

**2010-2011**  
**Summary of Scholarly Activities**  
**Department of Obstetrics and Gynecology**

**I. PUBLISHED JOURNAL ARTICLES, BOOK CHAPTERS, AND PATENTS**

Badawy SZ, Rizk B. Protocols and problems: controlled ovarian stimulation in difficult cases. SRM. 2011 May;9(2). Available from: [http://srm-ejournal.com/pdf%2F0511\\_OvarianStim.pdf](http://srm-ejournal.com/pdf%2F0511_OvarianStim.pdf)

Finan MA, Silver S, Otts E, Rocconi RP. A comprehensive method to train residents in robotic hysterectomy techniques. J Robot Surg. 2010 Sep;4(3):183-90.

Matthews KS, Hoskins KF, Kemper MK, Wang W, Straughn J, Rocconi RP. The impact of age on the treatment and survival of ovarian cancer patients. Clin Ovarian Cancer Other Gynecol Malig. 2010 Nov;3(2):122-5.

Moustafa F, Rizk B, Helvacioğlu A, Gilmore S. Treatment of hyperprolactinemia. In: Aboulghar M, Rizk B, editors. Ovarian stimulation. New York: Cambridge University Press; 2011. Chapter 18, p. 195-208.

Rizk B, Aboulghar M. Ovarian hyperstimulation syndrome. In: Aboulghar M, Rizk B, editors. Ovarian stimulation. New York: Cambridge University Press; 2011. Chapter 11, p. 103-29.

Rizk B. Ovarian hyperstimulation syndrome. In: Gardner D, Rizk B, Falcone T, editors. Human assisted reproductive technology: future trends in laboratory and clinical practice. New York: Cambridge University Press; 2011. Chapter 3, p. 127-51.

Rocconi R, Meredith C, Finan M. Evaluation of the learning curve of robotic assisted laparoscopic hysterectomy with or without lymphadenectomy for a gynecologic oncology service. J Robot Surg. 2011 Sep;5(3):189-93.

Whitworth J, Matthews K, Finan M, Reed E, Straughn J, Rocconi R. Double prophylaxis for deep venous thrombosis in patients with gynecologic oncology who are undergoing laparotomy: does preoperative anticoagulation matter? Int J Gynecol Cancer. 2011 Aug;21(6):1131-4.

**II. PUBLISHED ABSTRACTS**

Abuzeid M, Joseph S, Corrado M, Abuzeid Y, Ashraf M, Rizk B. Outpatient management of severe/critical ovarian hyperstimulation syndrome (OHSS) with placement of pig tail catheter. American Society for Reproductive Medicine 66th Annual Meeting; 2010 Oct 23-27; Denver, CO. Abstract no. 225.

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Abuzeid M, Joseph S, Corrado M, Abuzeid Y, Ashraf M, Rizk B. The effectiveness of 6% hydroxyethyl starch solution in reducing the incidence of severe hyperstimulation syndrome in polycystic ovarian disease patients: a prospective cohort clinical trial. American Society for Reproductive Medicine 66th Annual Meeting; 2010 Oct 23-27; Denver, CO. Abstract no. 225.

Brooks MN, Finan MA, Mulekar MS, Rocconi RP, Clark ME, Sherman CD, Lenz CB. Introduction of a robot into an obstetrics and gynecology residency: impact on resident education. 59th American College of Obstetrics and Gynecology Annual Clinical Meeting; 2011 Apr 30 - May 4; Washington, DC.

Brooks MN, Finan MA, Mulekar MS, Rocconi RP, Sherman CD. The maternity effect: how does resident pregnancy and maternity leave affect surgical experience of OB/GYN residents? Council on Resident Education in Obstetrics and Gynecology, Association of Professors of Gynecology and Obstetrics Annual Meeting; 2011 Mar 9-12, San Antonio, TX. Abstract no. P84. Available from: <http://apgo.s3.amazonaws.com/annualmtg/program/p84.pdf>

Finan M, Brooks M, Sherman C, Rocconi R. Introduction of robotic surgery into an obstetrics and gynecology residency: impact on resident surgical experience. The Society of Pelvic Surgeons Annual Meeting; 2011 Sep 16; Toronto, Canada. p. 24.

Finan M, Rocconi R. Endometrial cancer as a platform for teaching residents robotic hysterectomy. *Gynecol Oncol*. 2011 Mar;120(Suppl 1):S127.

Fiorica J, Rocconi R, Recio F, Lovecchio J, Burrell M, McClure C. In vitro chemoresponse in metachronous pairs of gynecologic cancers. European Society of Gynecological Oncology Annual Meeting; 2011 Sep 11-14. Milan, Italy. Abstract no. 265.

Lenz B, Finan M, Rocconi R. Capillary lymphatic space invasion in robotic vs. abdominal hysterectomy for endometrial cancer. American College of Obstetrics and Gynecology 59<sup>th</sup> Annual Clinical Meeting; 2011 Apr 30 - May 1; Washington, DC. Abstract no. 124.

Meng E, Shevde LA, Long B, Sullivan P, McClellan S, Finan M, Reed E, Rocconi R. Identification and characterization of CD44+/CD24- ovarian cancer stem cells properties and their correlation to survival. *Gynecol Oncol*. 2011 Mar; 120(Suppl1): S49-50.

Meng E, Shevde L, Reed E, Rocconi R. Understanding molecular pathway differences between ovarian cancer stem cells (OCSC) and non-ovarian cancer stem cells (non-OCSC) leads to the Hedgehog pathway as a common thread. *Cancer Res*. 2011 Apr 15;71(8 Suppl 1):3406.

Moustafa H, Rizk B, Farrag M, Mulekar M, Kirt H, Nagy Z. Does luteinizing hormone supplementation during ovarian stimulation decrease the rate of aneuploidy in cleavage state embryos during IVF cycles? American College of Obstetrics and Gynecology District VII, VIII, IX, and XI Annual Meeting; 2010 Oct; Maui, HI. p. 38.

Moustafa H, Rizk B, Varner S, Brooks N. Conservative management of twin cervical pregnancy. American College of Obstetrics and Gynecology District VII, VIII, IX, and XI Annual Meeting; 2010 Oct; Maui, HI. p. 34.

Murphy F, Finan M, Rocconi R, Pannell L. Characterization of the N-linked glycome from ascites as an early indicator for ovarian cancer. 59th American Society for Mass Spectrometry Annual Meeting; 2011 Jun 5-9; Denver, Co. Abstract no. MP15-289.

Murphy F, Finan M, Rocconi R, Pannell L. Characterization of the N-linked glycome of ovarian cancer ascites. University of South Alabama 18<sup>th</sup> Annual Research Forum; 2011 Mar 31; Mobile, AL. Abstract no. 67.

Rizk B. Assessment of the fallopian tubes is important from a prognostic as well as therapeutic point of view. Understanding Infertility: A CME Course in Reproductive Medicine & Laboratory Workshop on Human Spermatozoa and Assisted Conception; 2011 Aug 12-14; New Delhi, India. p. 428.

Rizk B. Ovarian hyperstimulation syndrome is characterized by multiple cystic ovaries and third space fluid shift. Understanding Infertility: A CME Course in Reproductive Medicine & Laboratory Workshop on Human Spermatozoa and Assisted Conception; 2011 Aug 12-14; New Delhi, India. p. 428.

Rizk B. Polycysticovarian syndrome is characterized by oligoovulation, hyperandrogenism and polycystic ovaries on ultrasonography. Understanding Infertility: A CME Course in Reproductive Medicine & Laboratory Workshop on Human Spermatozoa and Assisted Conception; 2011 Aug 12-14; New Delhi, India. p. 428.

Rizk B. The assessment of the infertile couple is a systematic approach. Understanding Infertility: A CME Course in Reproductive Medicine & Laboratory Workshop on Human Spermatozoa and Assisted Conception; 2011 Aug 12-14; New Delhi, India. p. 428.

Rocconi R, Meng E, Shevde LA, Reed E. A novel hedgehog pathway smoothing inhibitor BMS-833923 demonstrates in vitro synergy with carboplatin in ovarian cancer cells. Gynecol Oncol. 2011 Mar; 120(Suppl1):S41-2.

Rocconi R, Long B, Sullivan P, Blaize M, Brown J, Arbuckle J, Bevis K, Estes J, Reed E, Finan M. Treatment of chemotherapy-induced anemia in ovarian cancer patients: does the use of erythropoiesis stimulating agents worsen survival? Gynecol Oncol. 2011 Mar; 120(Suppl 1):S13.

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Smith A, Rocconi R, Finan M. Are we acknowledging the concerns of women with early symptoms of ovarian cancer? Association of Women's Health, Obstetric and Neonatal Nurses Annual Meeting; 2011 Jun 25-29; Denver, CO.

### III. PUBLISHED BOOKS

Aboulghar M, Rizk B, editors. Ovarian stimulation. Cambridge: Cambridge University Press; 2011. 271 p.

Gardner D, Rizk B, Falcone T, editors. Human assisted reproductive technology: future trends in laboratory and clinical practice. Asian ed. New York: Cambridge University Press; 2011, 250 p.

Gardner D, Rizk B, Falcone T, editors. Human assisted reproductive technology: future trends in laboratory and clinical practice. New York: Cambridge University Press; 2011, 250 p.

Rizk B, editor. Ultrasonography in reproductive medicine and infertility. Cambridge: Cambridge University Press; 2010, 246 p.

### IV. INVITED PRESENTATIONS

Baker S. Invited speaker. Thrombophilic abnormalities in pregnancy. The Twentieth Annual Continuing Education Conference in Obstetrics and Gynecology; 2011 Aug 18; Mobile, AL.

Bodie F. Invited speaker. Complications of vacuum and forceps delivery. The Twentieth Annual Continuing Education Conference in Obstetrics and Gynecology; 2011 Aug 19; Mobile, AL.

Cotton W. Invited speaker. Ultrasound: interesting cases. The Twentieth Annual Continuing Education Conference in Obstetrics and Gynecology; 2011 Aug 18; Mobile, AL.

Finan M. Invited speaker. Potential pitfalls and traps for the practicing gynecologist. The Twentieth Annual Continuing Education Conference in Obstetrics and Gynecology; 2011 Aug 18; Mobile, AL.

LaFleur J. Invited speaker. Pap smear guidelines. The Twentieth Annual Continuing Education Conference in Obstetrics and Gynecology; 2011 Aug 18; Mobile, AL.

Owens S. Invited speaker. What is HER? Hypertensive emergency. The Twentieth Annual Continuing Education Conference in Obstetrics and Gynecology; 2011 Aug 19; Mobile, AL.

Rizk B. Invited speaker. Ovarian hyperstimulation syndrome. American Society of Reproductive Medicine 66th Annual Meeting, Scientific Program Symposia; 2010 Oct 26; Denver, CO.

Rizk B. Invited speaker. Assisted reproduction technology. Springhill College; 2010 Nov 1; Mobile, AL.

Rizk B. Invited speaker. Ovulation induction strategies. Symposium on Infertility and Reproductive Medicine; 2011 Dec 16; Dubai, United Arab Emirates.

Rizk B. Invited speaker. The assessment of tubal patency and the management of change. Symposium on Infertility and Reproductive Medicine; 2010 Dec 16; Dubai, United Arab Emirates.

Rizk B. Invited speaker. The initial assessment of the female. Symposium on Infertility and Reproductive Medicine; 2010 Dec 16; Dubai, United Arab Emirates.

Rizk B. Invited speaker. The diagnosis and management of uterine abnormalities and infertility. Symposium on Infertility and Reproductive Medicine; 2010 Dec 17; Dubai, United Arab Emirates.

Rizk B. Invited speaker. The modern understanding of endometriosis-associated subfertility. Symposium on Infertility and Reproductive Medicine; 2010 Dec 17; Dubai, United Arab Emirates.

Rizk B. Invited speaker. Latest developments in the pathophysiology and treatment of PCOS. Symposium on Infertility and Reproductive Medicine; 2010 Dec 16; Dubai, United Arab Emirates.

Rizk B. Invited speaker. What is new in prevention/management of OHSS? Symposium on Infertility and Reproductive Medicine; 2010 Dec 17; Dubai, United Arab Emirates.

Rizk B. Invited speaker. Ultrasonography in assisted reproductive technology. Department of Obstetrics and Gynecology 3rd Annual Women's Imaging Conference; 2011 Apr 9; Mobile, AL.

