

CONTENT OF THE SUBJECT

Subject:	Pathological Anatomy 1		
Study	<i>Dental Medicine</i>	Study Period:	<i>Winter term</i>
Programme:	<i>Completed (credit)</i>	Subject Type:	<i>Compulsory</i>
Content:	<i>2 h lectures and 3 h practical lessons / week</i>		<i>Total 28/42 hours</i>

Department: **Institute of Pathology UPJŠ FM and UNLP**

Week	Lectures	Practical lessons
1.	Introduction to Pathology	Introduction and information. Conditions for the credit. Final exam in pathology. Principles of the Occupational Health and Safety Preservation at the Forensic Medicine and Pathological Anatomy Workplace of The Healthcare Surveillance Authority. Instruction on the Obligation to Confidentiality. Autopsy.
2.	Cellular Adaptations, Cell Injury and Cell Death	Biopsy, cytology
3.	Acute and Chronic Inflammation	Cell necrosis of renal tubules (1) Caseous necrosis of the lymph node (2) Liquefaction necrosis of the brain (3) Atrophy of the liver (brown atrophy) (4) Fatty infiltration of the heart (5) Extracellular hyaline changes (hyaline arteriosclerosis of the kidney) (6) Hyaline droplets in the renal tubules (7) Hyaline changes in splenic capsule (8)
4.	Hemodynamic Disorders	Fibrinoid necrosis (degeneration) in rheumatoid nodule (9) Amyloidosis of the kidney (10) Fatty change of the liver (fatty liver) (11) Virus-induced cell injury (molluscum contagiosum) (12) Exogenous pigmentation (anthracosis of the lung) (15) Hemosiderosis of the liver (16) Hypertrophy of the heart (18)
5.	Neoplasia	Autopsy
6.	Pathology of the Cardiovascular System	Autopsy

CONTENT OF THE SUBJECT

7.	Pathology of the Respiratory System	<p>Chronic passive congestion of the liver ("nutmeg liver") (19)</p> <p>Chronic passive congestion of the lung (brown induration of lung) (20)</p> <p>Thrombosis (mural thrombosis in aorta) (21)</p> <p>Pulmonary edema (24)</p> <p>Chronic inflammation of the nasal cavities (26)</p> <p>Acute purulent (suppurative) meningitis (27)</p> <p>Acute purulent appendicitis (28)</p>
8.	Pathology of the Gastrointestinal Tract	<p>Chronic granulomatous inflammation (tuberculosis of the lung) (29)</p> <p>Chronic granulomatous inflammation (sarcoidosis of lymph node) (30)</p> <p>Granulation tissue (inflammation in the (sub)chronic stages, connective tissue repair) (31)</p> <p>Organized and recanalized thrombus (32)</p> <p>Chronic granulomatous inflammation around foreign bodies (foreign body granuloma) (33)</p>
9.	Pathology of the Liver, Gallbladder, Pancreas	<p>Squamous metaplasia of cylindrical epithelium (34)</p> <p>Pseudotumor (epidermoid cyst) (35)</p> <p>Preneoplastic disorder (cervical dysplasia) (36)</p> <p>Carcinoma in situ (intraductal carcinoma of the breast) (37)</p> <p>Metastasis of carcinoma in the lymph node (38)</p> <p>Characteristics of malignant neoplasms (parenchyma and stroma, anaplasia, and atypical mitoses) (39)</p>
10.	Pathology of the Urinary System	<p>Fibroma (40)</p> <p>Fibrosarcoma (41)</p> <p>Lipoma (42)</p> <p>Chondroma (43)</p> <p>Osteoma (44)</p> <p>Chondrosarcoma (45)</p> <p>Cavernous hemangioma (46)</p> <p>Leiomyoma (47)</p>

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11.	Pathology of the Female Genital System Pathology of the Placenta and Pregnancy	Malignant fibrous histiocytoma (48) Squamous cell papilloma of the oral cavity (49) Papillary carcinoma of the thyroid gland (50) Squamous cell carcinoma of the lip (51) Basal cell carcinoma of the skin (basalioma) (52) Adenocarcinoma of the colon (54)
12.	Pathology of the Male Genital System Pathology of the Breast	Neurinoma (55) Pigmented nevus of the skin (nevocellular nevus) (56) Malignant melanoma of the skin (57) Benign teratoma (adult cystic type) of the ovary (58) Fibroadenoma of the breast (59) Seminoma of the testis (60) Choriocarcinoma (61)
13	Credit test (Presence form)	Repetition of histomorphological slides
14.	Reserve	Histopathological cases



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12