

**1999-2000
SUMMARY OF SCHOLARLY ACTIVITIES
DEPARTMENT OF OBSTETRICS AND GYNECOLOGY**

I. ARTICLES PUBLISHED IN BOOKS AND JOURNALS

A. Full length published articles.

M. Abuzeid, M. Ashraf, L. Gore, H. Chehata, and B Rizk. Resistant Unilateral Hydrothorax as the Sole Manifestation of Ovarian Hyperstimulation Syndrome. Middle East Fertil. Soc. J. 5,432-438 (2000).

O.D. Almeida, Jr., and B. Rizk. Microlaparoscopic Ovarian Drilling in the Surgical Management of Polycystic Ovarian Syndrome. IN: O.D. Almeida (Ed.) Microlaparoscopy. Wiley-Liss, New York, pp. 87-90 (2000).

R. Fisher, R.H. Esham, and I.H. Thorneycroft. Scoliosis Associated With Mayer-Rokitansky-Kuster-Hauser Syndrome. South. Med. J. 93:243-46 (2000).

L.J. Groome, D.M. Mooney, S.B. Holland, Y.D. Smith, J.L. Atterbury, and R.A. Dykman. Temporal Pattern and Spectral Complexity as Stimulus Parameters for Eliciting a Cardiac Orienting Reflex in Human Fetuses. Percept. Psychophys. 62:313-320 (2000).

W.E. Gibbons and I.H. Thorneycroft. Protecting the Endometrium. J. Reprod. Med. Vol. 44, No. 2 (Supplement), pp. 203-208 (1999).

A.M. Hossain, S. Barik, B. Rizk, B. Kulkarni, and I.H. Thorneycroft. Analysis of *In Vitro* Migration Patterns of Human Spermatozoa by a Petri Dish-Based Horizontal Column. Biol. Reprod. 61(2): 406-410 (1999).

T.L. Lauderdale, L. Landers, I.H. Thorneycroft, and K. Chapin. Comparison of the PACE 2 Assay, Two Amplification Assays, and Clearview EIA for Detection of Chlamydia Trachomatis in Female Endocervical and Urine Specimens. J. Clin. Microbiol. 37:2223-29 (1999).

M.B. Munn, C.G. Brumfield, Y. Lau, and C. Colvin. Hypoplastic Left Heart Syndrome - Diagnosis and Outcomes. J. Matern. Fetal Med. 8:147-150 (1999).

B. Rizk. Microlaparoscopy in Evaluation of the Infertile Patient. IN: O.D. Almeida, Jr. (Ed.) Microlaparoscopy. Wiley-Liss, New York, pp. 69-77 (2000).

B. Rizk. Current Techniques and New Frontiers in Cryopreservation. IN: Practical Infertility Management-Inviting Success. Usha Kirshna and Nozer Sheriar (Series Eds.); Duru Shah and Gautam Allahbadia (Guest Eds.) Orient Longman Limited, India, pp. 69-81 (2000).

B. Rizk. Laparoscopic Ovarian Drilling for Surgical Induction of Ovulation in Polycystic Syndrome. IN: Gautam Allahbadia (Ed.) Manual of Ovulation Induction. Orient Longman Limited, India, pp. 88-93 (2000).

B. Rizk and H. Chehata. Hyperprolactinemia, an Algorithm for Clinical Management. Middle East Fertil. Soc. J. 5, 367-3 (2000).

B. Rizk. Laparoscopic Ovarian Drilling for Surgical Induction of Ovulation in Polycystic Syndrome. IN: Gautam Allahbadia (Ed.) Manual of Ovulation Induction. Orient Longman Limited, India, pp. 88-93 (2000).

M. Sassy, M. Abuzeid, and **B. Rizk**. High Fetal Wastage in Women Exposed to Gonadotropin Releasing Hormone Agonist During Early Pregnancy Could Be Related to Length of Exposure. Middle East Fertil. Soc. J. 5, 411-419 (2000).

I. H. Thorneycroft and **B. Rizk**. Oral Contraception in Women at Risk of Arterial Disease. IN: Stephen Killick (Ed.) Oral Contraception. Martin Dunitz Limited, Blackwell Science, London, England, pp. 45-72 (2000).

I.H. Thorneycroft. Update on Androgenicity. Am. J. Obstet. Gynecol. 180:288-94 (1999).

