

CURRICULUM VITAE

Vishvanath C. Karande, MD

Place of Birth: Mumbai, India
Citizenship: U.S.
Current Position: President, Medical Director, and
Director of IVF Program
InVia Fertility Specialists
1585, North Barrington Road, Suite #406
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(847) 884-8884
2002-Present

Previous Positions: President, Medical Director, and
Director IVF Program
Center for Human Reproduction,
1585, North Barrington Road, Suite #406
Hoffman Estates, IL 60194
(847) 884-8884
1999-2002

Managing Editor,
Journal of Assisted Reproduction and Genetics
2000-2002

Previous Positions (contd.): Director, Division of GynecoRadiology
Center for Human Reproduction, 7/92 – 12/99

National Director of GynecoRadiology
GynCor, Inc., 8/95 – 7/99

Chairman,
Imaging in Reproductive Medicine
Special Interest Group
American Society for Reproductive Medicine.
10/97 – 10/99

Private Practice; Whitesburg, Kentucky
Head, Division of Obstetrics & Gynecology
Whitesburg Appalachian Regional Hospital
Whitesburg, Kentucky. 7/90 -- 6/92

Executive Director
The GynecoRadiology Society
7/96 – 10/97

Clinical Assistant Professor
Department of Obstetrics & Gynecology
University of Illinois at Chicago, Chicago, Illinois.
7/93 – 9/99

Education:

- 2003 - present Recertified by the American Board of Obstetrics and Gynecology and the Division of Reproductive Endocrinology and Infertility.
- 1996 Certified by the Accreditation Council for Gynecologic Endoscopy
- 1993 Certified by the Division of Reproductive Endocrinology of the American Board of Obstetrics & Gynecology
- 1991 Certified by the American Board of Obstetrics & Gynecology
- 1988 -- 1990 Clinical Fellow -- Reproductive Endocrinology
Department of Obstetrics and Gynecology
The Jones Institute for Reproductive Medicine
Eastern Virginia Medical School
Norfolk, Virginia
- 1984 -- 1988 Resident in Obstetrics and Gynecology, State University of New York at Buffalo, The Children's Hospital of Buffalo, Buffalo, New York
- 1982 -- 1984 Registrar in Obstetrics & Gynecology at the King Edward Memorial Hospital, University of Bombay, Parel, Bombay, India
- 1981 -- 1982 House Officer in Obstetrics & Gynecology at the King Edward Memorial Hospital, University of Bombay, Parel, Bombay, India
- 1980 -- 1981 Rotating Internship at the King Edward Memorial Hospital, University of Bombay, Parel, Bombay, India

Education (continued):

1976 -- 1980 Seth Gordhandas Sunderdas Medical College,
University of Bombay
Bombay, India

1974 -- 1976 Jai Hind College
University of Bombay
Bombay, India

Degree: Passed Intermediate Science Exam with Honors

1963 -- 1974 St. Xavier's High School
Bombay, India

Degree: Passed Matriculation Exam with Honors

Awards:

Honors in Anatomy

Honors in Obstetrics & Gynecology

Dr. N.A. Purandare Prize for Standing First in
The Obstetrics & Gynecology Competitive Exam, 1979.

Passed Diploma in Gynecology and Obstetrics Examination
(D.G.O.) with a Gold Medal for standing first in both Written and
Oral examinations, 1984.

J.P. Toner, V. Karande, C. Philput, S.J. Muasher, G.E.S. Jones.

“Basal follicle stimulating hormone level is a better predictor of in
vitro fertilization performance than age”. First Prize presentation,
Society for Assisted Reproductive Technology, at the 46th Annual

Awards (continued):

Meeting of The American Fertility Society, Washington, DC,
October 1990

V. Karande, A. Korn, R. Morris, R. Rao, M. Balin, J. Rinehart, B. Lerner, K. Dohn, N. Gleicher “A prospective randomized trial, assessing outcome and cost of IVF as a first choice treatment versus a traditional infertility treatment algorithm”. Oral presentation nominated for the General Program Prize at the 53rd Annual meeting of the American Society for Reproductive Medicine, Cincinnati, Ohio, October 18-22, 1997

Licensure:

Licensed in the states of New York, Virginia, Illinois, Indiana and Kentucky.

Publications:

1. "Correlation between clinical, endocrinologic, and nuclear magnetic resonance findings in patients with suspected pituitary adenomas" V. Karande, D. Gole, J.P. Kuhn, K. Crickard. *J of Reproductive Medicine* 1990;35: 496-98
2. "The value of high dosage follicle stimulating hormone stimulation at the onset of the menstrual cycle for in vitro fertilization in low responder patients" V. Karande, S.J. Muasher, L. Veeck, G.S. Jones. *Fertil. Steril.* 1990;53:486-90.
3. "The relationship between serum estradiol-17_β concentrations and induced pituitary luteinizing hormone surges in post-menopausal women" V. Karande, R.T. Scott Jr., D.F. Archer *Fertil. Steril.* 1990;54:217-21.
4. "Pituitary luteinizing hormone secretion: effect of different concentrations of serum estradiol-17_β in postmenopausal women" V. C. Karande, R.T. Scott Jr., D.F. Archer *Multidisciplinary Perspectives on Menopause, Annals of the New York Academy of Sciences* 1990;592:405
5. "Non-functional ovarian cysts do not affect ipsilateral or contralateral ovarian performance during in-vitro fertilization" V. Karande, R.T. Scott Jr., G.S. Jones, S.J. Muasher. *Hum Reprod.* 1990;5:431-3.
6. "Analysis of ectopic pregnancies resulting from in vitro fertilization and embryo transfer" V. Karande, J.T. Flood, N. Heard, R.G.Brzyski, L. Veeck, S.J. Muasher *Hum Reprod.* 1992;6:446-9.
7. "Are implantation and pregnancy outcome impaired in diethylstilbestrol-exposed women after in vitro fertilization?" V. Karande, R.G. Lester, S.J. Muasher, A.A. Acosta, H.W. Jones Jr. *Fertil. Steril.* 1990;54:287-91.
8. "Standardization of hysterosalpingography and selective salpingography: A valuable adjunct to simple opacification studies" N. Gleicher, M. Parrilli, L. Redding, D. Pratt, V. Karande. *Fertil. Steril.* 1992;58:1136-41.
9. "The association of antithyroid antibodies in euthyroid nonpregnant women with recurrent first trimester abortions in the next pregnancy" D.E. Pratt, G. Kaberlein, A. Dudkiewicz, V. Karande, N. Gleicher *Fertil. Steril.* 1993;60:1001-5.

