprehensive Text, 2e. Appleton & Lange, Norwalk, CT. 1997.

Dlugi AM, Mersol-Barg MS, Seibel MM. Gamete intrafallopian transfer. Infertility: A Comprehensive Text, 2e, Appleton & Lange, Norwalk, CT. 1997.

Bar-Ami S. Seibel, MM, Oocyte development and meiosis in humans. Infertility: A Comprehensive Text, 2e, 1997.

Domar AD, Seibel MM. Emotional aspects of infertility. In: Seibel MM, ed. Infertility: A Comprehensive Text, 2e. Appleton & Lange, Norwalk, CT. 1997.

Seibel MM. Work-up of the infertile couple. In: Seibel MM, ed. Infertility: A Comprehensive Text, 2e. Appleton & Lange, Norwalk, CT. 1997.

Seibel MM. Ovulation initiation: follicle-stimulating hormone. In: Seibel MM, ed. Infertility: A Comprehensive Text, 2e. Appleton & Lange, Norwalk, CT. 1997.

Zilberstein M, Seibel MM. Preimplantation genetic diagnosis. In: Seibel MM, ed. Infertility: A Comprehensive Text, 2e. Appleton & Lange, Norwalk, CT. 1997.

Seibel MM, Zilberstein M. Endometriosis: Mechanisms of Infertility. In: Diamond M, Osteen G, eds. Endometrium and Endometriosis. Blackwell Science, Cambridge, MA. 1997

Seibel MM. Ovarian Dysfunction and Anovulation. In: Carr B and Blackwell, RE, eds. Textbook of Reproductive Medicine: 2e Appleton & Lange, Stamford CT. 1998.

Seibel, MM. Ovulation Induction with Gonadotropins. In: John J. Sciarra, ed. Gynecology and Obstetrics. Lippencott-Raven (Revised Edition - 1998), New York, NY.1998

Seibel, MM. Ovulation Induction and Assisted Reproduction. In: DeGroot & Jameson: Endocrinology 4/E. W.B. Saunders, Philadelphia, PA. 2000

Seibel, MM. Gamete Intrafallopian Transfer. In: DK Gardner, A Weissman, CM Howles, Z Shoham, eds. Textbook of ART. Martin Dunitz, London, 2000.

Seibel, MM. Understanding the Terminology of Assisted Reproduction. In: S Crockin, ed. Massachusetts Continuing Legal Education. Boston, MA, 2000.

Seibel, MM. Soy and the treatment of menopause. In: AR Genazzani, F Petraglia, PG Artini eds. Advances in Gynecological Endocrinology. Parthenon Publishing, London, UK, 2002.

Seibel, MM. Gamete Intrafallopian Transfer (GIFT) In: DK Gardner, A Weissman, CM Howles, Z Shoham, eds. Textbook of ART. 2nd Edition. Martin Dunitz, London, 2003.

Weissman A, Seibel, MM. Gamete Intrafallopian Transfer (GIFT) In: DK Gardner, A Weissman, CM Howles, Z Shoham, eds. Textbook of ART. 3rd Edition. Martin Dunitz, London, 2008.

Barron K, Seibel MM. The Environment and Reproduction. In: DK Gardner, A Weissman, CM Howles, Z Shoham, eds Textbook of ART 3rd Edition. Martin Dunitz, London, 2008

Seibel MM. Ovulation Induction With Gonadotropins. In: John J. Sciarra, ed. Gynecology and Obstetrics. Lippencott-Raven, New York, NY, 2009

Seibel MM. The Environment and Reproduction. In: DK Gardner, A Weissman, CM Howles, Z Shoham, eds Textbook of ART 4th Edition. Martin Dunitz, London, 2012

Seibel MM. The Environment and Reproduction. In: DK Gardner, A Weissman, CM Howles, Z Shoham, eds Textbook of ART 5th Edition. Martin Dunitz, London, 2016

Seibel MM. Over the last six years I have written hundreds of articles and posts for Hot Years Magazine, Huffington Post, About.com, EmpowHER, Red Hot Mamas, and countless others.

[Abstracts, Poster Presentations and Exhibits Presented at Professional Meetings](#)

Taymor ML, Seibel MM, Smith DM, Levesque LA, Borten M. RIA for LH: The use of a rapid LH assay for oocyte harvest. World Conference on Embryo Transfer and Instrumental Insemination - September 1980.

