

USMLE/COMLEX Most Common	
Addison's	Autoimmune (2 <sup>nd</sup> – infection)
AMI - children	Kawasaki disease
Aneurysm	Abdominal aorta
Aneurysm of Circle of Willis	Anterior communicating a.; bitemporal hemianopsia
AV fistula	Penetrating knife wound.
Blindness	Diabetic retinopathy
Blindness - preventable	Chlamydia
Breast Mass	Fibrocystic Change <small>Carcinoma is the most common is post-menopausal women</small>
Bug in Acute Endocarditis	Staph aureus
Bug in Bacterial Arthritis in young Adults	Neisseria gonorrea
Bug in Bacterial Meningitis – elderly	Strep pneumoniae
Bug in Bacterial Meningitis – newborns	E. coli
Bug in Bacterial Meningitis – toddlers	Hib
Bug in Bacterial Meningitis – young adults	Neisseria meningitidis
Bug in debilitated, hospitalized pneumonia pt	Klebsiella
Bug in Epiglottitis	Hib
Bug in food poisoning	Staph aureus
Bug in GI Tract	Bacteroides <small>2. E. coli</small>
Bug in IV drug user bacteremia / pneumonia	Staph aureus
Bug in opportunistic infection of AIDS	CMV <small>Pneumocystis carinii is most common overall</small>
Bug in PID	N. Gonorrhoeae or Chlamydia
Bug in Pneumonia - Community - typical	Strep pneumoniae <small>2. H. influenza 3. Klebsiella</small>
Bug in Pneumonia - Hospital aquired	Klebsiella <small>2. Psuedomonas 3. E. coli</small>
Bug in Pneumonia - Community - atypical	Mycoplasma <small>2. Legionella</small>
Bug in Subacute Endocarditis	Strep Viridans
Cancer - Leukemia - <14 yo	ALL
Cancer - Leukemia - >60 yo	CLL
Cancer - Leukemia - 15 -39 yo	AML
Cancer - Leukemia - 40 -60 yo	CML
Cancer in Gynecologic - malignancy	Endometrial Carcinoma
Cancer in Infancy	Hemangioma
Cancer in Kids	Leukemia <small>2. Medulloblastoma of brain, cerebellum</small>
Cancer in Men	Prostate CA
Cancer in Women	Leiomyoma aka fibroids
Cancer in Women - malignant	Breast CA
Cancer of the Adrenal Medulla– adults	Pheochromocytoma
Cancer of the Adrenal Medulla– kids	Neuroblastoma
Cancer of the Appendix	Carcinoid - rare metastasis
Cancer of the Bone	Metasteses from Breast & Prostate
Cancer of the Bone - primary - adults	Multiple Myeloma
Cancer of the Brain– Child	Medulloblastoma <small>(cerebellum)</small>
Cancer of the Brain–Adult	Astrocytoma <small>(including Glioblastoma Multiforme) then: mets, meningioma, Schwannoma</small>
Cancer of the Breast	Infiltrating ductal adenocarcinoma
Cancer of the Connective Tissue -benign	Lipoma
Cancer of the Esophagus	Leiomyoma
Cancer of the Esophagus	SCCA
Cancer of the Esophagus - malignant	SCC (60%) > adenocarcinoma (40%)
Cancer of the Heart - adults	Metasteses
Cancer of the Heart - Primary– adults	Myxoma “Ball Valve”
Cancer of the Heart - Primary– kids	Rhabdomyoma
Cancer of the Liver	Metastasis; lung > GI
Cancer of the Liver - benign	Cavernous hemangioma
Cancer of the liver - Primary	Hepatocellular CA
Cancer of the liver - Primary, benign	Cavernous Hemangioma