I.H. Thorneycroft. Breast Cancer and Estrogen Replacement Therapy. B.A. Eskin (Ed.) The Menopause: Comprehensive Management, Fourth Edition. The Parthenon Publishing Group, New York and London, pp. 287-297 (2000)

I.H. Thorneycroft and **B.M. Rizk**. Women At Risk of Arterial Disease. Stephen Killick (Ed.) Contraception in Practice. Martin Dunitz Ltd, The Livery House, London, pp. 49-76 (2000)

I.H. Thorneycroft. New Pills/New Progestins. Contraception, Vol. 11, No. 4, pp. 515-529 (2000).

R.R. Yeoman, L.M. Crews, D.B. Zimmer, K.D. Dahl, **B. Rizk**, and C.R. Abee. Elevated Ovarian Expression and Serum Concentration of Alpha Inhibin in the Luteal Phase During Follicular Development in the Squirrel Monkey (*Saimiri boliviensis*) Compared to the Human. Am. J. Primatol. 47(2):165-179 (1999).

B. Articles in press

L.J. Groome, P.C. Loizou, S.B. Holland, D.J. Law, D.M. Mooney, and R.A. Dykman. Fetuses and Neonates Have Different Heart Rate Responses to Low-Intensity Stimulation in Quiet Sleep. *Infant Behav. Dev.* (2000).

B. Rizk. Ovarian Hyperstimulation Syndrome. IN: Paul Serhal and Caroline Overton (Eds.) *Good Practice in Assisted Conception*. Cambridge University Press, Cambridge, UK (2000).

I.H. Thorneycroft, F.Z. Stanczyk, K.D. Bradshaw, S.A. Ballagh, M. Nichols, and M.D. Weber. Effect of Low-Dose Contraceptives on Androgenic Markers and Acne. *Contraception* (2000).

II. **PUBLISHED ABSTRACTS**

A.M. Hossain, S. Barik, B. Rizk, and I.H. Thorneycroft. Pattern of DNA Amplification in Human and Bull Sperm by Amilogenin Gene Specific Primers. 24th Annu. Mtg., Am. Soc. Androl., J. Androl. Suppl., Abstr. #72, p. 43 (1999).

A. Hossain, B. Rizk, W. Korzun, and I. Thorneycroft. Individual Variation in Biochemical Properties of Follicular Fluid (FF) of Lead Follicles From IVF. Conjoint Annu. Mtg., Am. Soc. Reprod. Med. and Can. Fertil. Androl. Soc., Abst. Sci. Oral and Poster Sess., Fertil. Steril. Prog.Suppl., S-116-117, p. 082 (1999).

A. Hossain, S. Barik, B. Rizk, and I.H. Thorneycroft. Potential of Expanding Hypo-osmotic Swelling (HOS) Test From Andrology to Embryology: A Novel Indication. Conjoint Annu. Mtg., Am. Soc. Reprod. Med. and Can. Fertil. Androl. Soc., Abst. Sci. Oral and Poster Sess., Fertil. Steril. Prog.Suppl., S-71-72, pp. 0-185 (1999).

B Rizk. Assisted Reproductive Technology in the New Millenium. Conjoint Annu. Mtg., Am. Soc. Reprod. Med. and Can. Fertil. Androl. Soc., Middle East Fertil. Soc. Symp. Published by Middle East Fertil. Soc. J., Vol. 4; Suppl. 2, pp.18-19 (1999).

B. Rizk. Assisted Reproductive Technology: A Glimpse From the Past and Challenges of the Future. Am. Assn. Clin. Chem. 52nd Annu. Mtg., Abstr., EduTrak Sess. and Sci. Posters, Clin. Chem. Vol. 46, No. 6, S23 (2000).

B.Rizk. (1) Selective Estrogen Receptor Modulators, 6, S 23-24; and (2) Embryo Transfer Techniques, 6, S11-12. Middle East Fertil. Soc. 6th Annu. Mtg., Abstr. Sci. and Oral Presentations, Middle East Fertil. Soc. J. Suppl. (2000).

I.H. Thorneycroft. Adding a Wrist DEXA to a Routine Hip and Spine DEXA Increases the Probability of an Abnormal X-Score. Proc., 11th Annu. Mtg., North Am. Menopause Soc., Abstr. 00.063 (2000)

A.M. Hossain, S. Barik, B.M. Rizk, and I.H. Thorneycroft. Pattern of DNA Amplification in Human and Bull Sperm by Amilogenin Gene Specific Primers. Proc., 24th Annu. Mtg., Am. Soc. Androl., Abstr. 72 (1999)

III. BOOKS PUBLISHED

A. Hossam and B. Rizk (Eds.) Endometriosis, Second Edition. Health Press, Oxford, England (2000).

A. Hossam and B. Rizk (Eds.) Assisted Reproductive Technology. Health Press, Oxford, England (2000).

A. Hossam and B. Rizk (Eds.) General Infertility. Health Press, Oxford, England (In Press).

A. Hossam and B. Rizk (Eds.) A Textbook of Infertility From Basic Science to Clinical Research. Churchill Livingstone Edinburgh, UD (In Press)

IV. PRESENTATIONS

S. L. Baker. Perinatal Infections - Part II. (1) USA OB/GYN Annu., Conf., New Directions in Women's Health Care, Destin, FL (1999); and (2) Eleventh Annu. Cont. Educ. Conf. Obstet., Gynecol., Neonatol., Mobile, AL (2000).