Seibel MM, Smith DM, Taymor ML. Ovulation timing by LH assay and Follicle Puncture. Annual Meeting of the Society for Gynecologic Investigation - March 1982.

Taymor ML, Seibel MM. New insights into PCO - therapeutic implications. Annual Meeting of the American Gynecological and Obstetrical Society - September 1982.

Smith DM, Seibel MM, Levesque L, Weinstein FG, Taymor ML. Patterns of human preovulatory follicular fluid steroid concentrations in-vivo. Annual Meeting of the Society for Gynecologic Investigation - March 1983.

Seibel MM, Smith D, Carlson JM. Comparison of urinary and pituitary follicle stimulating hormone in the treatment of PCO. Annual Meeting of the American Fertility Society - April, 1984.

Oskowitz S, Seibel MM, Levesque LA, Taymor ML. Patterns of gonadotropin and steroid serum concentrations during the luteinizing hormone surge in natural versus clomiphene treated cycles. Annual Meeting of the American Fertility Society - April 1984.

Oskowitz SP, Seibel MM, Levesque LA, Taymor ML. Comparative effects on sex steroids of pure urinary follicle stimulating hormone and human menopausal gonadotropins in clomiphene-primed ovulatory cycles. Annual Meeting of the American Fertility Society - September 1985.

Oskowitz SP, Seibel MM, Taymor ML. Dominant follicle selection: Temporal relationship to the length of the menstrual cycle. Society for Gynecologic Investigation. Phoenix, Arizona - March 1985.

Oskowitz SP, Seibel MM, Duffy P, Taymor ML. Ovulation augmentation parameters that optimize conception rates in in vitro fertilization therapy. The American Fertility Society. Toronto, Canada - September 1986.

Oskowitz SP, Alper M, Taymor ML, Seibel MM. Endocrine and follicular response to super-ovulatory regimens in women aged 40 years and older. Society for Gynecologic Investigation - March 1986.

Bayer S, Mover H, Seibel MM. Aromatase potential of cultured human granulosa cells obtained from in vitro fertilization. Society for Gynecologic Investigation - March 1986.

Bayer S, Seibel MM, Gates G, Moses A, Flier J. Identification of insulin-like growth factor receptors in human granulosa cells. Society for Gynecologic Investigation - March 1986.

Alper M, Seibel MM. Aberrant surge of luteinizing hormone in women with endometriosis. Society for Gynecologic Investigation - March 1986.

Brzezinski A, Seibel MM, Lynch HJ, Deng MH, Wurtman RJ. Melatonin rhythm in normal and amenorrheic women. Society for Gynecologic Investigation. Annual Meeting Atlanta, Georgia - March 1987.

Diaz DG, Tanphaichitr N, Hill J, Anderson D, Seibel MM, Taymor ML. Percoll gradient centrifugation (PGC) improves fertilization ability of human sperm. Vth World Congress - In Vitro Fertilization and Embryo Transfer - April 5, 1987.

D'Amico J, Dlugi A, Rufo S, Seibel MM. A comparison of Buserelin vs. Danazol on plasma lipids. Abstract of the 34th Annual Meeting, Society of Gynecologic Investigation, Atlanta, Georgia. p. 176 - 1987.

Seibel MM, McArdle C, Dlugi A, Bayer S, Taymor ML. The impact of ultrasound retrieval on an IVF program. Vth World Congress - In Vitro Fertilization and Embryo Transfer, Norfolk - April 1987.

Seibel MM, McArdle C, Dlugi A, Bayer S, Taymor, ML. The impact of ultrasound retrieval on an IVF program. Vth World Congress - In Vitro Fertilization and Embryo Transfer, Norfolk - April 1987.

Damien M, Toner M, Seibel MM, Armant DR. A mouse in vitro fertilization protocol to test the effect of experimental variables on fertilization rate and subsequent embryo development. Society for Gynecological Investigation, Baltimore, Maryland - March 1988.

Bayer S, Claman P, Garner P, Seibel MM. Hyperstimulation complicating ovulation induction in polycystic ovary patients pretreated with a GnRH agonist Society - October 1988.

Loy R, Bookman L, Rufo S, Bayer S, Dlugi M, Seibel MM. Ovulation induction in polycystic ovary syndrome (PCO) with urinary follicle stimulating hormone (uFSH) using short and intermediate duration administration. American Fertility Society - October 1988.