Rizk B. Invited speaker. Update on predication and prevention of OHSS. 15<sup>th</sup> McGill Symposium on Reproductive Endocrinology, Infertility and Women's Health. Thirty Years of Advances in Reproductive Endocrinology and ART: A Celebratory Congress; 2011 May 28; Montreal, Canada.

Rizk B. Invited speaker. Menopause and female sexuality. Symposium on Infertility and Reproductive Medicine; 2011 Jun 2; Dubai, United Arab Emirates.

Rizk B. Invited speaker. Ovulation induction strategies. Symposium on Infertility and Reproductive Medicine; 2011 Jun 2; Dubai, United Arab Emirates.

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Rizk B. Invited speaker. Pathophysiology and treatment of PCOS. Symposium on Infertility and Reproductive Medicine; 2011 Jun 2; Dubai, United Arab Emirates.

Rizk B. Invited speaker. Prevention and management of OHSS. Symposium on Infertility and Reproductive Medicine; 2011 Jun 2; Dubai, United Arab Emirates.

Rizk B. Invited speaker. The assessment of tubal patency and the management of damage. Symposium on Infertility and Reproductive Medicine; 2011 Jun 2; Dubai, United Arab Emirates.

Rizk B. Invited speaker. Ultrasound in infertility. Symposium on Infertility and Reproductive Medicine; 2011 Jun 2; Dubai, United Arab Emirates.

Rizk B. Invited speaker. What is new in prevention/management of OHSS. Symposium on Infertility and Reproductive Medicine; 2011 Jun 2; Dubai, United Arab Emirates.

Rizk B. Invited speaker. Endocrinology of female sexual function. Symposium on Infertility and Reproductive Medicine; 2011 Jun 3; Dubai, United Arab Emirates.

Rizk B. Invited speaker. Endometriosis-associated subfertility. Symposium on Infertility and Reproductive Medicine; 2011 Jun 3; Dubai, United Arab Emirates.

Rizk B. Invited speaker. PCOS. Symposium on Infertility and Reproductive Medicine; 2011 Jun 3; Dubai, United Arab Emirates.

Rizk B. Invited speaker. Redefining the role of progesterone therapy in ART. Symposium on Infertility and Reproductive Medicine; 2011 Jun 3; Dubai, United Arab Emirates.

Rizk B. Invited speaker. Ultrasound in infertility. Alexandria Workshop on Women's Health; 2011 Jun 15; Alexandria, Egypt.

Rizk B. Invited speaker. Ovarian hyperstimulation syndrome. Alexandria Workshop on Women's Health; 2011 Jun 15; Alexandria, Egypt.

Rizk B. Invited speaker. Pathophysiology and treatment of PCOS. Summer Internship in Reproductive Medicine, Cleveland Clinic; 2011 Jun 28; Cleveland, OH.

Rizk B. Invited speaker. The assessment of tubal patency and the management of damage. Summer Internship in Reproductive Medicine, Cleveland Clinic; 2011 Jun 28; Cleveland, OH.

Rizk B. Invited speaker. The initial assessment of the female. Summer Internship in Reproductive Medicine, Cleveland Clinic; 2011 Jun 28; Cleveland, OH.

Rizk B. Invited speaker. Endometriosis-associated subfertility. Summer Internship in Reproductive Medicine, Cleveland Clinic; 2011 Jun 29; Cleveland, OH.

Rizk B. Invited speaker. Ultrasound in infertility. Summer Internship in Reproductive Medicine, Cleveland Clinic; 2011 Jun 29; Cleveland, OH.

Rocconi R. Invited speaker. The development of a multidisciplinary cancer center: past, present, and future. Baldwin County Rotary Club; 2011 Jan 27; Point Clear, AL.

Rocconi R. Invited speaker. Obstetrical and gynecologic hemorrhage: how to get out and stay out of trouble. The Twentieth Annual Continuing Education Conference in Obstetrics and Gynecology; 2011 Aug 19; Mobile, AL.

Sherman C. Invited speaker. Simulation in health care. The Twentieth Annual Continuing Education Conference in Obstetrics and Gynecology; 2011 Aug 19; Mobile, AL.

Stauffer R. Invited speaker. Update on gestational diabetes. The Twentieth Annual Continuing Education Conference in Obstetrics and Gynecology; 2011 Aug 19; Mobile, AL.

