

Internal Medicine Topic List  
Valid from 2023-2204 Academic Year

The student chooses one topic from each group

Group 1	Group 2	Group 3
Differential diagnostics of chest pain	Diseases of the esophagus	Peptic ulcer (ventricular, duodenal)
Differential diagnostics of abdominal pain	Diseases with digestion and/or absorption abnormalities	Hepatic cirrhosis
Differential diagnostics of fever	Ulcerative colitis, microscopic colitis	Crohn's disease
Differential diagnostics of anemia	Acute and chronic pancreatitis	Diseases related to cholelithiasis
The unconscious patient (differential diagnostics)	Malignant hepatic tumors: primary and secondary. Biliary malignancies	Colorectal carcinoma
Differential diagnostics of icterus	Gastric tumors	Pancreas tumors
Differential diagnostics of GI bleeding	Diseases of the carbohydrate metabolism (diagnostics). Classification of diabetes mellitus	Acute and chronic complications of diabetes mellitus. Treatment of the acute complications. Screening for chronic complication
Heart failure	Non-insulin antidiabetics	Insulin treatment
Pulmonary embolism	Hyper- and hypothyreodism	Hyperprolactinemia
Atrial fibrillation	Cushing syndrome	Pheochromocytoma
Alcoholism related internal diseases	Adrenal insufficiency	Acromegaly
Blood count analysis	Hypoglycemia	Panhypopituitarism
Hypertension	Gout	Diseases of the lipid metabolism
Pneumonia: community acquired (CAP), hospital associated (HAP)	Hypercalcemia	Hyponatremia
	Acute coronary syndrome	Complications of acute myocardial infarction
	Chronic diseases of the aortic and the mitral valve	Infective endocarditis
	Cardiomyopathies	Heart conduction abnormalities, excluding atrial fibrillation
	Nephritis syndrome	Nephrosis syndrome
	Acute renal failure	Chronic renal failure
	Tubulointerstitial renal diseases	Differential diagnostics of hematuria
	Superficial and deep vein thrombosis	Peripheral arterial obliterative disease
	Mushroom poisoning	Drug-intoxication
	Metanol-ethylen glycol poisoning	Carbon-monoxide and carbon-dioxide poisoning
	Differential diagnostics of sore throat, highlighted: viral pharyngitis, S. pyogenes tonsillopharyngitis, mononucleosis infectiosa	Covid-19 and vaccinations in adulthood
		Viral hepatitis: HAV, HBV. HCV, HEV
		HIV and AIDS
		Fever of Unknown Origin (FUO)
		Highlighted intraabdominal infections: peritonitis, cholecystitis/cholangitis, diverticulitis

Highlighted zoonoses: Lyme, tick-borne encephalitis, toxoplasmosis, tularemia, leptospirosis

Infections of the immunosuppressed patient: neutropenic fever, invasive mycosis, HSV, VZV, CMV, Pneumocystis jirovecii

Highlighted skin-soft tissue infections: erysipelas, cellulitis, necrotizing infections and osteomyelitis

Nosocomial infections (highlighted: MRSA, ESBL producing bacteria, Enterobacterales, Pseudomonas aeruginosa, VRE)

Sepsis, septic shock, toxic shock syndromes

Vasculitis

Systemic lupus erythematoses (SLE)

Progressive systemic sclerosis

Oncologic and haematologic emergencies

Non-Hodgkin lymphomas

Thrombophilia

Chronic myeloproliferative syndromes: CML, PRV, ET, MF

Multiple myeloma

Haemolytic anaemias

COPD

Pulmonary malignancies

Basis of the antimicrobial therapy, stewardship

Differential diagnostics of joint pain

Sarcoidosis

Rheumatoid arthritis (RA)

Differential diagnostics of muscular pain

Oncologic and oncohaematologic supportive treatments

Hodgkin-disease

Thrombocytopenias

Myelodysplasias

Chronic lymphoid leukaemia

Acute leukaemias

Asthma bronchiale