L. J. Groome. Drugs in Pregnancy. (1) USA OB/GYN Annu. Conf., New Directions in Women's Health Care, Destin, FL (1999); and (2) Eleventh Annu. Cont. Educ. Conf. Obstet., Gynecol., Neonatol., Mobile, AL (2000).

S. C. Lynn, Jr. (1) Evaluation of the Abnormal Pap Smear; and (2) Abnormal Uterine Bleeding. USA OB/GYN Annu. Conf., New Directions in Women's Health Care, Destin, FL (1999)

S. C. Lynn, Jr. (1) Evaluation of the Abnormal Pap Smear; and (2) Abnormal Uterine Bleeding. Eleventh Annu. Cont. Educ. Conf. Obstet. Gynecol. Neonatol., Mobile, AL (2000)

M. B. Munn. Prenatal Diagnosis. Eleventh Annu. Cont. Educ. Conf. Obstet., Gynecol. Neonatol., Mobile, AL (2000)

B. Rizk. Reproductive Medicine for the New Millennium. USA OB/GYN Annu. Conf., New Directions in Women's Health Care, Destin, FL (1999).

B. Rizk. Congress President and Chairman of the Scientific Committee. Third World Congress on Microlaparascopy in Gynecology and Obstetrics, Palm Beach, FL (1999).

B. Rizk. (1) Chairman of the Scientific Session; (2) Assisted Reproductive Technology in the New Millennium; and (3) Potential of Expanding Hypo-osmotic Swelling (HOS) Test From Andrology to Embryology: A Novel Indication. Conjoint Annu. Mtg., Am. Soc. Reprod. Med. and Can. Fertil. Androl. Soc., Metro Toronto Convention Center, Toronto, Ontario, Canada (1999).

B. Rizk. Edutrack Invited Symposia. Assisted Reproductive Technology: A Glimpse of the Past and Challenges of the Future. Am. Assn. Clin. Chem. 52nd Annu. Mtg., San Francisco, CA (2000).

B. Rizk. Chairman of the Scientific Session on GnRH Antagonists. Am. Soc. Reprod. Med. Annu. Mtg., Middle East Fertil. Soc. Chap., San Diego, CA (2000).

B. Rizk. (1) Invited Plenary Session on Assisted Reproductive Technology: Embryo Transfer Techniques; (2) Invited Plenary Session on Advances in Human Reproduction: Selective Estrogen Receptor Modulators; and (3) Chairman of Scientific Roundtable Session: Embryo Transfer Techniques. Middle East Fertil. Soc. 6th Annu. Mtg., Beirut, Lebanon (2000).

B. Rizk. Society Invited Guest Speaker. GnRH Antagonists. The Second Jordanian Fertility and Assisted Reproduction Society, Amman, Jordan (2000).

B. Rizk. Multiple Pregnancy After Assisted Reproductive Technology. Mobile Bay Obstet. Gynecol. Soc., Mobile, AL (2000).

B. Rizk. Osteoporosis; Prevention and Management. Birmingham Obstet. Gynecol., Birmingham, AL (2000).

B. Rizk. Management of the Postmenopausal Years. Med. Soc., Southeast Ala. Dothan, AL (2000).

B. Rizk. Osteoporosis. Mobile Bay Obstet. Gynecol. Soc. Mtg., Mobile, AL (2000).

B. Rizk. Evaluation and Management of Infertility. Eleventh Annu. Cont. Educ. Conf., Obstet., Gynecol. Neonatol., Mobile, AL (2000)

I.H. Thorneycroft. Update in Controversy in HRT and Breast Cancer. Fifth Women's Health Symposium, Puerto Rico (2000).

I.H. Thorneycroft. Oral Contraceptives. (1) Maine Medical Center, Portland, ME; and (2) University of Cincinnati, Cincinnati, OH (2000)

I.H. Thorneycroft. Estrogen, Breast Cancer and SERMS. (1) Destin, FL; and (2) LSU, New Orleans, LA (2000)

I.H. Thorneycroft. Hormone Replacement Therapy. North Memorial Hospital, Minneapolis, MN (2000)

I.H. Thorneycroft. ERT Use in Patients With a Past History of Breast Cancer. St. Luke's Hospital, Chesterfield, MO (2000).

