



**CURRICULUM VITAE**  
**ANITA P. SINGH, M.D.**

**CURRENT PROFESSIONAL POSITION**

Office Phone  
Fax

Medical Director  
LifeStart Fertility Center  
29525 Canwood Street, Suite 220  
Agoura Hills, CA 91301  
(818) 889-4532  
(818) 889-4536

**PAST PROFESSIONAL POSTION**

Chair and IVF Program Director  
Division of Reproductive Endocrine and Infertility  
Department of Obstetrics and Gynecology  
Mayo Clinic Scottsdale  
Scottsdale, Arizona  
July 1996 to July 2004

**EDUCATION & TRAINING**

Fellowship  
1994-1996

Reproductive Endocrinology and Infertility  
University of California Irvine  
Orange, California

Internship/Residency  
1990-1994

Obstetrics and Gynecology  
University of California Irvine  
Orange, California

Medical Education  
1984-1990

Combined B.A./M.D. Program  
University of Missouri  
Kansas City, Missouri

**CERTIFICATION**

Board Certified

Obstetrics and Gynecology  
November 20, 1998

Reproductive Endocrinology & Infertility  
April 2000

**MEDICAL LICENSURE**

Arizona – 24520  
California – G072059

## **PROFESSIONAL ACTIVITY**

### **Awards & Honors**

#### **University of Missouri - Kansas City**

1990	Graduated May 1990 “With Distinction”
1987	Honor Society of Phi Kappa Phi: Initiated March 1987
1986-1987	Honors in Pathology and Pediatrics Clinical Rotations
1985-1986	James J. Lynn University Scholarship
1985-1986	University of Missouri University Scholar
1984-1986	Sepiente Est Potentia, Freshman-Sophomore Honor Society
1984-1987	Deans List
1984	College Relations Commission Award

#### **University of California – Irvine**

1993	Resident Teaching Award, Obstetrics and Gynecology Clerkship, Department of Obstetrics and Gynecology University of California Irvine
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## **ACADEMIC APPOINTMENTS**

1/00 – 7/04	Assistant Professor Department of Obstetrics and Gynecology Mayo Medical School Scottsdale, Arizona
1/97 – 12/99	Clinical Instructor Department of Obstetrics and Gynecology Mayo Medical School Scottsdale, Arizona
6/02 – 12/03	Clinical Assistant Professor Department of Obstetrics and Gynecology Southwest College of Naturopathic Medicine and Health Sciences Tempe, Arizona

## **PROFESSIONAL MEMBERSHIPS AND SOCIETIES**

2003 – 7/04	Mayo Clinic Genomics Subcommittee
1996 - 7/04	Mayo Clinic Reproductive Medicine Ethics Advisory Board
1999 – Present	American Infertility Association – Professional Member
1998 – 2000	Scientific Reviewer, Fertility and Sterility
1997 - Present	Society for Assisted Reproductive Technology
1996 - Present	Resolve – Professional Member
1993 - Present	American Society for Reproductive Medicine
1986 – 1990	University of Missouri – Kansas City, School of Medicine Council of Evaluation Representative

## **EDUCATION ACTIVITIES**

### Mayo Clinic - Rochester, Minnesota

October 1996 Division of Reproductive Endocrinology and Infertility Fellowship  
Conference: Endocrinology of Pregnancy

### Mayo Clinic Arizona - Scottsdale, Arizona

October 2003 Advanced Gynecologic Surgery Fellowship Lecture. Update on  
Contraception.  
March 2003 Mayo Clinic Oncology Education Lecture. Fertility Preservation Options in  
Cancer Patients.  
February 2003 Advanced Gynecologic Surgery Fellowship Lecture. ART Update.  
May 2002 Advanced Gynecologic Surgery Fellowship Lecture. Oral Contraceptives.  
February 2002 Dermatology Department Lecture. Oral Contraceptives.  
June 2001 Advanced Gynecologic Surgery Fellowship Lecture. Assessment of  
Amenorrhea.  
February 2001 Advanced Gynecologic Surgery Fellowship Lecture. Update on  
Endometriosis.  
March 2000 Advanced Gynecology Surgery Fellowship Lecture. ART Update 2000.  
February 2000 Mayo Clinic Internal Medicine Resident Lecture. Evaluation  
and Management of the Infertile Couple.  
March 1997 Advanced Gynecologic Surgery Fellowship Lecture. Endometriosis –  
Medical and Surgical Therapy.

### COMMUNITY PRESENTATIONS

#### **For Your Health Seminars Scottsdale, Arizona**

September 2002 Assisted Reproductive Technologies Update  
July 2001 Infertility Update  
February 2001 Alternatives to Hysterectomy: For Bleeding and Fibroids  
May 2000 Assisted Reproductive Technologies in the New Millennium  
March 2000 Hysteroscopy as an Alternative to Hysterectomy  
March 1999 Infertility Update  
October 1998 Infertility and IVF

### PROFESSIONAL PRESENTATIONS

1. An Alternative Approach to the Culture and Cryopreservation of Human Embryos to Maximize IVF Pregnancy Rates Per Oocyte Retrieval. Presented at the PCRS Annual Meeting—was selected for Oral Presentation and Workshop Conference. Rancho Mirage, California, April 23-27, 2003.
2. A Cost Saving Method for Freezing Human Semen. Presented at the ASRM 58th Annual Meeting, Seattle, Washington, October 13-17, 2002.
3. Gene Expression of Human Chorionic Gonadotropin/Luteinizing Hormone Receptor in Human Endometrium. Presented at the ASRM 52<sup>nd</sup> Annual Meeting, Boston, Massachusetts, November 2-7, 1996.

4. Evidence of Molecular Heterogeneity in the Gene Expression of Subunits of Stimulatory Guanine-Nucleotide Binding (Gs) Protein in Human Endometrium. Presented at the Pacific Coast Fertility Society 44th Annual Meeting, Indian Wells, California, April 17-21, 1996.
5. Gene Expression of hCG/LH Receptors in Human Endometrium: Evidence for an Abnormal Extracellular Domain. Presented at the Society for Gynecologic Investigation 43<sup>rd</sup> Annual Meeting, Philadelphia, Pennsylvania, March 20-23, 1996.
6. Thyroid Autoantibodies in the Success and Failure of In-vitro Fertilization. Presented at the Pacific Coast Fertility Society 43<sup>rd</sup> Annual Meeting, San Diego, California, April 26-30, 1995.
7. Biochemical Pregnancies: Do Thyroid Autoantibodies Play a Role? Presented at the American Fertility Society 50th Annual Meeting, San Antonio, Texas, November 5-10, 1994.
8. Thyroid Antibodies as Predictors of Pregnancy Outcome. Presented at the Pacific Coast Fertility Society 42nd Annual Meeting, Indian Wells, California, April 20-24, 1994.

### **INVITED PRESENTATIONS**

1. Acupuncture and Infertility. Presented at the Complementary and Alternative Therapy Committee. Scottsdale, Arizona, April 30, 2004.
2. Initial Approach to Infertility. Presented at the Mayo Clinic Clinical Updates 2003 Meeting. Las Vegas, Nevada, September 18-20, 2003.
3. Contraception Options 2003. Presented at the Mayo Clinic Clinical Updates 2003 Meeting. Las Vegas, Nevada, September 18-20, 2003.
4. Initial Approach to Infertility. Presented at Mayo Clinic Women's Health – 2003 and Beyond, Scottsdale, Arizona, April 24, 2003.
5. Update in Assisted Reproductive Technology. Presented at Scottsdale Healthcare Shea, Medical-Surgical Grand Rounds, Scottsdale, Arizona, October 4, 2002.
6. Evaluation of the Infertile Couple. Presented at the Arizona State University, Human Sexuality Class, Tempe, Arizona, March 22, 2001.
7. Evaluation of the Infertile Couple. Presented at Mayo Clinic Clinical Reviews, Ritz Carlton Hotel, Phoenix, Arizona, June 10, 2000.
8. Evaluation of the Infertile Couple. Presented at the Arizona State University, Human Sexuality Class, Tempe, Arizona, March 27, 2000.
9. Evaluation and Treatment of the Infertile Couple. Presented at Paradise Valley Community College, Human Sexuality Class, Phoenix, Arizona, September 21, 1999.
10. Evaluation and Treatment of the Infertile Couple. Presented at Medical Updates for the Dental Professional, Orangetree Golf Resort, Scottsdale, Arizona, December 3, 1999.
11. Infertility Workshop: Update on Endometriosis. Presented at Mayo Clinical Reviews 1997, Doubletree Paradise Valley Resort, Paradise Valley, Arizona, November 12-14, 1997.

12. Infertility: Evaluation and Treatment. Presented at Mayo Clinic Women's Health: 1997 Southwest Nursing Update, Phoenix, Arizona, October 3-4, 1997.
13. Immune Mediated Reproductive Failure. Presented at University of California Irvine Medical Center Grand Rounds Conference, Department of Obstetrics/Gynecology, Orange, California, November 17, 1995.
14. Infertility Management in the Outpatient Setting. Presented at Nurse-Midwifery and Nurse Practitioner Education Program Lecture, Department of Obstetrics and Gynecology, University of California Irvine, UCI Medical Center, Orange, California, October 19, 1995.
15. Recurrent Pregnancy Loss. Presented at Endocrinology/Infertility Conference Lecture, St. Joseph's Hospital, Orange, California, November 1, 1994.

