

CONTENT OF THE SUBJECT

Subject:	Pathological Anatomy 1		
Study	<i>Dental Medicine</i>	Study Period:	<i>Winter term</i>
Evaluation:	<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**

Week	Lectures	Practical lessons
1.	Introduction to Pathology	Introduction to 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 of the student. Organization of the subject, study literature, means of evaluation. Introduction to autopsy seminars. Thanatology
2.	Cellular Adaptations, Cell Injury and Cell Death	Autopsy/Biopsy, cytology
3.	Acute and Chronic Inflammation	Biopsy, cytology/Autopsy
4.	Hemodynamic Disorders	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)
5.	Neoplasia	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)

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6.	Pathology of the Cardiovascular 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 apendicitis (28)</p>
7.	Pathology of the Respiratory System	<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> <p>Repetition</p>
8.	Pathology of the Gastrointestinal Tract	<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> <p>Repetition</p>
9.	Pathology of the Liver, Gallbladder, Pancreas	<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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10.	Pathology of the Urinary System	<p>Malignant fibrous histiocytoma (48)</p> <p>Squamous cell papilloma of the oral cavity (49)</p> <p>Papillary carcinoma of the thyroid gland (50)</p> <p>Squamous cell carcinoma of the lip (51)</p> <p>Basal cell carcinoma of the skin (basalioma) (52)</p> <p>Adenocarcinoma of the colon (54)</p>
11.	<p>Pathology of the Female Genital System</p> <p>Pathology of the Placenta and Pregnancy</p>	<p>Neurinoma (55)</p> <p>Pigmented nevus of the skin (nevocellular nevus) (56)</p> <p>Malignant melanoma of the skin (57)</p> <p>Benign teratoma (adult cystic type) of the ovary (58)</p> <p>Fibroadenoma of the breast (59)</p> <p>Seminoma of the testis (60)</p> <p>Choriocarcinoma (61)</p>
12.	<p>Pathology of the Male Genital System</p> <p>Pathology of the Breast</p>	<p>Repetition of histomorphological slides (1-61)</p>
13	Credit test (Presence form)	Histopathological colloquium
14.	Reserve	Presentation of autopsy cases