

MS (Obstetrics & Gynaecology)
Title (Plan of Thesis)
(Session 2014-2017)

S.No.	Title (Plan of Thesis)
1.	A study of serum glutathione S transferase Alpha levels as a biomarker in intrahepatic cholestasis of pregnancy and its association with perinatal outcome.
2.	Initial and day four β hCG levels as predictors of outcome of single dose methotrexate therapy in medical management of tubal ectopic gestation.
3.	Comparison of ovarian reserve in women with unexplained infertility and normal fertile woman – A case control study.
4.	Basic work up of infertile couples and study of seminal IL-8 levels in leucocytospermia.
5.	Variations in visceral adiposity index in different phenotypes of polycystic ovarian syndrome and its relation with cardio metabolic risk.
6.	Study of effectiveness of oral iron supplementation in non-anaemic pregnant women for prevention of Anaemia- A prospective observational study.
7.	Study of transcerebellar diameter (TCD)/abdominal circumference (AC) ratio in intra uterine growth restriction (IUGR) and its association with perinatal outcome.
8.	Fetal abdominal circumference measurement and maternal glycemic control in predicting perinatal outcome in women with gestational diabetes mellitus.
9.	Study of association between inner border, ridge and rag sign on colposcopy with histopathology in women with abnormal cervical cytology.

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10.	Study of association between serum ferritin levels at term pregnancy in women with iron deficiency anemia and new born serum ferritin levels.
11.	Study of fetal middle cerebral artery peak systolic velocity and its correlation with corresponding cord blood hemoglobin from 24 to 40 weeks gestation.
12.	Study of factors affecting obstetrical outcome in chronic hypertension of pregnancy.
13.	Effect of maternal oral hydration on maternal and perinatal outcome in women with third trimester isolated oligohydramnios – An observational study.
14.	Diagnostic Accuracy of Maternal Anthropometric measurements and estimated fetal weight as Predictors of Cephalopelvic disproportion in Primigravidae- An observational study.
15.	Comparison of mean corpuscular volume and mean corpuscular hemoglobin for identification of beta thalassemia trait in antenatal women.
16.	Study of maternal and perinatal outcome in early onset severe pre eclampsia.
17.	Association between periodontal disease and gestational diabetes mellitus.
18.	Fetal growth in non affluent population at a tertiary care teaching hospital and its comparison with intergrowth 21 standards.
19.	Intrauterine injection of human chorionic gonadotropic (HCG) before embryo transfer in in-vitro fertilization (IVF) cycle.
20.	Triaging of patients of threatened preterm labor to identify those requiring hospitalization.

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21.	The effect of hormone replacement therapy on lipid profile in women with primary ovarian insufficiency.
22.	The relationship between anti-thyroid antibodies and fertility outcome in euthyroid women undergoing in-vitro fertilization.
23.	Neonatal outcome of twins according to birth order, presentation and mode of delivery.
24.	Validation of scoring model for the prediction of peripartum complications in patients with placenta previa.
25.	Comparative study of transvaginal scan and digital examination in predicting successful labor induction.
26.	Colposcopic evaluation of postmenopausal women with cervical cytology showing inflammation or epithelial cell abnormalities.
27.	Evaluation of spot urinary protein creatinine ratio for quantification of proteinuria in women with hypertension in pregnancy.
28.	Serum sex-hormone binding globulin and maternal characteristics for prediction of gestational diabetes mellitus.
29.	Maternal blood and amnionic oxytocin receptor gene expression and serum oxytocin levels in preterm birth: A case control study.
30.	Organochlorine pesticides and interleukin gene polymorphism in women with epithelial ovarian cancer: A pilot study.
31.	Comparative study of umbilical artery doppler velocimetry with histopathological lesions of placenta in fetal growth restriction.

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32.	Symptom index for detection of ovarian malignancy in Indian women: A hospital based study.
33.	Comparison of intravenous labetalol, intravenous hydralazine and oral nifedipine for acute blood pressure control in hypertensive emergencies in pregnancy: A randomized double blind trial.
34.	Association of maternal serum pregnancy associated plasma protein-A levels in late first trimester with small for gestational age neonate.
35.	Role of serum retinol binding protein 4 in preeclampsia: A case control study.
36.	Association of serum and cervical tissue organochlorine pesticide levels and cervical tissue estrogen receptor expression in carcinoma cervix: A case control pilot study.
37.	Comparative evaluation of menstrual patterns and hormonal profiles in normal and abnormal perimenopause.
38.	Evaluation of revised active phase of labor with obstetric outcome.
39.	Role of Vitamin D supplementation in burka clad pregnant women of Delhi.
40.	To study the role of chlamydia trachomatis infection in women with infertility.
41.	The study of serum uric acid as a biochemical marker for maternal and fetal outcome in PIH.
42.	Mid-trimester serum Beta-HCG and Alfa-Fetoprotein as predictor of pregnancy induced hypertension and its Feto-Maternal outcome.

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43.	Study of fetomaternal outcome in prom (premature rupture of membranes) at term.
44.	Serum B HCG and lipid profile in early second trimester as predictors of pregnancy induced hypertension.
45.	To determine the role of Risk of Malignancy Index in the prediction of Ovarian Malignancy.