

Research

Minimally Invasive Hysterectomy – Outcomes of total laparoscopic hysterectomy with complications.

Breast Cancer Screening using breast fluid cytology – Evaluation of HALO technology

Dysfunctional Uterine Bleeding in Women - (STOP-DUB) Surgical Treatment Outcomes Project. A national randomized control trial being conducted, which federally funded through is funding through (AHCPR) Agency of Health Care Policy and Research.

Contraception in Lactating Women - Effects of giving hormone contraception immediately (i.e., within 48 hours of giving birth) and the impact on milk production, menstruation, cardiovascular status, and weight retention.

Comparison of Flexible Hysteroscopy Directed Biopsy, Saline Infusion Sonohysteroscopy and Endometrial Biopsy for Detection of Uterine Pathology. Funding provided through Olympus Instruments, Inc. in the form instrumentation to us at no cost. This study also has a formal training program incorporated to teach 3rd and 4th year resident physicians new operative and diagnostic techniques.

The Effect of Pre-term Pre-mature Rupture of Membranes (PPROM) on Maternal Estriol Levels - Funding provided by Biex Industries, Inc., in the form of laboratory contributions. This project investigates the use of the new SALEST test in determining its usefulness in the management of perinatal patient care.

Development of a Screening Program and Treatment Strategies for women and adolescents in von Willebrands Disease - A collaborative study with Dept. of Hematology/Oncology and Dept. of Ob/Gyn, University of Nevada School of Medicine. This project will be an on-going project and has endorsement from the Hemophilia Foundation of Southern Nevada.

Breast Cancer - development of early detection through biochemical and molecular biology methods, genetic predisposition leading to tumor-genesis, and metabolism aberrations in tumor tissue.

RAS Signal Transduction Cascade - the role of the protein tyrosine kinase (epidermal growth factor receptor and SRC-kinase) in transformation of

normal cells to cancer cells via tyrosine phosphorylation of the cytoskeleton and activation of glycolytic metabolism.

Metabolic Compartmentation - The role of interactions between the cytoplasmic cytoskeleton and enzymes of glycolysis in regulation of metabolism in eukaryotic cells.