### **RESEARCH GRANTS AWARDED**

**Serono Laboratories**     A phase III, open randomized, multicenter study to compare the safety and efficacy of recombinant human chorionic gonadotropin, administered subcutaneously, with that of urinary human chorionic gonadotropin (Profasi®) administered intramuscularly, for inducing final follicular maturation and early luteinization in women undergoing superovulation with highly-purified human follicle stimulating hormone (Metrodin XP™) prior to IVF/ET. Completed 1997.

A phase III, open-label, multicenter study to evaluate the safety and efficacy of Metrodin HP administered by SC route to induce ovulation in WHO Group II anovulatory infertile women. Co-investigator \$28,800, #6310, January 13, 1994 - January 31, 1995.

### **PUBLICATIONS**

#### **Journal Articles, Peer Reviewed**

1. Hammitt DG, Sattler CA, Manes ML, **Singh AP**. An Alternative Approach to the Culture and Cryopreservation of Human Embryos to Maximize IVF Pregnancy Rates Per Oocyte Retrieval. J Asst Repro & Genet, Accepted for publication, January 2004.
2. Hammitt DG, Ferrigni RG, Sattler CA, Rebert JA, **Singh AP**. Development of a New and Efficient Laboratory Method for Processing Testicular Sperm. J Asst Repro & Genet 19(7), 2002.
3. Goudas VT, Hammitt DG, Damario MA, Session DR, **Singh AP**, Dumesic DA. Blood on the Embryo Transfer Catheter is Associated with Decreased Rates of Embryo Implantation and Clinical Pregnancy with the use of In-vitro Fertilization-Embryo Transfer. Fertil Steril 70(5): 878-82, 1998.
4. **Singh AP**, Dantas ZN, Stone SC, Asch RH. Presence of Thyroid Antibodies in Early Reproductive Failure: Biochemical Versus Clinical Pregnancies. Fertil Steril 63(2):277-281, 1995.
5. Dantas ZN, **Singh AP**, Karochalios P, Asch RH, Balmaceda JP, Stone SC. Vaginal Bleeding and Early Pregnancy Outcome in an Infertile Population. J Asst Reprod & Genet 13(3):212-215, 1996.

## Abstracts and Posters

1. Hammitt DG, Sattler CA, Manes ML, **Singh AP**. An Alternate Approach to the Culture and Cryopreservation of Human Embryos to Maximize IVF Pregnancy Rate Per Oocyte Retrieval. Presented at the PCRS Annual Meeting, Selected for Oral Presentation and Workshop Conference. Rancho Mirage, California, April 23-27, 2003.
2. Hammit DG, Sattler CA, Rebert JA, **Singh AP**. A Cost Saving Method for Freezing Human Semen. 58th Annual ASRM Meeting, Seattle, Washington, October 13-17, 2002.
3. Hammitt DG, Sattler CA, Ferrigni RG, **Singh AP**. Development of a New and Efficient Laboratory Method for Processing Testicular Sperm. 57<sup>th</sup> Annual ASRM Meeting, Orlando, Florida, October 20-25, 2001.
4. **Singh AP**, Sattler CA, Hammitt DG. Presence of Cervical Mucus at Embryo Transfer and In Vitro Fertilization (IVF) Outcome. 57<sup>th</sup> Annual ASRM Meeting, Orlando, Florida, October 20-25, 2001.
5. **Singh AP**, Sattler CA, Hammitt DG. Novel Frozen Embryo Transfer Approach Involving Pronuclear Stage Cryopreservation and Blastocyst Transfer. 57<sup>th</sup> Annual ASRM Meeting, Orlando, Florida, October 20-25, 2001.
6. Hammitt DG, Galanits TM, Walker DL, **Singh AP**, Damario MA, Session DR. Embryo Quality and Blastomere Number Following Embryo Coculture on Cumulus Monolayers Versus Standard Culture. 56<sup>th</sup> Annual ASRM Meeting, San Diego, California, October 23-26, 2000.
7. Hammitt DG, Walker DL, Sattler CA, **Singh AP**. Comparison of Monolayer and Fibroblastoid Formation in Cumulus Cultures Following Incubation with Various Types of IVF Media. 56<sup>th</sup> Annual ASRM Meeting, San Diego, California, October 23-26, 2000.
8. Session D, Dudiak K, **Singh AP**, Dumesic D. Comparison of Sonohysterography with Magnetic Resonance Imaging (MRI) for the Evaluation of Mullerian Anomalies. 56<sup>th</sup> Annual ASRM Meeting, San Diego, California, October 25, 2000. Selected for highlights of the meeting: Shining the Spotlight on the Stars.
9. Hammitt DG, **Singh AP**, Walker DL, Sattler CL, Galantis TM, Barud KM, Wentworth MA, Damario MA, Dumesic DA. Accuracy of Embryo Preselection at Pronuclear (PN) Stage. ASRM 55<sup>th</sup> Annual Meeting, Toronto, Canada, September 27-30, 1999.
10. Hammitt DG, Barud KM, Galantis TM, Wentworth MA, Walker DL, Damario MA, **Singh AP**, Dumesic DA. Comparison of Short and Long Sperm-Oocyte Coincubation in Organ Culture Dishes and Tubes. 55<sup>th</sup> Annual ASRM Meeting, Toronto, Canada, September 27 –30, 1999.
11. Hammitt DG, Walker DL, Sattler CA, Damario MA, **Singh AP**, Dumesic DA. Development of Homologous Cumulus Coculture System for IVF. ASRM 54<sup>th</sup> Annual Meeting, San Francisco, California, October 5-8, 1998.
12. Damario MA, Hammitt DG, **Singh AP**, Session DR, Dumesic DA. Pronuclear Embryo Cryopreservation Without Cleavage-stage Embryo Selection Permits High Oocyte Retrieval—Specific Cryoaugmented Pregnancy Rates. ASRM 54<sup>th</sup> Annual Meeting, San Francisco, California, October 5-8, 1998.

