

## MS (Obstetrics & Gynaecology)

### Title (Plan of Thesis)

(Session 2016-2019)

<b>S.No.</b>	<b>Title (Plan of Thesis)</b>
1.	Screening and diagnosis of gestational diabetes mellitus by a two phase strategy and its association with perinatal outcome.
2.	Screening for subclinical and overt hypothyroidism in early pregnancy and its relation with materno-fetal outcome.
3.	Study of serum insulin like growth factor-1 (IGF-1) in pregnancies complicated with pre-eclampsia.
4.	Correlation of body mass index with semen parameters and reproductive hormone profile among male partners of infertile couples.
5.	Comparison of single step 2 HR 75-GM glucose challenge test in non fasting state with W.H.O. GTT and glycosylated haemoglobin for diagnosis of gestational diabetes mellitus.
6.	Association of ovarian reserve markers with the outcome of ovulation induction by clomiphene citrate in pcos.
7.	To study maternal HBV DNA in pregnant woman with hepatitis B infection and its association with transplacental transmission to infants.
8.	Study of endometrium by chomo hysteroscopy in infertile women with past history of tuberculosis.
9.	Study of biochemical and hematological response of vit B12 supplementation in pregnant anaemic women with vit B12 deficiency.

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10.	Efficacy of low dose FSH and intrauterine insemination in non responders to clomiphene citrate and intrauterine insemination in unexplained infertility: an observational study.
11.	Study of fetal and maternal outcome following early and delayed cord clamping in births associated with anaemia in pregnancy.
12.	To compare HCG trigger with spontaneous luteinizing hormone surge in a serial ultrasound monitored cycles for timing of intrauterine insemination in infertile women with unexplained infertility.
13.	To study maternal serum lipid profile and apolipoprotein a levels and its correlation with intrauterine growth restriction.
14.	A clinicopathological study of thrombocytopenia in pregnancy and to evaluate its fetomaternal outcome.
15.	Effect of antibiotic treatment on maternal and fetal systemic inflammatory markers and perinatal outcome in women with preterm premature rupture of membranes.
16.	Antral follicle count as a derterminant for defining the starting dose of recombinant follicle stimulating hormone in assisted reproductive technology.
17.	A study of reproductive tract infections in women with high risk behaviour.
18.	Evaluation of early warning score predict adverse maternal outcome in high risk pregnant women.
19.	Clinical evaluation of factors to predict successful vaginal birth after cesarean (VBAC) in cases of previous one lower segment cesarean section (LSCS).

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20.	In vitro fertilization outcome in patients with polycystic ovarian syndrome.
21.	Gestational diabetes mellitus: screening and diagnosis by single step procedure in early pregnancy.
22.	Evaluation of endocervical canal by endocervical curettage and endocervical brush cytology in patients referred for colposcopy.
23.	Placental biometry and uterine artery doppler in prediction of small for gestational age fetuses.
24.	Determinants of still birth among deliveries in a tertiary care centre.
25.	To study the effect of endometrial scratching on serum interleukins levels and implantation rate among women undergoing in vitro fertilization or frozen embryo transfer.
26.	A study of oxytocin regimes for active management of labor in nulliparous women, labor progression and perinatal outcomes.
27.	Effect of intimate partner violence on obstetric outcome: a hospital based observational study.
28.	Association of gestational diabetes mellitus with single nucleotide polymorphism rs266729 in adiponectin gene and the pregnancy outcomes.
29.	Role of oxidative stress and anti-oxidant gene in preeclampsia with reference to organochlorine pesticides: a case-control study.
30.	Role of bed rest in prolongation of pregnancy in preterm premature rupture of membranes: a randomized controlled trial.

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31.	Evaluation of biomarkers P16 <sup>INK4a</sup> /Ki-67 in cervical cytology for diagnosis of cervical intraepithelial neoplasia.
32.	Desogestrel versus LNG-IUS in perimenopausal women as a contraceptive method: a randomized prospective interventional trial.
33.	Serum placental growth factor in late first trimester of pregnancy for prediction of preeclampsia in primigravida.
34.	Comparison of two rapid qualitative assays for prediction of preterm birth in symptomatic women.
35.	Endocervicoscopy with office hysteroscope for complete visualization of transformation zone in cases of invisible squamocolumnar junction on colposcopy.
36.	Comparison of two techniques of semen preparation for intrauterine insemination on pregnancy rates and sperm DNA damage.
37.	Assessment of a combination of clinical maneuvers in evaluation of post laparoscopic pain : a randomized controlled trial.
38.	Evaluation of endometrial scratching on intrauterine insemination outcome and endometrial receptivity.
39.	The study of clinical, metabolic and hormonal profile of women presenting with polycystic ovary syndrome in relation to body mass index.
40.	A study of maternal and foetal outcome in hypertensive disorders of pregnancy.
41.	Comparative study of copper 375 (multiload) with copper T 380 a in interval & post MTP cases.
42.	Prevalence of vitamin D deficiency in burka clad pregnant women.

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43.	The study of platelet indices in pregnancy induced hypertension and its effect on fetal and maternal outcome.
44.	Corelation of intrapartum electronic fetal monitoring with neonatal outcome.
45.	Role of office Vagino Hysteroscopy in Gynecological Disorders.