HISTOPATHOLOGICAL ANALYSIS OF BIOPSY SPECIMENS OF ONE YEAR AT SHREE BIRENDRA HOSPITAL

Diagrammatic and tabular presentation of diagnoses of biopsy specimens received in one year helps us to refine our knowledge about the incidence and prevalence of various lesions for which histopathological examination is requested. The following is a humble attempt to analyze a total of 1296 lesions diagnosed at the Army Hospital in the year 2060 B.S.

Most frequently biopsied organs:

- Female Genital System
- Appendix
- Gall Bladder
- Skin
- Soft Tissue

Skin (145):
Lesions

- Neoplastic
- Nonneoplastic

36%
64%
Malignant Tumours

- Basal Cell Carcinoma
- Squamous Cell Carcinoma

Soft Tissue (108) Lesions

- Neoplastic
- Nonneoplastic

Tumours

- Benign
- Malignant
Benign Tumours

- Adipocytic
- Vascular
- Neural
- Fibrous

Malignant Tumours

- Malignant Fibrous Histiocytoma
- Leiomyosarcoma
- Epithelioid Sarcoma
- Dedifferentiated Liposarcoma

Bone and Joint (25) Lesions

- Nonneoplastic
- Neoplastic

Tumours

- Benign
- Malignant

53
Nonneoplastic Lesions

- Ganglion: 31%
- Tenosynovitis: 31%
- Chronic Bursitis: 19%
- Chronic Osteomyelitis: 19%

Benign Tumours

- Osteochondroma: 22%
- Chondroma: 22%
- Giant Cell Tumour: 22%

Malignant Tumours

- Chondrosarcoma: 33%
- Osteosarcoma: 33%
- Metastatic (Thyroid): 33%
Oronasal Cavity (33) Lesions

- Neoplastic: 24%
- Nonneoplastic: 76%

Nonneoplastic Lesions

- Inflammatory Polyp: 32
- Reactive Lesions: 32
- Odontogenic Cysts: 20
- Mucocoele: 16

Tumours

- Benign: 12%
- Malignant: 88%
Benign Tumours

Larynx (11) Lesions

Nonneoplastic Lesions
(All Malignant)

- Squamous Cell Carcinoma
- Small Cell Carcinoma
- Adenocarcinoma
- Nonsmall Cell Carcinoma

Diagram showing proportions of neoplastic and non-neoplastic conditions.
Endoscopic Biopsy (99)

Nature of Lesions

Carcinoma as Percent in Involved Sites
Site of Chronic Gastritis

Helicobacter Pylori in Gastritis

Types of Inflammatory Lesions in Stomach
Intestines (35)
Lesions

- Carcinoma
- Polyp
- Fistulous tract
- Ischemic bowel Disease
- Hemorrhoids & Hypertrophied Anal Papillae
- Tuberculosis

Intestines (35)
Lesions

- Ascending Colon
- Sigmoid Colon
- Rectum

Gall Bladder (144)
Lesions

- Inflammatory Lesion
- Adenocarcinoma
Types of Cholecystitis

Appendix (146)
Lesions

Thyroid (15)
Lesions
Lesions

Salivary Gland (5)
Lesions

Lymph Nodes (33)
Lesions
Lesions

Kidney (5) Lesions

Urinary Bladder (11) Lesions
Neoplastic Lesions

Breast (14) Lesions

Male Genital System (72) Biopsy Sites
Commonest Lesions

- Nodular Hyperplasia of Prostate
- Torsion of Testis
- Balanitis
- Scrotal Inflammation

Neoplastic Lesions

- PIN & Carcinoma (Prostate)
- Germ Cell Tumour (Testis)

Female Genital System (289)

Biopsy Sites

- Uterus (Body)
- Cervix
- Ovaries
- Vagina
Female Genital System (289)

Biopsy Sites

Significant Lesions

Cervix

Uterus (Body)
Central Nervous System (2)
Acute Cerebritis with Brain Abscess - 1
Meningioma (Chordoid) - 1

Eye (3)
Trauma - 1
Capillary Hemangioma - 1
Chronic Scleritis - 1

PIVD (23)
Degenerative Changes - All

Tonsils (30)
Tonsillar Hypertrophy with Follicular Hyperplasia - All
Liver (2)
Chronic Hepatitis - 1
Metastatic Adenocarcinina - 1

Spleen (3)
Rupture - All

Bone Marrow (1)
Hyperplastic Marrow

Interns Joke Competition (First Prize)

A Husband’s Moment of Realisation
A woman’s husband had been slipping in and out of a coma for several months, yet she stayed by his bedside every single day. When he came to, he motioned for her to come nearer.

As she sat by him, he said, “You know what? You have been with me all through the bad times. When I got fired, you were there to support me. When my business failed, you were there. When I got shot, you were by my side. When we lost the house, you gave me support. When my health started failing, you were still by my side... You know what?”

“What dear?” She asked gently.
“I think you bring me bad luck.”

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