XIII
C. PATHOLOGICAL CLASSIFICATION

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• For reporting, and description of lesions, and in order to come to an understanding with other medical people of any specialty (anywhere in the world) one must be aware of the classification of diseases.					
Diseases may be classified etiologically, as follows :					
.1 Errors of nutrition					
	.11 Disturbances in proteins				
		.111 Albuminous degeneration **.112 Hydropic degeneration** **.113 Amyloid disease 1** **.114 Hyaline degeneration** **.115 Mucoid degeneration** **.116 Gout**			
	.12 Disturbances in lipoids and fats				
		.121 Degeneration **.122 Infiltration** **.123 Atheroma** **.124 Lipoid storage diseases.**			
	.13 Disturbances in carbohydrates				
		.131 Glucose (diabetes) **.132 Glycogen** **.133 Others**			
	.14 Disturbances in vitamins				
		.141 Vitamin A **.142 Vitamin B**			
	.15 Disturbances in minerals				
		.151 Calcium **.152 Iron** **.153 Others**			
	.16 Disturbances in pigments				
		.161 Exogenous **.162 Endogenous** **.163 Others**			
	.17 Atrophy				
		.171 Brown **.172 Ischemic** **.173 Disuse** **.174 Pressure**			

		.175 Others			
	.18 Necrosis				
		.181 Coagulative (infarct) **.182 Liquefactive (softening)** **.183 Caseous** **.184 Gummatous** **.185 Ulcerative** **.186 Gangrenous** **.187 Fat necrosis** ***.188 Others***			
	.19 Other degenerative conditions				
.2 Circulatory or Vascular Disturbances					
	.21 Hyperemia (or-and congestion) ***.22 Ischemia*** ***.23 Thrombosis*** ***.24 Embolism*** ***.25 Infarction*** ***.26 Edema and transudation*** ***.27 Haemorrhage*** ***.28 Vasomotor disturbances*** ***.29 Hypertensive changes*** ***.20 Shock*** ***.2Y Varicosity, aneurism (and alike)*** **(O represents 10 i.e. ten) (Y represents 11 i.e. eleven)**				
.3 Inflammations					
	.31 Acute	**.311 Catarrhal** **.312 Serofibrinous** **.313 Serous and seropurulent** **.314 Purulent and phlegmonous** **.315 Membranous or diphtheritic** **.316 Gangrenous** **.317 Allergic.** **.318 Haemorrhagic** ***.319 Others***			
	.32 Chronic	**.321 Hypertrophic** **.322 Atrophic** ***.323 Others***			

	.33 Specific	**.331 Tuberculosis** **.332 Syphilis** **.333 Leprosy** **.334 Actinomycosis** **.335 Ring-worm** **.336 Others**
		.34 Healing, repair and fibrosis **.35 Sequels of inflammation** **.351 Stricture** **.352 Others** **.36 Miscellaneous inflammations, fibrosis, ulceration and eruptions (alone or in association with other lesions)** **.37 Others**

.4 Infections by micro-organisms and parasites

	.41 Bacteria				
		.411 Bacilli and cocci			
			.4111 Typhoid **.4112 Dysentery** **.4113 Plague** **.4114 Gonorrhea** **.4115 Streptococcal** **.41151 Haemolyticus** **.41152 Viridans** **.4116 Staphylococcal** **.4117 Others** **.412 Spirochetes**		
	.42 Fungi				
		.421 Actinomycosis **.422 Blastomycosis** **.423 Madura** ***.424 Others***			
	.43 Viruses				
		.431 Measles **.432 Influenza** **.433 Small pox** **.434 Encephalitis** **.435 Rabies** **.436 Poliomyelitis** **.437 Others**			