Claman P, Bayer S, Garner P, Berger E, Seibel MM. Human menopausal gonadotropin (HMG) or purified urinary follicle stimulating hormone (FSH) induction of ovulation in polycystic ovarian syndrome (PCO) after down regulation with a gonadotropin releasing hormone analogue (GnRH-A). American Fertility Society - October 1988.

Leal C, Levesque L, Rufo S, Seibel MM. Hormonal patterns of successful and unsuccessful uFSH cycles in PCO. American Fertility Society, San Francisco, California - November 1989.

Richards C, Kim J, Ransil B, Hametz P, McLaughlin D, Donahoe P, Seibel MM. Mullerian inhibiting substance decreases epidermal growth factor induced proliferation of human granulosa cell in culture, a preliminary report. The Endocrine Society. Washington - October 1990.

Singer A, Richards C, Porter D, Rufo S, Seibel M. Technical modifications for selective fallopian tube catheterization and recanalization. The American Fertility Society. Washington - October 1990.

Richards C, Rufo S, Levesque L, Seibel MM. Proper selection of patients for low dose pure FSH optimizes pregnancy rates during the first two months of administration. American Fertility Society - October 1990.

Richards C, Kim J, Levesque L, Chagnon D, Hudson P, Seibel MM. Mullerian inhibiting substance inhibits epidermal growth factor induced progesterone production in human granulosa-luteal cells in long term culture. American Fertility Society. Washington - October 1990.

Richards C, Kim J, Hametz P, Levesque L, Carvajal F, Seibel MM. Endocrine parameters of patients entering natural cycles for in vitro fertilization: Day 8 FSH and LH identify suitable candidates. American Fertility Society. Washington - October 1990.

Richards C, Hametz P, Lieberman P, Bernstein J, Ransil B, Seibel MM. Survey of attitudes about anonymous ovum donation using IVF patients indicates a high level of acceptance. American Fertility Society. Washington - October 1990.

Bernstein J, Bauminger S, Seibel MM. Evaluation of luteal phase support in IVF: a randomized trial. Second International Conference for IVF Nurse Coordinators and Support Personnel June 1991.

Bernstein J, Bauminger S, Seibel MM. Comparison of natural vs. stimulated cycle serum progesterone levels at the time of oocyte retrieval for in vitro fertilization. 7th World Congress on In Vitro Fertilization and Assisted Procreations - June 1991.

32. Serta RT, Anderson L, Seibel MM, Bauminger S. A time dependent augmentation of progesterone production by epidermal growth factor in human granulosa-luteal cells in culture. 7th World Congress on In Vitro Fertilization and Assisted Procreations - June 1991.

Anderson SC, Cooper GM, Seibel MM, Kiessling AA. Meiosis in motion. 7th World Congress on In Vitro Fertilization and Assisted Procreations - June 1991.

Seibel MM, Kearnan M, Kiessling AA, Bernstein J. Multiple IVF cycles: diminishing returns. 7th World Congress on In Vitro Fertilization and Assisted Procreations - June 1991.

Serta RT, Seibel MM, Kiessling AA. Maturation and fertilization of mouse oocytes in serum-free media. Serono Symposia, USA on Preimplantation Embryo Development. Boston, Massachusetts - August 1991.

Bernstein J, Chagnon D, Anderson L, Serta R, Seibel MM. Endocrine profiles during four luteal phase support protocols in IVF patients. American Fertility Society, Orlando, Florida - October 1991.

Seibel MM, Bernstein J, Levin S, Seibel SG. Epidemiologic insights into the importance of emotional support in infertility treatment. American Fertility Society, Orlando, Florida - October 1991.

Serta RT, Seibel MM, Kiessling AA. Effects of serum, follicular fluid and epidermal growth factor on mouse oocyte maturation. Serono Symposia, USA on Cell Biology and Biotechnology: Novel Approaches to Increased Cellular Productivity. Cambridge, Massachusetts - January 1992.

Serta RT, Fissore R, Torry D, Seibel MM, Kiessling AA. Characteristics of the purine-induced block to mouse embryo cleavage. Cell Biology and Biotechnology, Cambridge, Massachusetts - February 1992.

Serta RT, Seibel MM, Kiessling AA. Mouse oocyte maturation, fertilization and cleavage in vitro. Society For Gynecologic Investigation, San Antonio, Texas - March 1992.

Serta RT, Purchit A, Rufo S, Yin H-Z, Seibel MM. Comparison of two protocols for sperm preparation for intrauterine insemination. American Fertility Society. New Orleans, Louisiana - November 1992.

