

MD (Pathology)
Title (Plan of Thesis)
(Session 2013-2016)

S.No.	Title (Plan of Thesis)
1.	Study of the coagulation profile in children with human immuno deficiency virus infection.
2.	Comparison of flow cytometric analysis of cytological specimens with cell block/tissue biopsy immunohistochemistry in hematolymphoid neoplasms.
3.	Study of serum intercellular adhesion molecule – 1 and its association with carbohydrate antigen 15-3 and TNM stage in patients of breast cancer.
4.	To study direct immunofluorescence patterns in cutaneous vasculitis.
5.	Study of serum levels of vascular endothelial growth factor and its receptor in acute lymphoblastic leukemia in children.
6.	Study of CD44 expression in breast carcinoma and to see its association with the molecular subtypes of breast carcinoma.
7.	Study of serum adiponectin, leptin and insulin levels in women with breast cancer.
8.	Histological characterisation of invasive front in infiltrating breast carcinoma: correlation with known clinicopathological prognostic parameters.
9.	Histological changes and mucin expression in cholecystectomy specimens.
10.	To study the aberrant antigen expression in acute lymphoblastic leukemia.
11.	To study the utility of immunocytochemistry in identifying the primary tumor in malignant serous effusions.

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12.	To study the aberrant antigen expression in acute myeloid leukemia.
13.	Presence of mast cells in invasive breast carcinoma and their relation with estrogen receptor, progesterone receptor, HER2NEU.
14.	To study the expression of CK-19 and HBME-1 in papillary carcinoma and follicular neoplasms of thyroid.
15.	Utility of various softening agents in formalin fixed paraffin embedded inflammatory nail biopsies – a pilot study.
16.	Collagen pattern and matrix metalloproteinase – I in amoebic colitis.
17.	An audit of documentation of gynecological cytology practices in a general cytopathology service of a teaching hospital.
18.	Expression of podoplanin in renal malignancies.
19.	Building an assessment tool for cytopathology post graduate students using entrustable professional activities.
20.	Expression of ER, PR and HER2/NEU in breast carcinoma on fine-needle aspiration smears and cell blocks.
21.	Immunocytochemical staining for p16 ^{INK4a} and p53 on conventional pap smears in atypical glandular cells.
22.	Hemostatic abnormalities in patients with head injury.
23.	Association of endothelial nitric oxide synthase (eNOS) gene polymorphism (G894T) in diabetes mellitus (type 2).
24.	Evaluation of C-met gene expression in gastric adenocarcinoma.

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25.	P16 protein expression and its association with ER, PR and HER2 status in carcinoma breast in tertiary care hospital.
26.	Role of inflammation in functional iron deficiency in patients with chronic kidney disease.
27.	Myeloperoxidase polymorphism in young patients with coronary artery disease.
28.	BRCA1 protein expression and its association with ER, PR and HER2 status in carcinoma breast in a tertiary care hospital.
29.	To study the association of HLA-A, HLA-B & HLA-DR mismatches on renal allograft rejection and graft survival till 01 year.
30.	An analysis of nine thrombophilic mutations in young patients of thrombosis: A pilot study.
31.	Status of short tandem repeat (STR) chimerism and clinico-pathological parameters in cases of graft versus host disease following bone marrow transplant.
32.	Evaluation of LOH (Loss of heterozygosity) 1p19q in meningiomas.