

Practical Pathology

Scenario of case presentation

Figure: 1- gross. 2- histo.

Questions have to be answered about:

- 1- What is the identification of the organ?
- 2- What is the hisopathological description in brief?
- 3- Theoretical background
- 4- What is your gross or histopathological diagnosis?

- I. Cell injury 11 cases: 7 gross, 4 histo
- II. Inflammation 8 cases: 3 gross, 5 gross+histo
- III. Granulomatous 5 cases: 1 gross, 1 histo, 3 gross+histo
- IV. Circulatory disorders 7 cases: 2 gross, 5 gross+histo
- V. Benign neoplasms 8 cases: 8 gross+histo
- VI. Malignant neoplasms 5 cases: 2 gross, 3 gross+histo

Total of 44 cases: 15 gross, 29 histo

I. 13 organs have only one Pathology

No	Organ	Pathology	Gross	Histo
1	Aortic Valve	Dystrophic calcification	✓	
2	Testis	Testicular atrophy	✓	
3	Gall bladder	Chronic calcification with stones	✓	
4	Esophagus	Carcinoma	✓	
1	Endocervix	Squamous metaplasia		✓
1	Prostate	Prostatic hyperplasia	✓	✓
2	Endometrium	Endometrial hyperplasia	✓	✓
3	Appendix	Acute appendicitis	✓	✓
4	Lymph node	Tuberculous lymphadenitis	✓	✓
5	Blood vessel	Organizing thrombus	✓	✓
6	Uterus	Leiomyoma	✓	✓
7	Ovary	Teratoma	✓	✓
8	Bone	Chondroma	✓	✓

II. 4 organs have 2 pathology

No	Organ	Pathology	Gross	Histo
1	Breast	1.Fibroadenoma	✓	✓
		2.Carcinoma	✓	
2	Liver	1.Fatty change	✓	✓
		2.Chronic venous congestion	✓	✓
3	Connective Tissue	1.Granulation Tissue		✓
		2.Fibrosarcoma	✓	✓
4	Small intestine	1.Infraction	✓	
		2.Lipoma	✓	

III. 3 Organs have 3 Pathology

No	Organ	Pathology	Gross	Histo
1	Brain	1.Liquefactive necrosis	✓	
		2.Brain atrophy	✓	
		3.Brain abscess	✓	
2	Heart	1.Left ventricular hypertrophy	✓	
		2.Precardium fibrinous pericarditis	✓	✓
		3.Myocardial infraction	✓	✓
3	Colon	1.Bilharziasis		✓
		2.Adenoma	✓	✓
		3.Adenocarcinoma	✓	✓

IV. One organ has 4 Pathology

No	Organ	Pathology	Gross	Histo
1	Kidney	1.Infracted Kidney (Coagulative necrosis)	✓	✓
		2.Atrophy	✓	
		3.Pyemic abscesses	✓	
		4.Tuberculosos	✓	

V. One organ has 5 pathology

No	Organ	Pathology	Gross	Histo
1	Lung	1.Tuberculous necrosis	✓	
		2.Miliary tuberculosis	✓	✓
		3.Bronchiectasis	✓	
		4.Pulmonary embolus with infarction	✓	
		5.Chronic venous congestion	✓	✓

VI. One organ has 7 pathology

No	Organ	Pathology	Gross	Histo
1	Skin	1.Dystrophic calcification		✓
		2.Pilonidal sinus	✓	✓
		3.Cutaneous leishmaniasis	✓	✓
		4.Lipoma		✓
		5.Nevus	✓	✓
		6.Haemangioma	✓	✓
		7.Squamous cell carcinoma	✓	✓

13 organs have one pathology

10 organs have more than one pathology