Cancer of the Mouth	SCC or Mucoepidermoid CA
Cancer of the Mouth - upper lip	Basal Cell CA
Cancer of the Nasal cavities	SCC
Cancer of the Ovary - benign	Serous cystadenoma
Cancer of the Ovary - malignant	Serous cystadenocarcinoma
Cancer of the Pancreas	Adeno (usually in the head)
Cancer of the Pituitary	Prolactinoma (2 <sup>nd</sup> – Somatotropic “Acidophilic” Adenoma)
Cancer of the Placenta - benign	Cavernous hemangioma
Cancer of the Salivary Glands	Pleimorphic Adenoma
Cancer of the Skin	Basal Cell Carcinoma
Cancer of the Small Bowel	Carcinoid - frequent metastasis from ileum
Cancer of the Spleen - benign	Cavernous hemangioma
Cancer of the Stomach	Gastric Adenocarcinoma; intestinal type or diffuse type
Cancer of the Testicles	Seminoma
Cancer of the Thyroid	Papillary Carcinoma
Cancer that invades the Female GU tract	Endometrial Adenocarcinoma
Cancer; malignant lymphoma in kids	Burkitt's lymphoma
Cancer; Site of metastasis	Regional Lymph Nodes
Cancer; Site of metastasis (2 <sup>nd</sup> most common)	Liver
Cancer; Genetic Alteration	p53
Cardiomyopathy	Dilated (Congestive) Cardiomyopathy
Carpal bone dislocation	Lunate
Carpal bone fx	Scaphoid
Chromosomal disorder	Down's
Cirrhosis	Alcohol
Congenital Adrenal Hyperplasia	21-Hydroxylase Deficiency then, 11-
Congenital cardiac anomaly	VSD membranous > muscular
Congenital early cyanosis	Tetralogy of Fallot
Congenital GI anomaly	Meckel's diverticulum
Coronary Artery thrombosis	LAD
Cushings	Exogenous Steroid Therapy (then, primary ACTH, Adrenal Adenoma, Ectopic ACTH)
Death in Alzheimer pts	Pneumonia
Death in Diabetics	MI
Death in HTN	AMI 2. lenticulostrate stroke 3. renal failure (benign nephrosclerosis)
Death in SLE pts.	Lupus Nephropathy Type IV (Diffuse Proliferative)
Death in USA	Ischemic Heart Disease
Dementia	Alzheimer's 2. Multi-Infarct Dementia
Demyelinating Disease	Multiple Sclerosis
Diarrhea - children	Rotavirus
Dietary Deficiency	Iron
Disk herniation	L4-L5
End-stage Renal Disease	Diabetes
Enzyme deficiency	21 hydroxylase - 95% of CAH
Fatal genetic defect in Caucasians	Cystic Fibrosis
Form of Amyloidosis	Immunologic Bence Jones protein in multiple myeloma is also called the Amyloid Light Chain
Form of Tularemia	Ulceroglandular
GI obstruction	Adhesions 2. Indirect inguinal hernia
Glomerulonephritis	IgA nephropathy aka Berger's
Heart Murmur	Mitral Valve Prolapse
Heart Valve in bacterial endocarditis	Mitral
Heart Valve in bacterial endocarditis in IV drug users	Tricuspid
Heart Valve involved in Rheumatic Fever	Mitral > Aortic
Hereditary Bleeding Disorder	Von Willebrand's Disease
Hernia	Indirect

Hypercalcemia	hyperparathyroidism
Hyperparathyroidism - Primary	Adenomas (followed by: hyperplasia, then carcinoma)
Hyperparathyroidism - Secondary	Hypocalcemia of Chronic Renal Failure
Hypertension	Essential (95%) 2. Renal disease
Hypertension - children	Renal disease; cystic disease, Wilm's tumor
Hypertension - young women	Oral contraceptives
Hyperthyroidism	Graves' Disease
Hypopituitarism - adults	Nonfunctioning pituitary adenoma
Hypopituitarism - kids	Craniopharyngioma
Hypothyroidism	Hashimoto's thyroiditis
Intussusception	terminal ileum into cecum
Liver Disease	Alcoholic Liver Disease
Liver infection	Viral Hepatitis - HVA
Location of Adult brain tumors	Above Tentorium
Location of Childhood brain tumors	Below Tentorium
Lysosomal Storage Disease	Gaucher's
Mental retardation	Down's or Fragile X , Fetal alcohol syndrome
Motor Neuron Disease	ALS
Myocarditis	Coxsackie B virus
Nephrotic Syndrome - adults	Membranous Glomerulonephritis
Nephrotic Syndrome - kids	Minimal Change Disease
Opportunistic infection in AIDS	PCP
Peripheral Neuropathy	Diabetes
Portal Hypertension	Cirrhosis
Protozoal Diarrhea	Giardia
Pulmonary HTN	COPD
Renal Failure	Acute tubular necrosis
Right Heart Failure	Left heart failure
Secondary Hypertension	Renal disease
Sexually transmitted disease	Chlamydia
SIADH	Small Cell Carcinoma of the Lung
Single Gene Disorder	Thalassemia
Site of Diverticula	Sigmoid Colon
Sites of atherosclerosis	Abdominal aorta > coronary > popliteal > carotid
Surgical Emergency	Acute Appendicitis
Thyroid disease	Goiter
Tracheoesophageal Fistula	Lower esophagus : trachea / Upper esophagus : blind pouch
Type of Hodkin's	Mixed Cellularity versus: lymphocytic predominance, lymphocytic depletion, nodular sclerosis
Type of Non-Hodgkin's	Follicular, small cleaved
Vasculitis (of medium & small arteries)	Temporal Arteritis
Viral Encephalitis	HSV
Worm infection in US	1. Pinworm 2. Ascaris