

CONTENT OF THE SUBJECT

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| Subject: | Radiodiagnostic | | |
| Study program: | <i>General Medicine</i> | Study period: | 8 th semester |
| | | Subject type: | <i>Compulsory</i> |
| Content: | <i>1/1 h/week</i> | <i>Summer Time</i> | |
| Evaluation: | <i>Exam</i> | Number of credits: | 2 |

Department: **Department of Radiology UPJŠ FM, Hospital AGEL Košice-Šaca, a.s.**

| Week | Lectures | Practicals |
|-------|---|---|
| 1/2 | Introduction to radiodiagnostics. Investigation modalities. Neuroradiology. | Ionizing radiation. Contrast media. Preparation of patients for examination by imaging methods. |
| 3/4 | Pediatric radiology - X-ray, CT, MR. | Examination of GIT by imaging methods. |
| 5/6 | Chest radiology - X-ray, CT. | Chest examination - X-ray, CT. |
| 7/8 | Radiology of the abdomen, pelvis - X-ray, USG, CT, MR. | Examination of abdominal organs - USG, CT. |
| 9/10 | Breast imaging – DMG, USG, MRI, biopsy. | Examination of musculoskeletal system, traumatology of bones. |
| 11/12 | Bone radiology - X-ray, CT, traumatology. | Radiological examination in hematology and endocrinology. |
| 13/14 | Angiology. | Examination of vascular system - intervention. |

Conditions for course completion:

- Lectures - obligatory.
- Seminars - two excused lessons possible.

Assessment:

91 to 100 % awarded 'Pass – A - Excellent',

84 to 90 % award 'Pass – B - Very Good',

75 to 83 % award 'Pass – C - Good',

68 to 74 % award 'Pass – D - Satisfactory',

60 to 67 % award 'Pass – E - Sufficient'.

Recommended literature:

1. Basic Radiology – Michaely.M.Chen. Thomas L. Pope, David J.Ott Lange
2. Radiology 101 The Basics and Fundamentals of Imaging - W. Smith, T. Farrell
3. The Chest X-Ray - G. Lacey, S. Morley, L. Berman
4. CT Teaching Manual - M. Hofer