I.H. Thorneycroft. New Advances in HPV Therapies. University of Mississippi Medical Center, Jackson, MS (2000)

I.H. Thorneycroft. New Technologies of Diagnosis and Treatment of Menopause. Harbor UCLA Medical Center, Torrance, CA (2000).

I.H. Thorneycroft. Estrogen Replacement Therapy/Hormone Replacement Therapy Updates. Slidell Memorial Hospital and Medical Center, Slidell, LA (2000).

I.H. Thorneycroft. Contracepting the High Risk Patient. (2) Eastern Virginia Medical School, Norfolk, VA; (2) Wayne State University; and (3) Detroit Medical Center, Detroit, MI (2000).

I.H. Thorneycroft. Menopause and Beyond: Realizing the Promise of HRT. Children's and Women's Hospital, Buffalo, NY (2000).

I.H. Thorneycroft. Hormones in Breast Cancer. Department of Defense Breast Cancer Research Program, Atlanta, GA (2000).

I.H. Thorneycroft. Update on Relationship Between HRT to Breast Cancer. Annu. Mtg., Ala. Acad. Family Phys., Destin, FL (2000).

I.H. Thorneycroft. Focus on Osteoporosis. Ala. Pharmacy Conv., Point Clear, AL (2000).

B. Weiss. The Nurse Practitioner: Friend or Foe?, USA OB/GYN Annu. Conf., New Directions in Women's Health Care, Destin, FL (1999).

B. Weiss. Female Circumcision. Eleventh Annu. Cont. Educ. Conf., Obstet., Gynecol. Neonatol., Mobile, AL (2000)

V. NATIONAL PROFESSIONAL RECOGNITION

B. RIZK serves as President of the following: Third World Congress on Microendoscopy in Gynecology and Obstetrics, 1999, and Chairman of the Scientific Committee; The Middle East Fertility Society Chapter of the American Society for Reproductive Medicine in Toronto in 1999 and San Diego, 2000. He is representative of the Central Zone of the United States in the American Representative Committee of the Royal College of Obstetricians and Gynaecologists, London, England; Secretary of the American Representative Committee of the Royal College of Obstetrics and Gynaecology, London, England, 1998-2000; and President of the Mobile Bay Obstetrics and Gynecology Society; 1999-2000. He has been Ad hoc reviewer for ten years to the following Journals: *Fertility and Sterility*, *Human Reproduction*, *Molecular Human Reproduction*, and *Middle East Fertility Society Journal*, as well as Ad hoc reviewer for the European Society of Human Reproduction and Embryology Task Force on the perinatal outcome and the congenital malformations of intracytoplasmic sperm injection. Dr Rizk is presently on the Editorial Board of the *Middle East Fertility Society Journal*. He is Board Certified in Obstetrics and Gynecology by the American Board of Obstetrics and Gynecology, Royal College of Obstetricians and Gynecology of England, and the Royal College of Physicians and Surgeons of Canada. He is Board Certified in Embryology and Andrology by the American Board of Bioanalysts. Dr Rizk was admitted as a Fellow to the Royal College of Obstetricians and Gynaecologists in London.

I.H. Thorneycroft serves as Board Examiner for the American Board of Obstetrics and Gynecology; on the Editorial Board of the journal, *The Female Patient*; as Reviewer for the *American Journal of Obstetrics and Gynecology*, *Obstetrics and Gynecology*, and *Fertility and Sterility*.

VI. BRIEF SUMMARY OF DEPARTMENT ACTIVITIES AND PROGRESS

The Department once again sponsored very successful continuing medical education programs this academic year. The Eleventh Annual Continuing Education Conference in Obstetrics, Gynecology and Neonatology, held at the Ramada Convention Center in Mobile, was widely supported and attended by physicians and nurses from a large geographic area. The Department is currently in the planning stages for hosting the Alabama State Perinatal Conference for next year.

The facilities for the Department continue to expand and develop. The library, classroom, conference room, and other educational support areas are currently being renovated in the Children's and Women's Education Building. These new facilities will supplement the educational opportunities for faculty, residents, and medical students.

In May, Dr. Lynn Groome accepted the position of Chairman of the Department. In addition, Dr. Peter Rizk was promoted to Professor, and Dr. Susan Baker was promoted to Associate Professor. The Department was also successful in adding Dr. Jennifer Cunningham to the faculty roster in August.