Publications (continued):

10. "Laparoscopic removal of twin cornual pregnancy after in vitro fertilization" N. Gleicher, V. Karande, D. Rabin, D. Pratt *Fertil. Steril.* 1994;61:1161-62.
11. "Pregnancy after intrauterine insemination with sperm retrieved from the rectum" N. Gleicher, D. Pratt, V. Karande, D. Rabin, A. Dudkiewicz *Fertil. Steril.* 1994;61:554-5.
12. "Wire guide cannulation alone is no treatment of proximal tubal occlusion" N. Gleicher, L. Redding, M. Parrilli, V. Karande, D. Pratt *Human Reproduction* 1994;9:1109-11.
13. "Autoantibody profiles and immunoglobulin levels as predictors of in vitro fertilization success." N. Gleicher, H.C. Liu, A. Dudkiewicz, Z. Rosenwaks, G. Kaberlein, D. Pratt, V. Karande *Am J Obstet Gynecol* 1994;170:1145-1149.
14. "A managed care provider's approach toward mandated infertility coverage: the Illinois Family Building Act." D. Pratt, B.F. Vanderlaan, A. Dudkiewicz, V. Karande, A.L. Widen. *J Assist Reprod Genet.* 1994;11:433-8.
15. "'Benign' tubal spasm?" N. Gleicher, V. Karande, D. Rabin, D. Pratt. *Fertil. Steril.* 1994;62:427-8.
16. "Effect of serum progesterone concentration on pituitary luteinizing hormone release in postmenopausal women." V. Karande, B. Ross, H. Seltman, D. Archer *Menopause* 1994; 1:25-31
17. "The bubble test: A new tool to improve the diagnosis of endometriosis." N. Gleicher, V. Karande, D. Rabin, A. Dudkiewicz, D. Pratt. *Hum Reprod.* 1995;10:923-6.
18. "The limited value of hysterosalpingography in assessing tubal status and fertility potential." V. Karande, D. Pratt, D. Rabin, N. Gleicher. *Fertil. Steril.* 1995;63:1167-71.
19. "Elevated tubal perfusion pressures during selective salpingography are highly suggestive of tubal endometriosis" V. Karande, D. Pratt, R. Rao, M. Balin, N. Gleicher. *Fertil. Steril.* 1995;64:1070-3.
20. "The desire for multiple births in couples with infertility problems contradicts present practice patterns" N. Gleicher, D. Campbell, C.L. Chang, V. Karande, R. Rao, M. Balin, D. Pratt. *Hum Reprod.* 1995;10:1079-84.

Publications (continued):

21. "A prospective randomized comparison between fallopian sperm perfusion and intrauterine insemination for the treatment of infertility" V. Karande, D. Pratt, M. Balin, S. Levrant, R. Morris, N. Gleicher. *Fertility and Sterility* 1995;64:638-640.
22. "Gynecoradiologic uterine resection" N. Gleicher, D. Pratt, S. Levrant, R. Rao, M. Balin, V. Karande. *Human Reproduction* 1995;10:1801-03.
23. "Background pregnancy rates in an infertile population" N. Gleicher, B. VanderLaan, D. Pratt, V. Karande. *Hum Reprod.* 1996;11:1011-2.
24. "The efficacy of "tubal sperm perfusion"?" V. Karande, R. Rao, D. Pratt, M. Balin, S. Levrant, R. Morris, A. Dudkiewicz, N. Gleicher. *Fertil. Steril.* 1996 Letters-to-the-editor 66:169-70.
25. "Infertility treatment dropout and insurance coverage" N. Gleicher, B. Vanderlaan, V. Karande, R. Morris, K. Nadherney, D. Pratt. *Obstet Gynecol* 1996;88:289-93.
26. "What is the radiation exposure to patients during a gynecoradiologic procedure?" V. Karande, D. Pratt, M. Balin, S. Levrant, R. Morris, N. Gleicher. *Fertility and Sterility* 1997;67:401-403.
27. "Evaluation of the functional status of the fallopian tubes with the measurement of tubal perfusion pressures" V. Karande, N. Gleicher. *Hum Reprod. Update* 1996;2:5.
28. "The diagnosis and treatment of proximal tubal disease" N. Gleicher, V. Karande *Hum Reprod.* 1996;11:1825-28.
29. "Limited success using the 'flare' protocol in poor responders in cycles with low basal follicle stimulating hormone levels during in vitro fertilization" V. Karande, R. Morris, J. Rinehart, C. Miller, R. Rao, N. Gleicher. *Fertil. Steril.* 1997;67:900-903.
30. "Lysis of intrauterine adhesions using gynecoradiologic techniques" V. Karande, S. Levrant, R. Hoxsey, J. Rinehart, N. Gleicher. *Fertil. Steril.* 1997;68:658-662.
31. "Cost considerations with infertility therapy: outcome and cost comparison between health maintenance organization and preferred provider organization care based on physician and facility cost" B. VanderLaan, V. Karande, C. Krohm, R. Morris, D. Pratt, N. Gleicher *Hum Reprod.* 1998;13:1200-1205.