Serta RT, Torry D, Seibel MM, Kiessling AA. The hypoxanthine-induced block to mouse embryo cleavage does not prevent cyclin/CDC2 association. American Fertility Society, New Orleans, Louisiana - (November 1992).

Serta RT, Seibel MM, Kiessling AA. Maturation and fertilization of mouse oocytes in serum-free media. American Fertility Society, New Orleans, Louisiana - (November 1992).

Drislane FW, Levesque LA, Seibel MM, Ives J, Schomer D, Herzog AG. Abnormal pulsatile secretion of luteinizing hormone in women with epilepsy. American Academic Neurology Scientific Program - (1993).

Yin H-Z, Seibel MM, Eyre RC, Kiessling AA. Differential leukocyte counts are accurate and safer with formaldehyde fixed semen. Abstract. Cojoint Meeting of the American Fertility Society and the Canadian Fertility and Andrology Society - October 11-14, (1993). Montreal, Canada.

Kiessling AA, Crowell RC, Michalopoulos J, Seibel MM. Human immunodeficiency virus long terminal repeat drives gene expression in mouse zygotes and polypronuclear human eggs. (American Fertility Society - November 1994).

Zilberstein M, Thompson LC, Lamparelli NA, Verp MS, Seibel MM, Rosenfield RL, Rosenthal IM. Human sertoli cells in culture - a novel system for the study of testicular physiology. (American Fertility Society - November 1994).

Eyre RC, Yin H-Z, Seibel MM, Kiessling AA. Prostate specific antigen detected in formalin-fixed semen is decreased in men with leukospermia. Fertil Steril American Fertility Society Program Supplement - November 1994) P-243-S200.

Yin, H-Z., Kearnan, M. Seibel, MM., A modified sperm rise technique for preparing fresh or frozen sperm for insemination using organ culture dishes. Fertil Steril (American Society of Reproductive Medicine Program Supplement) (1995) P-177, S175.

Zilberstein M, Seibel MM, Fitzgerald L, Kiessling A, Pierce K. Diagnosis of unbalanced translocation, a model case report. Society for Gynecological Investigation - March 1995.

Pierce, KE., Yin, H-Z., Seibel, MM., Zilberstein, M. Bar-Ami, S. Genetic analysis of multi-pronucleated human eggs following intracytoplasmic sperm injection Fertil Steril (American Society of Reproductive Medicine Program Supplement 1996) P-106, S141.

Yin, H-Z., Pierce, KE., Bar-Ami, S., Seibel, MM A rapid method for removing cumulus cells from human oocytes prior to intracytoplasmic sperm injection (ICSI) Fertil Steril (American Society of Reproductive Medicine Program Supplement) (1996) P-341, S251.

Zilberstein, M. Seibel, MM, Bar-Ami S., Morton, CC, Weremowicz S. FISH in Preimplantation Genetic Diagnosis (PGD): Applications in detection of chromosomally unbalanced zygotes from translocation carriers/ 52nd Annual Meeting of the American Society for Reproductive Medicine (1996) Boston abstract P-053.

Weichselbaum A., Bar-Ami S., Seibel MM. and Paltieli Y. Cilia motility in human fallopian tube, the

relationship between physiology and morphology. 30th Annual Meeting of the Society for the Study of Reproduction. Portland, Oregon, August 1997.

Yin HZ, Srivastava R, Bar-Ami S, Seibel MM. An unwashed sperm rise method for preparing fresh or frozen sperm using organ culture dishes. *Fertil Steril* 1997;68:S56-57.

Yin HZ, Pierce KE, Bar-Ami S, Seibel MM. Removing viscous mass from hyperviscous semen is useful during semen preparation. *Fertil Steril* 1997;68:S240.

Seibel MM, Bar-Ami S. Low IVF parameters in Women Yielding Oocytes from Binovular Follicle." Joint meeting of the 16th World Congress on Fertility and Sterility and the 54th Annual Meeting of the American Society for Reproductive Medicine, IFFS'98. San Francisco, California.

Hambartsoumian E, Seibel MM. The expression of endothelial nitric oxide synthase (enos) mRNA in human trophoblast and its regulation by leukemia inhibiting factor. *Fertil Steril* 2001;76:S58-59.

Books

Seibel MM. *Infertility: A Comprehensive Text*. Appleton & Lange, Norwalk, CT. 1990.