	.44 Protozoa			
		.441 Amoeba **.442 Malaria** **.443 Trypanosoma** **.444 Leishmania** ***.445 Others***		
	.45 Helminths, metazoa and worms			
		.451 Bilharzia **.452 Ancylostoma** **.453 Ascaris** **.454 Hydatid cyst** ***.455 Others*** ***.46 Others or unknown***		
.5 Neoplasia and growth-alterations				
	.51 Benign tumours of epithelium			
		.511 Papilloma	**.5111 Squamous Cell Papilloma.** **.5112 Transitional Cell Papilloma** **.5113 Columnar Cell Papilloma** **(whether simple, branching or villous)** **.5114 Simple** **.5115 Compound** **.5116 Villous** **(Whether Sq. C. or Trans. C. or Column. C.)**	
		.512 Adenoma	**.5121 Simple** **.5122 Cystic** **.5123 Papillary cystic** **.5124 Fibro-adenoma** **.51241 Peri Canalicular.** **.51242 Intra Canalicular.**	
	.52 Benign tumours of connective tissue			
		.521 Fibroma **.522 Myxoma** **.523 Lipoma** **.524 Chondroma** **.525 Osteoma** **.526 Leiomyoma** **.527 Rhabdomyoma** **.528 Synovioma** **.529 Xanthoma** ***.520 Others***		

	.53 Benign tumours of endothelium			
		.531 Haemangioma **.532 Lymphangiomas** **.533 Glomangioma** ***.534 Others***		
	.54 Other benign tumours			
		.541 Naevus **.542 Melanoma** **.543 Neurinoma** **.544 Lymphoma** **.545 Hamartoma** **.546 Ganglioneuroma**		
	.55 Malignant tumours of epithelium			
		.551 Squamous cell carcinoma **.552 Basal cell carcinoma** **.553 Malignant melanoma** **.554 Transitional cell carcinoma** **.555 Adenocarcinoma** **.556 Mucoid carcinoma** **.557 Annular, diffuse, scirrhous, ulcerative carcinoma**		
		.558 Polypoid, Fungating, encephaloid carcinoma **.559 Ulcerative carcinoma (refer)** **.550 Papillary cystadenocarcinoma** **.55Y Undifferentiated, anaplastic carcinoma**		
	.56 Malignant tumours of connective tissue			
		.561 Differentiated sarcomata,	**.5611 Fibrosarcoma** **.5612 Myxosarcoma** **.5613 Liposarcoma.** **.5614 Chondrosarcoma** **.5615 Osteosarcoma.** **.5616 Leiomyosarcoma'** **.5617 Rhabdomyosarcoma.** **.5618 Synoviosarcoma**	
		.562 Undifferentiated sarcomata,	**.5621 Round cell sarcoma,** **.5622 Spindle cell sarcoma** **.5623 Giant cell tumour** **.5624 Mixed cell sarcoma**	
		.563 Embryonal myosarcoma		
		.57 Malignant tumours of endothelium		
			.571 Hemangioendotheliomas **.572 Lymphangioendothelioma**	
		.58 Other (& special): malignant tumours		

		.581 Lymphomas	.5811 Giant follicular lymphoma .5812 Hodgkin's disease .5813 Lymphosarcoma .5814 Reticulum cell sarcoma .5815 Leukaemia (refer)		
		.582 Ewing's tumour .583 Myeloma .584 Mesothelioma			
		.59 Teratoma and mixed tumours			
		.591 Cystic Teratoma .592 Solid Teratoma .593 Embryoma			
		.50 Metastases			
		.501 Carcinomatous .502 Sarcomatous .503 Others			
		.5Y Miscellaneous other tumours			
		.5Y1 Tumours of C.N.S.	.5Y11 Meningioma .5Y12 Astrocytoma .5Y13 Glioblastoma .5Y14 Oligodendroglioma .5Y15 Medulloblastoma .5Y16 Ependymoma .5Y17 Neuroblastoma .5Y18 Neurocytoma		
		.5Y2 Special tumours of ovary			
			.5Y21 Brenner tumour .5Y22 Granulosa cell tumour .5Y23 Arrhenoblastoma .5Y24 Dysgerminoma		
		.5Y3 Locally-malignant tumours			
			.5Y31 Carcinoid of appendix .5Y32 Desmoid tumour .5Y33 Osteoclastoma (refer) .5Y34 Brain tumours (refer) .5Y35 Rodent ulcer (refer)		
		.5Y4 Potentially-malignant tumours			
			.5Y5 Mole .5Y6 Chorion carcinoma .5Y7 Thymoma .5Y8 Pinealoma .5Y9 Ganglioneuroma		