Publications (continued):

32. "Prospective randomized trial assessing outcome and cost of IVF as a first choice treatment versus a traditional infertility treatment algorithm" V. Karande, A. Korn, R. Morris, R. Rao, M. Balin, J. Rinehart, K. Dohn, N. Gleicher *Fertil. Steril.* 1999;71:468-75.
33. "Current perspectives on the diagnosis and management of proximal tubal disease" V. Karande *J Obstet Gynaecol India*, 1998.
34. "Resection of uterine septum using gynecoradiologic techniques." V. Karande, N. Gleicher *Hum Reprod.* 1999; 14:1226-9.
35. "Otreotide is not useful for clomiphene citrate resistance in patients with polycystic ovarian syndrome but may reduce the likelihood of ovarian hyperstimulation syndrome". R. Morris, V. Karande, A. Dudkiewicz, J. Morris, N. Gleicher. *Fertil. Steril.* 1999;71:452-6.
36. "Impact of the "physician factor" on pregnancy rates in a large assisted reproductive technology program: do too many cooks spoil the broth"? V. Karande, R. Morris, C. Chapman, J. Rinehart, N. Gleicher. *Fertil. Steril.* 1999;71:1001-9.
37. "A rational approach to the management of low responders in in-vitro fertilization". V. Karande, N. Gleicher. *Hum Reprod.* 1999;14:1744-8.
38. "Role of routine diagnostic laparoscopy in the investigation of infertility". V. Karande. *J Assist Reprod Genet* 1999;16:399-401.
39. "The diameter of the proximal tube – large enough for a single sperm or do you need more?" V. Karande, N. Gleicher. *Fertil. Steril.* 1999;72:950-1.
40. "Generic human menopausal gonadotropin (hMG) in place of more costly follicle-stimulating hormone (FSH) for routine ovulation induction". N. Gleicher and V. Karande. *J Assist Reprod Genet* 2000;17:489-95.
41. "Reducing the risk of high-order multiple pregnancy after ovarian stimulation with gonadotropins". N. Gleicher, D.M. Oleske, I. Tur-Kaspa, A. Vidali, V. Karande. *N Engl J Med.* 2000;343:2-7.

Publications (continued):

42. "Estradiol/progesterone substitution in the luteal phase improves pregnancy rates in stimulated cycles – but only in younger women". N. Gleicher, T. Brown, A. Dudkiewicz, V. Karande, R. Rao, M. Balin, D. Campbell, D. Pratt. *Early Pregnancy* 2000;4:64-73.
43. "Risks of multiple pregnancy – the decision belongs to whom?" N. Gleicher, A. Vidali, V. Karande. *Fertil. Steril.* 2001;76:423-4.
44. "The immunological 'War of the Roses': disagreements amongst reproductive immunologists". N. Gleicher, A. Vidali, V. Karande. *Hum Reprod.* 2002;17:539-42.
45. "A prospective randomized comparison of the Wallace catheter and the Cook Echo-Tip[®] catheter for ultrasound-guided embryo transfer". V. Karande, D. Hazlett, M. Vietzke, N. Gleicher. *Fertil. Steril.* 2002;77:826-30.
46. "Gender selection for nonmedical indications". N. Gleicher, V. Karande. *Fertil Steril* 2002;78:460-62.
47. "Administration of recombinant human FSH (solution in cartridge) with a pen device in women undergoing ovarian stimulation". Pang S, Kaplan B, Karande V, Westphal LM, Scott R, Givens C, Sacks P. Follistim Pen trade mark COH Study Group *Reprod Biomed Online* 2003;7:319-26.
48. "Use of recombinant FSH in infertility treatment". S. Klipstein, W. Latash, M. Vietzke, V. Karande. *Br J of Reproductive Medicine and Surgery* December, 2004.
49. Impact of EmbryoGlue as the embryo transfer medium. William David Hazlett, Liza R. Meyer, Tricia E. Nasta, Patricia A. Mangan, Vishvanath C. Karande. *Fertil Steril* 2008;90:214-216.
50. Does technique matter? The effect of blastomere biopsy technique on pregnancy rates (PR) and implantation rates (IR) during a preimplantation genetic screening (PGS) cycle. L.R. Meyer, W.D. Hazlett, T. Nasta, S. Klipstein, V.C. Karande *Embryology*, 2011

Abstracts:

1. V. Karande. "Deliveries Following Previous Cesarean Section" at the All India Ob/Gyn Conference, Pune, India 1981
2. V. Karande. "Postdates Pregnancy" at the Bombay Ob/Gyn Society Conference, Bombay, India 1982
3. V. Karande. "Laparoscopic Evaluation of Chronic Pelvic Pain" at the Asian Association of Gynecologic Endoscopy Conference, Bombay, India 1983
4. V. Karande. "Coital Factor in Infertility" at the Bombay Ob/Gyn Society Conference, Bombay, India. 1983
5. V. Karande. "Comparison of three C.A.S.A. approaches to semen analysis" Society for Gynecologic Investigation Meeting, San Diego, California, March 1989
6. V. Karande. "Ovarian cysts at the time of in vitro fertilization do not effect ipsilateral or contralateral ovarian performance" Annual Meeting of The American College of Ob/Gyn, Atlanta, Georgia, May 1989.
7. V. Karande. "Pituitary luteinizing hormone secretion: Effect of different concentrations of serum estradiol-17 β in post-menopausal women." "Multidisciplinary Perspectives On Menopause" conference sponsored by The North American Menopause Society and the New York Academy of Sciences, New York, New York, September 1989
8. R.T. Scott Jr., V. Karande, D.F. Archer. "Acute changes in serum estradiol concentrations do not elicit changes in serum osteocalcin concentrations" presented at the "Multidisciplinary Perspectives On Menopause" conference sponsored by the North American Menopause Society and the New York Academy of Sciences, New York, New York, September 1989
9. V. Karande. "The value of high dosage follicle stimulating hormone stimulation at the onset of the menstrual cycle for in vitro fertilization in low responder patients" presented at the 45th Annual Meeting of The American Fertility Society, San Francisco, California, November 1989
10. V. Karande. "Analysis of ectopic pregnancies resulting from in vitro fertilization and embryo transfer" 45th Annual Meeting of The American Fertility Society, San Francisco, California, November 1989

Abstracts (continued):

11. V. Karande. "Hyperactivation is a predictor of human sperm performance during in vitro fertilization" Oral presentation at the Annual Meeting of the American Andrology Society in Columbus, South Carolina, April 1990
12. V. Karande. "Confirmation that Tyr-O-Antide has a long term suppression of LH secretion similar to Antide" the Annual Meeting of the Society for Gynecologic Investigation, St. Louis, Missouri, March 1990
13. V. Karande. "Are implantation and pregnancy outcome impaired in Diethylstilbestrol (DES)-exposed women after in vitro fertilization and embryo transfer (IVF-ET)?" the Annual Meeting of the American College of Ob/Gyn, San Francisco, California, May 1990
14. V. Karande. "Effect of progesterone on the estradiol induced luteinizing hormone surge in post-menopausal Women" Oral presentation at the 46th Annual Meeting of The American Fertility Society, Washington, DC, October 1990.
15. V. Karande. "The donor oocyte program at Norfolk: An update" Presented at the 46th Annual Meeting of The American Fertility Society, Washington, DC, October 1990
16. J.P. Toner, V. Karande, C. Philput, S.J. Muasher, G.E.S. Jones. "Basal follicle stimulating hormone level is a better predictor of in vitro fertilization performance than age" First Prize presentation, Society for Assisted Reproductive Technology, at the 46th Annual Meeting of The American Fertility Society, Washington, DC, October 1990
17. N. Gleicher, M. Parrilli, V. Karande, A. Dudkiewicz, D. Pratt. "Is prematurity due to multiple conceptions and implantation problem?" (Abstract O-080) Program Supplement p S39 50th Annual Meeting of The American Fertility Society, San Antonio, Texas, November 5-10, 1994
18. V. Karande. "Outcome assessment in infertility therapy: patient dropout rate after initial consultation." (Abstract P-316) Program Supplement p S232. Idem
19. V. Karande, D. Pratt, D. Rabin, N. Gleicher. "Elevated tubal perfusion pressures (TP) during selective salpingography (SS) are highly suggestive of tubal endometriosis" (Abstract P-331) Program Supplement p S240. Idem

Abstracts (continued):

20. V. Karande, D. Rabin, A. Dudkiewicz. "Abnormalities in IgG subclasses in a female infertility population with gammaglobulinemias" (Abstract P-346) Program Supplement p S247. Idem
21. V. Karande, D. Pratt, A. Dudkiewicz, N. Gleicher. "Estradiol/progesterone substitution in the luteal phase improves pregnancy rates in stimulated cycles." (Abstract OC208). JARG supplement 12:78S. IX th World Congress on In Vitro Fertilization and Assisted Reproduction, Vienna, Austria, April 3-7, 1995
22. R. Morris, N. Gleicher, D. Pratt, A. Dudkiewicz, V. Karande, S. Levrant, B. Minhas. "Egg factor: Is intracytoplasmic sperm injection (ICSI) efficacious therapy?" (Abstract OC225) JARG supplement 12:83S. Idem.
23. A. Dudkiewicz, G. Kaberlein, L. Favero, M. Novotny, D. Pratt, V. Karande, S. Levrant, R. Morris, B. Minhas, N. Gleicher. "Do increasing sperm concentrations effect abnormal fertilization rates within current IVF stimulation regimens?" (Abstract OC84) JARG supplement 12:47S. Idem
24. V. Karande, D. Pratt, R. Rao, M. Balin, R. Morris, S. Levrant, N. Gleicher. "What is the radiation exposure to patients during a gynecoradiologic procedure?" The Gynecoradiology Society Meeting at 51st Annual Meeting of the American Society for Reproductive Medicine, Seattle, Washington, October 7-12, 1995
25. R. Morris, N. Gleicher, D. Pratt, A. Dudkiewicz, V. Karande, S. Levrant, B. Minhas. "Intracytoplasmic sperm insertion is only beneficial when fertilization failure is due to sperm defects." (Abstract O-160) 51st Annual Meeting of the American Society for Reproductive Medicine, Seattle, Washington, October 7-12, 1995
26. V. Karande, J. Rinehart, D. Pratt, N. Gleicher. "Is the inadvertent administration of leuprolide acetate in early human pregnancy truly associated with normal outcomes?" (Abstract P-34) 44th Annual Meeting of the Pacific Coast Fertility Society, Indian Wells, California. April 17-21, 1996

Abstracts (continued):

27. R. Rao, V. Karande, M. Balin, S. Levrant, D. Pratt, R. Ferguson, N. Gleicher. "The association of cytomegalovirus with immunological abnormalities in a female infertility population undergoing ART" (Abstract O-039) 52nd Annual Meeting of the American Society for Reproductive Medicine, Boston, Massachusetts. November 2-6, 1996
28. N. Gleicher, V. Karande, D. Pratt, R. Morris, B. Vanderlaan. "Surgical utilization and outcome in infertile HMO- and PPO-populations" (Abstract O-171). Idem
29. S. Levrant, R. Ferguson, J. Rinehart, V. Karande, D. Pratt, R. Rao, M. Balin. "Multivariate logistic analysis of factors predictive of clinical pregnancy in women undergoing gonadotropin ovulation induction" (Abstract P-387). Idem
30. V. Karande, J. Rinehart, C. Miller, R. Rao, M. Balin, S. Levrant, R. Morris, N. Gleicher. "Resection of intra-uterine adhesions using gynecoradiologic techniques." The Gynecoradiology Society Meeting at the 52nd Annual Meeting of the American Society for Reproductive Medicine, Boston, Massachusetts. November 2-6, 1996
31. V. Karande, R. Morris, C. Jankowski, N. Gleicher "Fluoroscopic evaluation of an infertile population using a state-of-the-art computerized system including tubal catheterization and measurement of tubal perfusion pressures." 1997 Annual meeting of the Pacific Coast Fertility Society, Indian Wells, California April 10 - 13, 1997
32. V. Karande, R. Morris, J. Rinehart, C. Miller, R. Rao, N. Gleicher "Improved pregnancy rate in poor responder patients with cessation of gonadotropin-releasing hormone agonist down-regulation prior to stimulation with high dosage of gonadotropins." Oral presentation at the 10th World Congress on In Vitro Fertilization and Assisted Reproduction, Vancouver, B.C., Canada, May 24 -28, 1997
33. V. Karande, J. Rinehart, R. Morris, N. Gleicher "Does the clomiphene citrate test have any value in screening poor responder patients undergoing IVF-ET?" 10th World Congress on In Vitro Fertilization and Assisted Reproduction, Vancouver, B.C., Canada, May 24 -28, 1997
34. V. Karande, A. Korn, R. Morris, R. Rao, M. Balin, J. Rinehart, B. Lerner, K. Dohn, N. Gleicher "A prospective randomized trial, assessing outcome and cost of IVF as a first choice treatment versus a traditional infertility treatment algorithm." Oral presentation

Abstracts (continued):

- nominated for the General Program Prize at the 53rd Annual meeting of the American Society for Reproductive Medicine, Cincinnati, Ohio, October 18-22, 1997
35. S. Levrant, L. Wang, C. Coulam, B. Lerner, C. Miller, J. Rinehart, V. Karande, D. Pratt, N. Gleicher “Evidence for Human Leucocyte Antigen DQA1 association with endometriosis.”
Idem
 36. V. Karande , R. Morris, C. Chapman, J. Rinehart, N. Gleicher “Impact of “physician factor” on pregnancy rates in a large assisted reproductive technologies program – Do too many cooks spoil the broth?” Oral presentation at the 46th Annual Meeting of the Pacific Coast Fertility Society, Indian Wells, California, April 22-26, 1998.
 37. R. Morris, V. Karande, N. Gleicher. Octroetide does not improve ovarian response in patients with polycystic ovarian disease, but may reduce the incidence of ovarian hyperstimulation syndrome. Idem
 38. V. Karande, N. Gleicher Resection of uterine septum using gynecoradiologic techniques. 14th Annual Meeting of the European Society of Human Reproduction and Embryology, Goteborg, Sweden, June 21-24, 1998
 39. V. Karande, C. Coulam, R. Morris, N. Gleicher. “A prospective blinded comparison between gynecoradiologic and endoscopic techniques for the evaluation of the pelvic structures” Oral presentation at the 54th Annual Meeting of the American Society for Reproductive Medicine, San Francisco, California, October, 1998.
 40. V. Karande, C. Jankowski, N. Gleicher. “In-office resection of uterine septum and lysis of intra-uterine adhesions using scissors under fluoroscopic control.” Poster presentation.
Idem
 41. V. Karande, C. Chapman, N. Gleicher. “Is there any value in splitting sibling oocytes between intracytoplasmic sperm injection (ICSI) and conventional intro fertilization?”
Poster presentation at the 55th Annual Meeting of the American Society for Reproductive Medicine, Toronto, Canada, September, 1999.
 42. V. Karande, C. Chapman, N. Gleicher. “A prospective evaluation of the value of blastocyst transfer in low responders undergoing IVF-ET”. Poster presentation. Idem.

