

**Semmelweis University, Faculty of Medicine - single, long-cycle medical training -
Osztatlan általános orvos képzés**

Name of the host institution (and any contributing institution):

Endokrinológiai Tanszék

Name of subject: Endokrin Onkológia

in English: Endocrine Oncology

in German: Endokrine Onkologie

Credit value: 2

Semester: 7th semester, 8th semester

(in which the subject is taught according to the curriculum)

Hours per week	Lecture	Practical lesson	Seminar
2.0	2.0	0.0	0.0

Hours per semester	Lecture	Practical lesson	Seminar
0.0	0.0	0.0	0.0

Type of course:

optional

Academic year:

2025/26

Language of instruction (for optional and elective subjects):

English

Course code:

AOVEDT1166_1A

(in the case of a new course, to be completed by the Dean's Office, following approval)

Course coordinator name: Dr. Igaz Péter

Course coordinator location of work, telephone availability: Department of Endocrinology,
Department of Internal Medicine and Oncology, 06-1-2660816

Course coordinator position: Department Head, Full professor of medicine

Course coordinator Date and number of habilitation: 2012, 333

Objective of instruction and its place in the curriculum:

Tumors of the endocrine organs are responsible for a considerable part of endocrine diseases. Both frequent neoplasms with major public health relevance (e.g. differentiated thyroid cancer), and more infrequent tumours (like neuroendocrine neoplasms) occur in this category. This course is dedicated to gain a deep insight into the management of endocrine tumors.

Method of instruction (lecture, group work, practical lesson, etc.):

The course consists of lectures where the students are taught in a fully interactive way. Students acquire deep knowledge in the field.

Competencies acquired through completion of course:

Detailed knowledge on endocrine tumors. A better insight on these tumors, deeper understanding of diagnostics and treatment. How to recognize and treat these diseases in contemporary medicine. Questions on pathogenesis, diagnosis and treatment will all be discussed in the lectures.

Course outcome (names and codes of related subjects):**Prerequisites for course registration and completion: (CODE):**

internal medicine - propedeutics (AOKBOK1112_1A, AOKBHK1111_1A), pathology II. (AOKPTK1109_2A, AOKPIB1110_2A)

In the case of multi-semester courses, position on the possibility of and conditions for concurrent registration:

One semester course.

The number of students required to start the course (minimum, maximum), student selection method:

min. 5 students, max. 200 students

Detailed course syllabus (if the course can be divided into modules, please indicate): (Theoretical and practical instruction must be broken down into hours (weeks), numbered separately; names of instructors and lecturers must be listed, indicating guest lecturers/instructors. It cannot be attached separately! For guest lecturers, attachment of CV is required in all cases!)

1. Introduction to the realm of endocrine tumors (Prof. Dr. Peter Igaz, SE Dept. of Endocrinology, Dept. of Internal Medicine and Oncology)
2. The pathogenesis of endocrine tumors. Main molecular mechanisms and laboratory diagnosis (Prof. Dr. Attila Patócs, SE Dept. of Laboratory Medicine)
3. Hereditary tumor syndromes (Prof. Dr. Peter Igaz, SE Dept. of Endocrinology, Dept. of Internal Medicine and Oncology)

4. Aggressive pituitary tumors, pituitary cancer (Prof. Dr. Tóth Miklós, SE Dept. of Endocrinology, Dept. of Internal Medicine and Oncology)
5. Pathogenesis, diagnosis and treatment of differentiated thyroid cancers (Prof. Dr. Peter Lakatos, SE Dept. of Endocrinology, Dept. of Internal Medicine and Oncology)
6. Medullary thyroid cancer - pathogenesis, diagnosis and management (Dr. Géza Nagy, SE Dept. of Internal Medicine and Hematology)
7. Ultrasound signs of thyroid malignancy. Anaplastic thyroid cancer and parathyroid cancer (Dr. Peter Reismann, SE Dept. of Endocrinology, Dept. of Internal Medicine and Oncology)
8. Differential diagnosis of adrenal tumors, establishment of malignancy Adrenocortical cancer: management. (Prof. Dr. Peter Igaz, SE Dept. of Endocrinology, Dept. of Internal Medicine and Oncology)
9. Malignant pheochromocytoma (Dr. Judit Tóke, SE Dept. of Endocrinology, Dept. of Internal Medicine and Oncology)
10. Neuroendocrine tumors and their treatment possibilities (Dr. Andrea Uhlyarik, Dept. of Internal Medicine and Oncology)
11. Hormone sensitive breast and prostate tumors and their hormonal treatment (Dr. Dorottya Mühl, Dept. of Internal Medicine and Oncology, Oncology profile)
12. Paraneoplastic endocrine syndromes (Prof. Dr. Peter Igaz, SE Dept. of Endocrinology, Dept. of Internal Medicine and Oncology)
13. Test exam

Other courses with overlapping topics (obligatory, optional, or elective courses) in interdisciplinary areas. To minimize overlaps, topics should be coordinated. Code(s) of courses (to be provided):

Requirements for attendance, options for making up missed sessions, and method of absence justification:

according to the TVSZ (Study and Exam regulations)

Assessment methods during semester (number, topics, and dates of midterms and reports, method of inclusion in the course grade, opportunities for make-up and improvement of marks):

(number, topics, and dates of midterms and reports, method of inclusion in the course grade, opportunities for make-up and improvement of marks)

The knowledge on the topic will be assessed at the end of the course by a test exam.

Number and type of individual assignments to be completed, submission deadlines:

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Requirements for the successful completion of the course:

Regular attendance of the lectures.

Type of assessment:

term grade

Exam requirements (list of topics, topics of the test exam, and the optional project topics accepted as an exam)

Multiple choice questions, min. 50 % correct answers for a successful exam. The topics for the exam are defined by the lectures, whose files will be uploaded on Moodle following each lecture.

Repeat exam is possible in an oral form with the responsible of the course Prof. Peter Igaz.

Clear, specific minimum requirements for assessment. (The list of mandatory concepts, parameters, diagrams, calculations, and practical skills required to obtain a passing grade, as well as the criteria for the completion and evaluation of project assignments accepted as an exam.) A link published on the department's website referring to the minimum requirements of the course.

Method and type of grading (Share of theoretical and practical examinations in the overall evaluation. Inclusion of the results in the end-of-term assessment. Possibilities of and conditions for offered grades.): (Share of theoretical and practical examinations in the overall evaluation, Inclusion of the results in the end-of-term assessment, Possibilities of and conditions for offered grades)

Multiple choice questions, min. 50 % correct answers for a successful exam.

50-65 % - 2

66-80 % - 3

80-90 % - 4

90-100 % - 5

Theoretical exam.

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Artificial intelligence systems used in the teaching of the subject and the manner of their application

Signature of habilitated instructor (course coordinator) announcing the course:

Signature of the director of the host institution:

Date of submission:
