

2009-2010
Summary of Scholarly Activities
Department of Obstetrics and Gynecology

I. PUBLISHED JOURNAL ARTICLES, BOOK CHAPTERS, AND PATENTS

Aboulghar M, Rizk B. Ultrasonography of the cervix. In: Rizk B, editor. Ultrasonography in reproductive medicine and infertility. Cambridge: Cambridge University Press; 2010. Chapter 13. p. 103-12.

Abuzeid M, Rizk B. Ultrasonographic-guided embryo transfer: clinical experience. In: Rizk B, editor. Ultrasonography in reproductive medicine and infertility. Cambridge: Cambridge University Press; 2010. Chapter 29. p. 234-50.

Finan M, Clark M, Rocconi R. A novel method for training residents robotic hysterectomy. Robot Surg 2010;4(1):33-9.

Finan M, Rocconi R. Overcoming technical challenges with robotic surgery in gynecologic oncology. Surg Endos 2010; 24(6):1256-60.

Marcus S, Dimitry E, Dimitry M, Marcu D, Rizk B. Heterotopic pregnancy and assisted reproduction. In: Rizk B, editor. Ultrasonography in reproductive medicine and infertility. Cambridge: Cambridge University Press; 2010. Chapter 32. p. 271-5.

Moustafa H, Rizk B, Brooks N, Steffler B, Baker S, Puscheck E. Cervical pregnancy. In: Rizk B, editor. Ultrasonography in reproductive medicine and infertility. Cambridge: Cambridge University Press; 2010. Chapter 33. p. 276-82.

Rizk B. Complications of ovulation induction II: ovarian hyperstimulation syndrome, ovarian torsion. In: Dickey RP, Brinsden PR, Pyrzak R, editors. Manual of intrauterine insemination and ovulation induction. Cambridge and New York: Cambridge University Press; 2010. Chapter 15. p. 151-60.

Rizk B, Abuzeid M, Rizk C, Owens S, LaFleur J, Simaika Y. Ectopic pregnancy. In: Rizk B, editor. Ultrasonography in reproductive medicine and infertility. Cambridge: Cambridge University Press; 2010. Chapter 31. p. 259-70.

Rizk B, Rizk C, George Nawar M, Garcia-Velasco J, Sallam H. Ultrasonography in prediction and management of ovarian hyperstimulation syndrome. In: Rizk B, editor. Ultrasonography in reproductive medicine and infertility. Cambridge: Cambridge University Press; 2010. Chapter 36. p. 299-312.

Rizk B, Rizk CB. Prevention and management of ovarian hyperstimulation syndrome. *Curr Women's Health Rev* 2010; 6(2):130-45.

II. PUBLISHED ABSTRACTS

Abuzeid M, Abed S, Salem W, Joseph S, Ashraf M, Rizk B. The effectiveness of 6% hydroxyethyle starch solution in reducing the incidence of severe hyperstimulation syndrome in polycystic ovarian disease patients: a prospective cohort clinical trial. 20th World Congress on Fertility and Sterility; 2010 Sep 12-16; Munich, Germany. Abstract no. A-209-0002-00583.

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. *Fertil Steril* 2010 Sep; 95(4 Suppl 1): S159. Abstract no. P-225.

Chura J, Rocconi R, Axtell A, Straughn J. A cost effectiveness analysis of adjuvant treatment strategies for advanced stage endometrial cancer. *Gynecol Oncol* 2010 Mar;116(3 Suppl 1):S78. Abstract no. 194.

Cucoranu IC, Finan MA, Boudreaux CW. Malignant mixed Mullerian tumor of the cervix: a case report and review of literature. *Arch Pathol Lab Med* 2009 Oct; 133(10):1635. Abstract no. P31.

Harris J, Finan M, Rocconi R, Fisher AM, Bradley J, Hanslee H. Computerized tomography or magnetic resonance imaging to predict difficulty of robotic surgery for endometrial cancer. *Gynecol Oncol* 2010 Mar; 116(3 Suppl 1):S145. Abstract no. 374.