Abstracts (continued):

43. N. Gleicher, J. Rinehart, D. Pratt, R. Morris, R. Rao, M. Balin, V. Karande. “How does female age effect medication utilization of IVF?” Poster presentation. Idem.
44. N. Gleicher, G. Kaberlein, J. Rinehart, R. Morris, D. Pratt, R. Rao, M. Balin, V. Karande. “High-order multiples, a preventable complication of controlled ovarian stimulation with gonadotropins?” Poster presentation. Idem.
45. C. Chapman, V. Karande, J. Rinehart, N. Gleicher. “Does the production of supernumerary embryos predict outcome after day3 ET?” Poster presentation. Idem.
46. N. Gleicher, J. Rinehart, D. Pratt, R. Morris, R. Rao, M. Balin, V. Karande. “Definition of high-order multiple pregnancies with ovarian stimulation by gonadotropins”. Oral presentation. Idem.
47. D. Pratt, C. Coulam, V. Karande, N. Gleicher. “What are the true cumulative pregnancy rates of patients entering a standard treatment algorithm for infertility?” Oral presentation. Idem.
48. N. Gleicher, D. Oleske, I. Tur-Kaspa, A. Vidali, V. Karande. “Criteria for the prevention of high order multiple births following ovulation induction with gonadotropins.” Oral presentation. 56th Annual Meeting of the American Society for Reproductive Medicine October 21 – 26, 2000, San Diego, California.
49. I. Tur-Kaspa, C. Chapman, V. Karande, D. Hazlett, W. Skoog, N. Gleicher. “Can we predict patient’s chance to conceive at the time of embryo transfer?” Poster presentation. Idem
50. N. Gleicher, I. Tur-Kaspa, A. Vidali, V. Karande. “The changing practice pattern of infertility care in the U.S.” Poster presentation. Idem
51. V. Karande, C. Zaloudek, D. Hazlett, M. Vietzke, N. Gleicher. “Confirmation that limiting the number of transferred embryos to 2 in an unselected population of patients under age 35 minimizes high-order multiples without significantly impacting success rates.” Oral presentation. 57th Annual Meeting of the American Society for Reproductive Medicine October 20 – 25, 2001, Orlando, Florida.
52. V. Karande, C. Zaloudek, M. Vietzke, D. Hazlett, N. Gleicher. “A prospective randomized comparison of the Wallace catheter and the Cook Echo-tip catheter during ultrasound-guided embryo transfer” Oral presentation. Idem

Abstracts (continued):

53. M. Vietzke, L. Lichtenwalner, V. Karande. “Is it reasonable to convert cancelled IVF cycles to IUI cycles?” Oral presentation. Idem
54. M. Vietzke, K. Jobanputra, V. Karande. “Is Ganirelix acetate appropriate with low responder in vitro fertilization patients?” Poster presentation. Idem
55. W. Hazlett, V. Karande, M. Vietzke. “How many embryos should be transferred: Is 3 better than 2?” Poster presentation. 58th Annual Meeting of the American Society for Reproductive Medicine October 12 – 17, 2002, Seattle, Washington.
56. P. Mangan, D. Hazlett, V. Karande, T. Nasta. “Impact on embryo quality when adding LH (hMG) in microdose Lupron stimulation of low responders.” Poster presentation. Idem
57. W. Hazlett, V. Karande, K. Jobanputra, M. Vietzke. “Media comparison: In Vitro Care and Irvine Scientific.” Poster presentation. Idem
58. A.J. Rodriguez, A.S. Lifchez, B.R. Witt, G.M. Scholl, V.C. Karande, D.C. Marshall. “Evaluation of mixed protocols with Bravelle (hFSH) and Repronex (hMG) to assess clinical efficacy (EMBRACE): A comparison of patients 18-33 years and 34-40 years undergoing in vitro fertilization”. Oral presentation. 59th Annual Meeting of the American Society for Reproductive Medicine October 11-15, 2003, San Antonio, Texas.
59. Self-administration of Follistim® AQ (in cartridge) in women undergoing controlled ovarian hyperstimulation (COH): ease of use, safety, and efficacy of the Follistim Pen™ S. Pang, B. Kaplan, V. Karande, L.M. Westphal, R. Scott, C. Givens, P. Sacks. Oral presentation. Idem.
60. M. Vietzke, T. Birkencamp, J. Cavanaugh, C. Costa, V. Karande. “Follicular development is more dependent on day 3 FSH levels rather than age. Poster presentation. Idem.
61. D. Hazlett, L. Meyer, V. Karande, T. Nasta, P. Mangan. “Prospective randomized evaluation of the impact of using EmbryoGlue® for the transfer medium in a non-selected group of patients”. Poster presentation. 20th Annual meeting of the European Society of Human Reproduction and Embryology. June 27 – 30, 2004, Berlin, Germany.
62. V. Karande, W. Latash, T. Birkencamp, J. Cavanaugh, K. Melone, D. Hazlett. “Preliminary report of a prospective randomized controlled trial comparing the use of NuvaRing to

Abstracts (continued):

- Desogen in in vitro fertilization cycles with Ganirelix acetate”. Oral presentation. 60th Annual meeting of the American Society for Reproductive Medicine. October 16-21, 2004, Philadelphia, Pennsylvania.
63. T. Birkencamp, W. Latash, J. Moroniak, J. Cavanaugh, V. Karande. “Initiation of GnRH agonist downregulation during the follicular phase produces more ovarian cysts than a luteal phase start in in vitro fertilization cycles. Oral presentation. Idem.
64. D. Hazlett, V. Karande, P. Mangan, L. Meyer, T. Nasta. “Significance of an estradiol plateau or drop following the GnRH-antagonist Antagon administration in patients stimulated with recombinant FSH. Poster presentation. Idem.
65. EmbryoGlue® and its Impact on Pregnancy and Implantation Rates in Normal and Low Responding IVF Patients. W.D. Hazlett, L. Meyer, T. Nasta, P. Mangan, V.C. Karande Fertil Steril 2005;84:S375-376 Poster presentation. 61st Annual meeting of the American Society for Reproductive Medicine. October 14-19, 2005, Montreal, Quebec, Canada.
66. Neither subchorionic hematomas nor vaginal bleeding predict poor outcomes following in vitro fertilization cycles once fetal heart tones have been detected. S. Klipstein, N.M. Cioni, L. Meyer, V.C. Karande. Fertil Steril 2006;86:S470-471. Poster presentation. 62nd Annual meeting of the American Society for Reproductive Medicine. October 21-25, 2006, New Orleans, Louisiana.
67. Does pre-implantation genetic diagnosis (PGD) improve cycle outcome in the “good prognosis” patient? L.R. Meyer, D. Hazlett, T. Nasta, P. Mangan, S. Klipstein, V. Karande. Fertil Steril 2006;86:S72.
68. Anti-mullerian hormone levels correlate with number of oocytes retrieved and pregnancy outcome in IVF V. Karande, S. Klipstein, W.D. Hazlett, S.L. Beckman, L.R. Meyer Fertil Steril 2008;90:S418 Poster presentation. 64th Annual meeting of the American Society for Reproductive Medicine. November 8–12, 2008. San Francisco, California.