Varner S. Invited speaker. Vulvovaginal candidiasis. The Twentieth Annual Continuing Education Conference in Obstetrics and Gynecology; 2011 Aug 18; Mobile, AL.

## V. NATIONAL PROFESSIONAL RECOGNITION

Dr. Botros Rizk is a member of the Scientific Advisory Committee of the Mediterranean Society for Reproductive Medicine. He has been invited guest speaker for MSRM, Egyptian Fertility Society, McGill International Symposium and Pre-congress Course for the Royal College of Obstetricians and Gynecologists. He has been an Ad hoc reviewer for 13 years to the *Journals of Fertility and Sterility*, *Human Reproduction*, *Molecular Human Reproduction*, *Middle East Fertility Society*, *Reproductive Biomedicine Online*, *American Journal of Obstetrics and Gynecology* and is on the Editorial Board of the *Middle East Fertility Society Journal*.

## VI. BRIEF SUMMARY OF ACTIVITIES AND PROGRESS

The Department's Annual CME program was held at the Mobile Convention Center this academic year. It was our 20th Annual Conference in Obstetrics and Gynecology. The meeting was widely supported and attended by physicians, nurse practitioners, nurse midwives and nurses from a large geographic area.

Dr. Susan L. Baker is part time faculty and focuses on clinical care. She is working on substance abuse issues with pregnant women.

Dr. Frankie Bodie serves as generalist and is the director of the Center for Women's Health, and coordinates the faculty call schedule.

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Dr. Nicole Brooks moved to Medford, Oregon in July, 2011.

Dr. Michael Finan has a dual appointment with the Department of OB/GYN and the Mitchell Cancer Center. He is Chief of Gynecologic Oncology for the OB/GYN Department.

Dr. Walter Hogan retired in April, 2011.

Dr. John LaFleur serves as generalist and functions as the assistant clerkship director. Dr. LaFleur serves on the Executive Committee and is Chairman of the OB/GYN Committee at USACW. Dr. LaFleur was awarded the Red Sash, by the COM Class of 2009, to wear at their graduation in May.

Dr. David Lewis became the new Chair of the Department of Obstetrics and Gynecology effective September 1, 2011.

Dr. Sheri Owens serves as a generalist, and continues as Clerkship Director for the department.

Dr. Botros Rizk is a member of Department of OB/GYN Laboratory QA Committee, Chairman 1999-Present, Medical and Scientific Director of the University of South Alabama IVF Program, Chairman of the American Society for Reproductive Medicine International Membership Committee. Ad hoc reviewer for the Journals of Fertility and Sterility, Human Reproduction, Molecular Human Reproduction Middle East Fertility Society, Reproductive Biomedicine Online, American Journal of Obstetrics and Gynecology and is on the Editorial Board of the Middle East Fertility Society Journal.

Dr. Rodney Rocconi has a dual appointment with OB/GYN and the Mitchell Cancer Center. He teaches the residents GYN Oncology. OB/GYN Residents spend a total of six months working with Doctors Rocconi and Finan during their 4 year residency. Dr. Rocconi was recently promoted to Associate Professor. Dr. Rocconi continues to perform basic science research in his gynecologic cancer-focused lab. Dr. Rocconi received the following awards: National Faculty Award for Excellence in Resident Education from the Council on Resident Education in Obstetrics and Gynecology 2010 and 2011, Most Meaningful Input into Medical Education to the USA Medical Student Class of 2011, America's top OBGYN by Consumers' Research Council of America, Mobile Bay Monthly Magazine 2010 40 Under 40 award and Sponsor for the Hooker-Kubik Research Award.

Dr. Craig Sherman serves as the Program Director and as Medical Director for the Women's Center. He received the Red Sash award from COM Class of 2009. Dr. Sherman is Chair of the Medical Executive Committee of USACW. He also serves on the following USACW committees, OB/GYN Performance Improvement, Pediatrics and Neonatology, and Radiology.



He serves on the USA Hospital Credentials Committee and the Combined Medical Executive Committee, and the Advisory Committee, Alabama Section, ACOG.

Dr. Steven Varner served as Interim Chair until September 1, 2011 at which time Dr. David Lewis took over as the Chair of OB/GYN. Dr. Varner continues in his capacity as Director of the Division of Gynecology and maintains the Vulvar clinic.