Holliday NP, Porter KB, Mulekar M, Armistead C. Self-perception in women and their desire to consider aesthetics. ACOG 2009 Armed Forces District Annual Meeting 2009 Nov 15-18; Honolulu, HI. Abstract no. 15.

Meng E, Taylor BA, Shevde L, Rocconi R. Telomerase activity corresponds to the level of aggressiveness of ovarian cancer stem cells and are a potential site of targeted therapy. AACR Annual Meeting 2010 Apr 17-21; Washington, DC. Abstract no. 3334.

Moustafa H, Rizk B, Farrag M, Mulekar MS, Kort H, Nagy ZP. No difference in the aneuploidy rate of cleavage stage embryos in gonadotropin releasing hormone antagonists (GNRH-ANT) cycles when compared to the agonists (GNRH-A) cycles. American Society for Reproductive Medicine Annual Meeting 2009 Oct 17-21; Atlanta, GA. p. S51. Abstract no. S-51/O-173.

Moustafa H, Rizk B, Farrag M, Mulekar MS, Kort H, Nagy ZP. Milder ovarian stimulation does not reduce the rate of aneuploidy in cleavage state embryos during in vitro fertilization (IVF) cycles. American Society for Reproductive Medicine Annual Meeting 2009 Oct 17-21; Atlanta, GA. p. S214. Abstract no. P-450.

Ozair S, Porter KB, Mulekar M, Armistead C. Health effects of cellular phone and other wireless device use in pregnant and non-pregnant women. Society of Maternal Fetal Medicine 30th Scientific Meeting 2010 Feb 1-6; Chicago, IL.

Ray A, Meng E, Shevde L, Rocconi R. Role of Hedgehog pathway in ovarian cancer: exploring the mechanism of acquiring chemoresistance. 3rd International Symposium on Translational Cancer Research, Cell Signaling and Cancer Therapy 2009 Dec 18-21; Bhubaneswar, India.

Rocconi R, Ray A, Meng E, Shevde L. Inhibiting hedgehog pathway as a strategy to overcome the inherent chemoresistance of ovarian cancer spheroid forming cells. Gynecol Oncol 2010 Mar;116(3 Suppl 1):S118. Abstract no. 302.

Rose SD, Zhang G, Reese J, Finan M, Rocconi R, Pannell LK. Early non-invasive diagnosis of endometriosis in infertile women using biomarkers found in cervicovaginal fluid. ASRM 65th Annual Meeting 2009 Oct 17-21; Atlanta, GA. p. 107. Abstract no. P67.

Silver S, Finan M, Rocconi R. A comprehensive method to train residents in robotic hysterectomy techniques. Association of Professors of Gynecology and Obstetrics and the Council on Resident Education in Obstetrics and Gynecology Annual Meeting 2010 Mar 5; Orlando, FL.

III. PUBLISHED BOOKS

IV. INVITED PRESENTATIONS

Baker S. Invited speaker. HIV update. 19th Annual OB/GYN CME Conference; 2010 Apr 8; Mobile, AL.

Brooks N. Invited speaker. Pediatric and adolescent GYN issues. 19th Annual OB/GYN CME Conference; 2010 Apr 8; Mobile, AL.

Finan M. Invited speaker. Simulation lab to train residents in robotic hysterectomy techniques. American College of Surgeons Annual Clinical Meeting; 2009 May 9; Chicago, IL.

Finan M. Invited speaker. Simulation lab to train residents in robotic hysterectomy techniques. American College of Surgeons Annual Clinical Meeting; 2009 Oct 14; Chicago, IL.

Finan M. Invited speaker. A comprehensive method to train residents in robotic hysterectomy techniques. Society of Pelvic Surgeons 60th Annual Meeting; 2010 Sep 15; Durham, NC.

Kennedy R. Invited speaker. BTL risks/benefits. 19th Annual OB/GYN CME Conference; 2010 Apr 9; Mobile, AL.

LaFleur J. Invited speaker. Sex, sin and suffering. 19th Annual OB/GYN CME Conference; 2010 Apr 8; Mobile, AL.

Owens S. Invited speaker. Update on contraception. 19th Annual OB/GYN CME Conference; 2010 Apr 9; Mobile, AL.

Porter K. Invited speaker. OB traumas and emergencies. 19th Annual OB/GYN CME Conference; 2010 Apr 9; Mobile, AL.

Rizk B. Invited speaker. Human reproduction: coptic perspectives. The Suzanne Mubarak Regional Centre for Women's Health and Development in collaboration with the Goethe Institute in Alexandria – a workshop on Ethics of Human Reproduction; 2009 Dec 9; Alexandria, Egypt.

Rizk B. Invited speaker. Management of ovarian hyperstimulation syndrome. Plenary Session updates in ART; 2010 Jan 28; Seville, Spain.

Rizk B. Invited speaker. Endometriosis: ultrasonography and proteomics. The Suzanne Mubarak Regional Centre for Women's Health and Development Fourth Alexandria Forum for Women's Health and Development; 2010 Mar 24; Alexandria, Egypt.

Rizk B. Invited speaker. Endometriosis and ART. The Suzanne Mubarak Regional Centre for Women's Health and Development Fourth Alexandria Forum for Women's Health and Development; 2010 Mar 24; Alexandria, Egypt.

Rizk B. Invited speaker. Endometriosis: ultrasonography and proteomics. The Mediterranean Society for Reproductive Medicine, updates in infertility; 2010 Mar 25; Tel Aviv, Israel.

Rizk B. Invited speaker. Endometriosis and ART. The Mediterranean Society for Reproductive Medicine, updates in infertility ART; 2010 Mar 25; Tel Aviv, Israel.

Rizk B. Invited speaker. Future of ART. 19th Annual OB/GYN CME Conference; 2010 Apr 9; Mobile, AL.

Rocconi R. Invited speaker. Simulation lab to train residents in robotic hysterectomy techniques. American College of Surgeons Annual Clinical Meeting; 2009 Oct 12; Chicago, IL.

Rocconi R. Invited speaker. Uterine masses. 19th Annual OB/GYN CME Conference; 2010 Apr 8; Mobile, AL.

Sherman C. Invited speaker. The effect of simulation on resident confidence. APGO/CREOG Annual Meeting, 2010 Mar 4; Orlando, FL.

Taylor S. Invited speaker. Lupus and pregnancy. 19th Annual OB/GYN CME Conference; 2010 Apr 8; Mobile, AL.

Varner S. Invited speaker. Bacterial vaginosis. 19th Annual OB/GYN CME Conference; 2010 Apr 9; Mobile, AL.

V. NATIONAL PROFESSIONAL RECOGNITION

Dr. Kathy B. Porter is a National Board Examiner for the American Board of Obstetrics and Gynecology. Dr. Porter has been a reviewer for the *American Journal of Obstetrics and Gynecology*, and *Obstetrics and Gynecology*.

Dr. Botros Rizk has been elected as Associate editor for the *Fertility and Sterility Egyptian Journal*, as well as, Editor-in-Chief for *Recent Advances in Reproductive Medicine*. He has completed his two term as chairman for the American Society for Reproductive Medicine International Membership Committee. The clinical and research cooperation and development between the University of South Alabama Assisted Reproduction Program headed by Dr. Rizk and the Cleveland Clinic Center for Reproductive Medicine has been very productive clinically and academically. The internship clerkship will be a great opportunity for the University of South Alabama students that are planning to go to medical school. The Cleveland Clinic Center for Reproductive Medicine is currently accredited by the University of South Alabama. Dr. Rizk is a member of the Scientific Advisory Committee of the Mediterranean Society for Reproductive Medicine. He has been an 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* Publication.

Dr. Rodney Rocconi received the National Faculty Award for Excellence in Resident Education from the Council on Resident Education in Obstetrics and Gynecology (CREOG). He received a Research Grant from the Gynecologic Cancer Foundation (GCF); Sherri's From a Whisper to a Roar/Women's Motorcycle Foundation Ovarian Cancer Research Award; APGO/CREOG Annual Meeting 3rd place poster Award. He continues as a Candidate member for the Society of Gynecologic Oncologists (SGO), a council comprised of members from the nation's largest and most elite cancer centers.

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 19th 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 Division Head of Maternal Fetal Medicine. She focuses on clinical care of high risk obstetrics. 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.

Dr. Nicole Brooks is a general OB/GYN specializing in urogynecology. She serves as the Assistant Residency Program Director. Dr. Brooks is Chair of the OB/GYN Committee at USACW. She serves as Chair of the Regional Perinatal Advisory Committee, and she is a member of the Alabama State Perinatal Advisory Committee.

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 functions as a part time clinical faculty member and focuses on clinical care and the Colpo clinic for resident teaching. Dr. Hogan coordinates the Department of OB/GYN Grand Rounds.

Dr. John LaFleur serves as generalist and functions as the Assistant Clinical Clerkship Director. Dr. LaFleur serves on the Education Committee for OBGYN, the Executive Committee, OB/GYN Committee at USACW and the Health Services QI Committee. Dr. LaFleur was awarded the Red Sash by the 4th year COM Class, the APGO Teaching Award and the Medical Student Teaching Award.

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

Dr. Owens was awarded the Red Sash by the 4th year COM Class. She serves on the Mobile County Board of Censors, and the Mobile Medical Museum Board of Directors.

Dr. Kathy B. Porter, during the time of this annual report, served as Chair of the Department. She was Chair of the Alabama State Perinatal Committee and a committee member for the Fetal Infant Mortality Review for Mobile County and the Alabama Baby Coalition. She is a reviewer for *Obstetrics and Gynecology*, the *American Journal of Obstetrics and Gynecology* and the *American Journal of Kidney Disease*. Dr. Porter is a member of the Department Education Committee, she is Director of the Ultrasound Unit, which is AIUM and ICAEL accredited. She serves on USACW Medical Executive Committee, and Performance Improvement Committee, USAMC Medical Executive Committee, and the CME Committee for the University. In August 2010, Dr. Porter resigned from her position as chair of the Department of Obstetrics and Gynecology.

Dr. Botros Rizk is a member of the 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 four year residency. Dr. Rocconi continues to perform basic science research in his gynecologic cancer-focused lab. Dr. Rocconi was beneficial in the establishment of the "GO Run" an annual race which supports research and awareness in the area of gynecologic cancers. He received the Alabama Launchpad Business plan competition second place award, and he was recognized at the USA Medical Student Honors Convocation with a Red Sash award by the Medical Education to the Class of 2010.

Dr. Robert Stauffer joined the department in June of this year as an Associate Professor. He focus is on care of the high risk ob patient.

Dr. Craig Sherman serves as the Program Director and as Medical Director for the Women's Center. 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, the Advisory Committee, Special Care Committee, Information Management Committee, Alabama Section, ACOG.

Dr. Sherri Taylor left the department in July to pursue a fellowship in Maternal Fetal Medicine at University of California-Davis, Sacramento, California.

Dr. Steven Varner became the Interim Chair on April 9, 2010, when Dr. Porter was called to duty by the US Army. He continues in his capacity as Director of the Division of Gynecology and maintains the Vulvar clinic. Dr. Varner is a member of the Department Education Committee. He serves on the Performance Improvement Committee, and the OB/GYN Committee, and the Medical Executive Committee.