			.5YO Retinoblastoma .5YY Chordoma
.6 Disorders of blood and blood-forming organs			
		.61 Anaemias	.611 Dyshaemopoietic .612 Aplasic .613 Haemolytic .614 Haemorrhagic .615 Others
		.62 Leukaemias	.621 Acute .622 Chronic .6221 Myeloid .6222 Lymphatic .623 Others
		.63 Haemorrhagic diseases	.631 Purpura .632 Haemophilia .633 Others
		.64 Others	
.7Y Endocrine-imbalance (in general)			
	.72 Pineal body ***.73 Adrenal glands*** ***.74 Carotid body*** ***.75 Paraganglion*** ***.76 Thyroid glands*** ***.77 Parathyroid glands*** ***.78 Thymus*** ***.79 Islets of Langerhans*** ***.70 Reproductive glands secreting hormones***		
.8 Abnormalities and errors of development			
	.81 Anomalies		
		.811 Volume (and size) .812 Form (and shape) .813 Colour .814 Structure .815 Number	
	.82 Mal-position		
		.821 Inversion	
	.83 Hermaphrodites		
		.831 True .832 Pseudo .833 Others	

	.84 Monsters			
		.841 Simple **.842 Composite** **.843 Multiple pregnancy**		
	.85 Persistent foetal structures			
		.851 Non-closure **.852 Stenosis** **.853 Diverticulum**		
	.86 Anomalies due to foetal disease			
	.87 Failure of development in general or mal-development			
	.88 Teratoids (refer)			
.9 Trauma				
	.91 Mechanical	**.911 Fracture** **.912 Dislocation** **.913 Wounds** **.914 Immobility** **.915 Sprain** **.916 Rupture** **.917 Intussusception** **.918 Twisting** **.919 Haemorrhage** **.910 Others**		
	.92 Physical agencies of injury			
		.921 Burn **.922 Frost-bite** **.923 Irradiation** **.924 X-ray** **.925 Isotopes** **.926 Others**		
	.93 Chemical poisons			
		.931 Toxins **.932 Drugs** **.933 Others**		
	.94 Chronic, gradual, chemical and mechanical irritative trauma			
		.941 Dust diseases	**.9411 Anthracosis** **.9412 Silicosis** **.9413 Asbestosis** **.9414 Haemosiderosis**	
		.942 Bilharzia ova		
		.943 Stones		
	.95 Others			

.0 Miscellaneous ***(0 represents 10)***				
	.01 Calculosis			
	.02 Hypertrophy	**.021 Hypertrophy with dilatation** **.022 Concentric hypertrophy**		
	.03 Dilatation (alone or-and with other lesions)			
		.031 Cysts **.032 Bronchiectasis** **.033 Emphysema** **.034 Hydronephrosis** **.035 Hydrocephalus** **.036 Others**		
	.04 Disturbances of growth but not tumours			
		.041 Teratoids **.042 Endometriosis** **.043 Tumour-like tissues**		
	.05 Operative procedures			
	.06 Post-operative state			
	.07 Specific artefacts			
	.08 Foreign bodies			
	.09 Any other lesion			

.7 Disorders of ductless glands			
	.71 Pituitary gland	**.711 Anterior**	
		.7111 Hyperfunction (or hyperplasia)	**.71111 Gigantism** **.71112 Acromegaly** **.71113 Cushing's disease**
		.7112 Hypo function	**.71121 Infantilism** **.7113 Tumours**
		.712 Posterior	