Abstracts (continued):

69. Does technique matter? The effect of blastomere biopsy technique on pregnancy rates (PR) and implantation rates (IR) during a preimplantation genetic screening (PGS) cycle. L.R. Meyer, W.D. Hazlett, T. Nasta, S. Klipstein, V.C. Karande Fertil Steril 2008;90:S79-80. Oral presentation. Idem.

Invited Speaker (1997 – present)

1. Post-graduate course sponsored by the GynecoRadiology Society at the 53rd Annual meeting of the American Society for Reproductive Medicine, Cincinnati, Ohio, October 18-22, 1997
2. “Evaluation of the functional status of the fallopian tubes using measurement of tubal perfusion pressures” at the International Conference on the Fallopian Tubes, Sponsored by Bombay Hospital, Bombay, India, February, 1998
3. “Gynecoradiologic procedure” Idem
4. Live satellite transmission on the demonstration of “GynecoRadiologic Procedure” from Glenview, Illinois to Bombay, India, Idem
5. “Use of GynecoRadiological techniques for the evaluation of pelvic structures” St. Thomas’ Hospital, London, United Kingdom, February, 1998
6. “Use of GynecoRadiological techniques for the evaluation of pelvic structures” St. Georges’ Hospital, London, United Kingdom, February, 1998
7. “Assisted Reproduction – can we afford it?” at the “IVF – Hot Topics” course sponsored by the Center for Human Reproduction and the University of Illinois at Chicago, Chicago, Illinois, March, 1998.
8. “Recent Advances in Infertility Treatment” Grand Rounds speaker at Northern Illinois Medical Center, McHenry, Illinois, April 1998.
9. Post-graduate course sponsored by the Imaging in Reproductive Medicine Special Interest Group at the 54th Annual meeting of the American Society for Reproductive Medicine, San Francisco, California, October, 1998
10. “Use of X-rays in Infertility” Grand Rounds Speaker. University of Southern Florida, Tampa, Florida, January, 1999.

Invited speaker (continued):

11. "Use of X-rays in Infertility" Grand Rounds Speaker. Rush University, Chicago, Illinois, March, 1999.
12. "Recent Advances in Infertility Treatment" Grand Rounds Speaker at the St. Alexius Medical Center, Hoffman Estates, Illinois, March, 1999.
13. "Recent Advances in Infertility Treatment" Grand Rounds Speaker at Alexian Brothers Medical Center, Elk Grove Village, Illinois, April, 1999.
14. "Recent Advances in Infertility Treatment" Grand Rounds Speaker at Sherman Hospital, Elgin, Illinois, May, 1999.
15. "Optimizing treatment protocols" Grand Rounds Speaker. Center for Human Reproduction, Chicago, Illinois, June 1999.
16. "Optimizing treatment protocols" Invited speaker at a meeting sponsored by Serono Laboratories, Key Largo, Florida, November, 1999.
17. "Optimizing treatment protocols" Invited speaker at a meeting sponsored by Serono Laboratories, Vancouver, Canada, March, 2000.
18. "Side Effects of Fertility Medications" Invited speaker at the Annual Meeting of Resolve, Chicago chapter, April, 2000.
19. "Can multiple pregnancies be prevented?" Invited speaker at a meeting sponsored by Serono Laboratories, Hoffman Estates, Illinois.
20. "Is IVF appropriate as first-line therapy for the treatment of infertility?" Grand Rounds Speaker. Northwestern University, Chicago, Illinois. June, 2000.
21. "Is IVF appropriate as first-line therapy for the treatment of infertility?" Grand Rounds Speaker. Center for Human Reproduction, New York, NY. August, 2000.
22. "Prevention of multiple pregnancies by limiting the number of embryos transferred" Chicago Area Reproductive Endocrinologists, Chicago, Illinois, September, 2000.
23. Chairman. Post-graduate course sponsored by the Imaging in Reproductive Medicine Special Interest Group at the 56th Annual meeting of the American Society for Reproductive Medicine, San Diego, California, October, 2000.