Seibel MM, Kiessling AA, Bernstein J, Levin S. *Technology and Infertility: Clinical, Psychosocial, Legal and Ethical Aspects*. Springer-Verlag. New York, NY. 1993.

Seibel MM, Blackwell R. *Ovulation Induction*. Raven Press, New York, NY. 1994.

Tan SL, Jacobs HS, Seibel MM. *Infertility: Your Questions Answered*. Birch Lane Press, New York, NY. 1995.

Seibel MM, Crockin S. *Family Building through Egg and Sperm Donation: Medical, Legal, and Ethical Issues*. Jones and Bartlett, Boston, MA. 1996.

Seibel MM. *Infertility: A Comprehensive Text, 2nd Edition*. Appleton & Lange, Norwalk, CT. 1997.

Tan SL, Jacobs HS, Seibel MM. *Infertility: Your Questions Answered 2nd edition* Birch Lane Press, New York, NY. 1997.

Seibel MM, Kaur-Kalsa H. *A Woman's Book of Yoga*. Avery, Penguin, Putnam Press, New York, NY. 2002.

Seibel MM: *The Soy Solution for Menopause: An Alternative to Estrogen*. Fireside Press, Simon and Schuster, New York, NY. 2003.

Seibel MM, Stephenson J. *Journal Babies: Your Personal Conception and Pregnancy Organizer*. Appletree-Press. Mankato, Minnesota, 2003.

Seibel MM. Series of 6 children's health related books submitted for publication.

Giblin K, Seibel M. *Eat to Defeat Menopause: Recipes For A Healthy Midlife*. Red Hot Mamas

Publishing. Roswell, Georgia. 2010

Seibel MM. Amp Up Your Kid's Health. HealthRock Publishing. Newton, MA. 2010.

Giblin K, Seibel M. Eat to Defeat Menopause: Recipes For a Healthy Midlife. DaCapo Publishing, New York, 2011

Glazier S, Seibel M. Save Your Life: What to do in a medical emergency. Wolff Publishing, Newton, MA 2011

Seibel MM. My Menopause Guidebook 2013

Seibel MM. The Estrogen Window: The Breakthrough Guide to Being Healthy, Energized, and Hormonally Balanced—Through Perimenopause, Menopause, and Beyond. Rodale Press, 2016 Amazon #1 Best Seller in Menopause

Seibel MM. The Estrogen Fix. Rodale Press, September 19, 2017 Amazon #2 Best Seller in Menopause

Seibel MM, Seibel Sharon with Forward by JoAnn Pinkerton. Working Through Menopause: The Impact on Women, Businesses and The Bottom Line. HealthRock Publishing. March 8, 2022

Seibel MM. The Hot Years Menopause Guidebook: How to Get Through Menopause and Enjoy the Life You Want to Live. October, 2023.

Seibel MM, The Other End of The Stethoscope: A Physician's Journey Through Healthcare, 2023 in final preparation for publication.

Professional educational materials or reports, in print or other media

2003 Seibel MM: Mango – words and music for a 14 song CD album.

2003 Founded HealthRock® to teach health through music that leads to positive behavior changes.

2005 Seibel MM: Moods – instrumental compositions for 17-song album.

2005 Seibel MM: HealthRock: Kid's Edition – words and music for 14 song album on health related topics for children.

2005 Seibel MM: HealthRock: Grown Up Edition– words and music for 12 song album on health-related topics for adults.

2005 Seibel MM: HealthRock: Women's Edition – words and music for 13 song album on health-related topics for adults.

2006 Founded HealthRock Publishing with ASCAP for HealthRock's music

2006 Founded Vineyard Sound Publishing with ASCAP for non-health related music

2006 Seibel MM: HealthRock: Teen Edition – works and music for 20 song album on health

related topics for teens.

- 2006 Male, Female, E-mail: A musical comedy about internet dating. Music & Lyrics by MM Seibel, Book by Patricia Sternberg.
- 2006 Throw the Dice: A musical comedy about the Biblical Book of Esther. Music & Lyrics and Book by Mache Seibel
- 2007 Seibel MM: HealthRock: Lullabies for Kids of All Ages. Music for a 17-song album comprised of soothing and melodic music – winner of iParenting Media Award
- 2007 Seibel MM: HealthRock: Preschool Edition. Words & Music for 18 song album on health related topics for preschoolers. Winner Creative Child CD of the Year.
- 2008 Dracula.com: Musical comedy about two want to be vampires. Music & Lyrics by MM Seibel, Book by Peter Dineen.
- 2008 Seibel MM: Red Hot Mama. Words and Music for 16 cabaret songs
- 2009 Brass Balls: Musical comedy about Ireland set in a pawnshop in. Music & Lyrics by MM Seibel, Book by Peter Dineen.
- 2009 Seibel MM: HealthRock Healthy Teeth. Words & Music for 7 song album and a spoken story with musical background.
- 2009 Seibel MM: Amp Up Your Health. Health information woven with songs about health for grown up audiences
- 2009 Seibel MM: Amp Up Your Mental Health. Mental health information woven with supporting content in songs for ages 18+
- 2009 Seibel MM: Amp Up Your Kid's Health. General health information woven with supporting songs to teach kids how to stay healthy. Goes with companion book. Winner Creative Child CD of the Year Award
- 2010 Seibel MM: Let's Move. Songs about exercising, eating healthy and controlling weight. Words & Music for 17 original songs.
- 2011 Seibel MM: Sleep Tight: Music to Sleep To. 13 soothing original instrumental compositions to sleep to, designed to help you sleep.
- 2011 Seibel MM: Relax. CD collection of 16 soothing instrumental original compositions.
- 2011 Seibel MM: New Christmas Songs. Collection of original Christmas songs.
- 2013- The Hot Years Magazine – Founded and Editor – First online digital magazine in Apple Newsstand dedicated to menopause www.HotYearsMag.com.

2013 [My Menopause Radio](#) on Blog Talk Radio – a weekly interview format on menopause
-16

Narrative Report (limit to 500 words)

My initial research revolved around the endocrinology and physiology of ovulation, oocyte maturation and assisted reproductive technology. My research identified the circadian rhythm of LH, the timing of ovulation following the LH surge, defined in vivo oocyte maturation, and established the impact of GnRH pulse frequency and amplitude on gonadotropin levels in the human, which confirmed Ernst Knobil's primate work. This allowed me the privilege of performing the first successful in vitro fertilization in Massachusetts, one of the first in the United States as well as help gorillas at the Franklin Park Zoo.

My research also demonstrated that treating minimal endometriosis does not improve fertility but does delay conception. I also discovered that most "normal" karyotypes in spontaneous abortions are in fact maternal artifacts and not the abnormal fetal karyotype of the miscarriage. I established one of the first Reproductive Ethics Advisory Boards in the United States. My work in ovulation induction provided a protocol for long-term, low-dose FSH for polycystic ovaries, which received a Searle Donald F. Richardson Award from ACOG, and together with Dr. Andrew Herzog, I demonstrated how temporal lobe epilepsy affected gonadotropin pulse frequency, amplitude and ovulation. I subsequently received patient education awards from both ACOG and ASRM, as well as the Media Award from NAMS.

The two editions of my textbook, *Infertility: A Comprehensive Text* were used internationally, and my interactive multimedia infertility program received an ACOG Patient Education Award.

Subsequently I worked in the area of soy, yoga and other alternatives to traditional medicine for women throughout their life cycles to understand the role of non-traditional treatment options. I am also an award-winning musician and composer using music as an educational tool to improve health literacy, producing music and lyrics for 14 albums recorded by New England Conservatory Musicians. These songs and recordings are the recipient of multiple national awards including ones from The Health and Science Communications Association, iParenting and the American Society for Reproductive Medicine.

When my wife was diagnosed with the BRCA gene deletion and underwent surgery that sent her into early menopause only 7 months after the 2002 WHI report was published, her doctors were reluctant to prescribe estrogen. I switched my focus to women's wellness and menopause. My collation and interpretation of the available literature became the #1 best-selling book, *The Estrogen Window* and the subsequent updated best-selling paperback version, *The Estrogen Fix*.

Subsequently, my wife was diagnosed with pancreatic cancer, and I pulled back to part-time in my clinical work to help her navigate the medical system. To continue helping women in menopause, I created an award-winning online magazine (HotYearsMag.com), developed online webinars, seminars, podcasts, and summits that cumulatively continue to reach tens of thousands of women worldwide. I also lecture nationally and internationally. In 2022 my wife and I jointly wrote *Working Through Menopause: The Impact on Women, Businesses and The Bottom Line*, the first US book on this topic.

My focus is now on health educating and writing. The more we can help people stay well, the less they will have to get well. Because women make 80% of all healthcare decisions, I believe educating women will not only help women, but also help educate the country one family at a time.