13. Goudas VT, Hammitt DG, Damario MA, Session DR, **Singh AP**, Dumesic DA. Presence of Blood on the Embryo Transfer (ET) Catheter is Associated with a Reduced In-vitro Fertilization (IVF) Pregnancy Rate. ASRM 53<sup>rd</sup> Annual Meeting, Cincinnati, Ohio, October 18-22, 1997.
14. **Singh AP**, Rojas FJ, Brush M, Moretti-Rojas I. Gene Expression of Human Chorionic Gonadotropin/Luteinizing Hormone Receptor in Human Endometrium. ASRM 52nd Annual Meeting, Boston, Massachusetts, November 2-7, 1996.
15. **Singh AP**, Rojas FJ, Brush M, Moretti-Rojas I. Evidence of Molecular Heterogeneity in the Gene Expression of  $\alpha$  Subunits of Stimulatory Guanine-nucleotide Binding (Gs) Protein in Human Endometrium. Pacific Coast Fertility Society 44th Annual Meeting, Indian Wells, California, April 17-21, 1996.
16. **Singh AP**, Moretti-Rojas I, Brush M, Rojas FJ. Gene Expression of hCG/LH Receptors in Human Endometrium: Evidence for an Abnormal Extracellular Domain. Society for Gynecologic Investigation 43rd Annual Meeting, Philadelphia, Pennsylvania, March 20-23, 1996.
17. **Singh AP**, Stone SC, Rojas FJ, Balmaceda JP, Asch RH. Thyroid Autoantibodies in the Success and Failure of In-vitro Fertilization. Pacific Coast Fertility Society 43rd Annual Meeting, San Diego, California, April 26-30, 1995.
18. **Singh AP**, Dantas ZN, Stone SC, Asch RH. Biochemical Pregnancies: Do Thyroid Autoantibodies Play a Role? American Fertility Society 50th Annual Meeting, San Antonio, Texas, November 5-10, 1994.
19. **Singh AP**, Dantas ZN, Stone SC, Asch RH. Thyroid Antibodies as Predictors of Pregnancy Outcome. XII Annual Residents Paper Day, Department of Obstetrics and Gynecology, University of California Irvine, UCI Medical Center, Orange, California, May 14, 1994.
20. **Singh AP**, Dantas ZN, Stone SC, Asch RH. Thyroid Antibodies as Predictors of Pregnancy Outcome. Pacific Coast Fertility Society 42nd Annual Meeting, Indian Wells, California, April 20-24, 1994.
21. **Singh AP**, Lagrew, Jr DC. Double Survival of Monoamniotic Twins: One with a Univentricular Heart. XI Annual Residents Paper Day, Department of Obstetrics and Gynecology, University of California Irvine, UCI Medical Center, Orange, California, May 15, 1993.

#### **Book/Article Reviews**

1. **Singh AP**. Office-Based Infertility Practice. Mayo Clinic Proceedings, June 2002.
2. **Singh AP**. Female Infertility Therapy: Current Practice. Fertil Steril. 73(1):183, 2000.

Revised 04/05, APS