Invited Speaker (continued):

24. "Ultrasound-guided embryo transfer" Post-graduate course sponsored by the Imaging in Reproductive Medicine Special Interest Group at the 56th Annual meeting of the American Society for Reproductive Medicine, San Diego, California, October, 2000.
25. "X-rays in Reproductive Medicine" Post-graduate course sponsored by the Imaging in Reproductive Medicine Special Interest Group at the 56th Annual meeting of the American Society for Reproductive Medicine, San Diego, California, October, 2000.
26. "Pelvic Pain" Grand Rounds Speaker. Center for Human Reproduction, Chicago, Illinois, February, 2001.
27. "Recent Advances in Infertility Treatment" Grandrounds Speaker. Center for Human Reproduction. September, 2001
28. V. Karande, C. Zaloudek, D. Hazlett, M. Vietzke, N. Gleicher. "Confirmation that limiting the number of transferred embryos to 2 in an unselected population of patients under age 35 minimizes high-order multiples without significantly impacting success rates." Chicago Area Reproductive Endocrinologist Meeting, September 2001.
29. V. Karande, C. Zaloudek, M. Vietzke, D. Hazlett, N. Gleicher. "A prospective randomized comparison of the Wallace catheter and the Cook Echo-tip catheter during ultrasound-guided embryo transfer". Idem
30. "Recent Advances in Infertility Treatment" Grandrounds Speaker. Northwest Community Hospital, November 2001
31. "Infertility treatment – whats new?" Grandrounds Speaker. McNeal Hospital, University of Chicago, February 2002
32. "Recent Advances in Infertility Treatment" Grandrounds Speaker. Lake Forest Hospital, April 2002
33. "New treatment options in Infertility Therapy" Grandrounds Speaker. West Suburban Hospital, April 2002
34. "Recent Advances in Infertility Treatment" Grandrounds Speaker. Southern California Center for Reproductive Medicine at "Spago", Beverly Hills, CA. July 2002

Invited Speaker (continued):

35. “Clinical experience with GnRH-antagonists” Sticks and Stones Restaurant, Milwaukee, WI.
Meeting sponsored by Organon Pharmaceuticals, October 2002.
36. “Recent Advances in Infertility Treatment” Grandrounds Speaker. St. Alexius Medical Center, Hoffman Estates, IL 60194. March 2003.
37. “Optimizing IVF success rates using GnRH-antagonists” San Diego Reproductive Endocrinology Society. April, 2004.
38. “Optimizing IVF success rates using GnRH-antagonists” Richmond Reproductive Endocrinology Society. June, 2004.
39. “Endometriosis” Plenary session lecture at the World Congress on Practical Infertility Management and Human Reproduction, November 19 – 21, 2004, Mumbai, India.
40. “Fertility enhancing endoscopic surgery: symposium”. Idem.
41. “Improving the results in ART: panel discussion”. Idem.
42. “Prospective randomized comparison of NuvaRing® to Desogen® in IVF cycles with ganirelix acetate”. Short communication. The Vth Indian Congress: India 2004, Khaju Raho, India. November 25-28, 2004.
43. “GnRH antagonist use in recombinant IVF stimulation protocols”. Idem.

Book Chapters

1. V. Karande, N. Gleicher. "Selective Salpingography" in Brosens and Wamsteker (eds) : Diagnostic Pelvic Imaging in Gynecology. W.B. Saunders, London, U.K. 1997.
2. V. Karande. "Vaginosonography in Assisted Reproductive Technologies" in Allahabadia (ed) : Textbook of Ultrasound in Obstetrics and Gynecology. Jaypee Brothers Publication, Bombay, India. 1998.
3. V. Karande. "Patient selection and management to optimize success in an intra-uterine insemination program" in Allahabadia (ed): "Intra-uterine insemination". Jaypee Brothers Publication, Mumbai, India. 1999.
4. V. Karande "Ultrasound-guided Embryo Transfer Update" Textbook with the presentations International Conference on IVF, Goa, India. 2001.
5. V. Karande, N. Gleicher "IVF in humans: technologies for oocyte retrieval, in vitro insemination and embryo transfer" in A. Ravelli, I. Tur Kaspa, J Gunnar Holte, M. Massobrio (ed.) "Biotechnology of Human Reproduction" 2003, pp 161-172.
6. V. Karande. "Complications of Infertility Management" in D. Shah and G. Allahbadia (ed.) "Practical infertility management". Obstetrics and Gynecology in Perspective Series Editors U.R. Krishna and N.K. Sheriar. Orient Longman, Chennai, India. 2002.
7. V. Karande. "Strategies for patients who respond poorly to standard IVF therapy: A review of options". Treatments in Endocrinology. Adis International. New Zealand. 2003.
8. V. Karande. "Ultrasound-guided embryo transfer" in V. Karande (ed.) "Imaging in Reproductive Medicine". Infertility and Reproductive Medicine Clinics of North America. Series Editors A. DeCherney, M. Diamond. Elsevier Science, Philadelphia, PA. April 2003, pp293-309.
9. V. Karande. "The patient with previous pelvic irradiation" in Khaldoun Sharif and Arri Coomarasamy (ed.) "Assisted reproduction techniques: Management challenges". Blackwell Publishing Ltd. pp 68-71. In press
10. V. Karande. "Suspected ectopic pregnancy after IVF" in Khaldoun Sharif and Arri Coomarasamy (ed.) "Assisted reproduction techniques: Management challenges". Blackwell Publishing Ltd. pp 387-390. In press

Book Chapters (continued)

11. V. Karande. “Patient selection and management to optimize success in an intra-uterine insemination program” in Allahabadia (ed): “Intra-uterine insemination”. Jaypee Brothers Publication, Mumbai, India. In press.

Member:

1. Fellow, American College of Obstetrics and Gynecology.
2. Member, American Society for Reproductive Medicine.
3. Member, Society of Reproductive Endocrinology & Infertility.
4. Member, Chicago Area Reproductive Endocrinologists.
5. Member, Imaging in Reproductive Medicine Special Interest Group American Society for Reproductive Medicine.

Reviewer:

1. Human Reproduction.
2. Fertility and Sterility.
3. Reproductive BioMedicine Online
4. Journal of Obstetrics and Gynaecology of India.