



Dr. Kelemen Oguz

tanszékvezető egyetemi docens

## GERONTOLOGY LECTURE – AOK-OAKV321

### LEARNING-OUTCOME-BASED SUBJECT DESCRIPTION

<b>Program:</b>	Medicine
<b>Course:</b>	<b>Gerontology lecture – AOK-OAKV321</b>
<b>Type of course:</b>	compulsory elective subject
<b>Academic year/ Semester:</b>	Year    Fall    Spring III/IV. <input type="checkbox"/> <input checked="" type="checkbox"/>
<b>Head of Department</b>	<b>Oguz Kelemen M.D., Ph.D.</b> – associate professor
<b>Educator:</b>	<b>Sándor Benkő M.D., Ph.D.</b> – associate professor
<b>Contact:</b>	+3620/322-4424; e-mail: <a href="mailto:benko.sandor@med.u-szeged.hu">benko.sandor@med.u-szeged.hu</a>
<b>Type of class:</b>	lecture
<b>Parallel Completion:</b>	<b>Gerontology practice – AOK-OAKV322</b>
<b>Weekly hours:</b>	1
<b>Credit vale:</b>	2
<b>Type of examination:</b>	evaluation (5)
<b>Preliminary requirements:</b>	<b>Introduction to Medicine – AOK-KUA391 / AOK-OAK041</b> <b>Medical Anthropology Seminar – AOK-KUA411 / AOK-OAK081</b>

#### Purpose of course:

Consider life expectancy, today. Roughly 10% of the world' population is 60 or older by 2050, that percent will double. In developed nations people over 60 now account for one-fifth of the population, by 2050, they will account for one-third. The main purpose of the course is to give an outline for the old patients.

To gain this purpose, a multidisciplinary approach which has following backgrounds

- Biology of aging
- Path physiology
- Introduction to internal medicine

#### Outcome requirements:

##### Knowledge

- By the end of the course students will be aware of the importance of pathophysiology of old age
- They will know specialty of diagnostic, therapeutic methods in old age.
- Students will know what is the differences in health care of old age.

##### Competences

- Students should acquire the ethical principles of doctor old patients communication
- They able to select appropriate communication strategies for different circumstances.
- They can tolerate frustration in difficult medical situation

##### Attitude

- They show positive attitude towards the old age patients and relatives
- They have sensitive attitude to oldpatients' emotional and social status

##### Autonomy-responsibility

- They should be able to carry out a doctor old patient consultation

**Topics:**

- General principles of geriatric medicine
- History taking with elderly patients
- Physical examination
- Mental status examination
- Evaluation of functional capacity in him elderly
- Laboratory examination
- Progressive constriction of each organ systems
- Intellectual impairment
- Immobility
- Iatrogenic drug reactions
- Community of care
- Quality of life and therapeutic objectives
- Legal and ethical issues
- Care of the dying patient

**Methods:**

- lecture

**Evaluation of the acquisition of expected learning outcomes****Criteria of the completion of the course:**

- **Participation at the lectures as per the general regulations.**
- Oral presentation

**Evaluation:**

- **The final grade is recommended** on the basis of the written case report and of the activity during class. (The conditions of the written summary uploaded on the Coospace.)  
Correcting is possible by oral examination, based on the material of the lectures.

**Recommended reading list:**

- *The Merck Manual of Geriatrics*. Third Edition. 2000.
- Dr. habil Sándor Benkő: *The Subject of Gerontology*
- *Idősgyógyászat* - A Magyar Gerontológiai és Geriátriai Társaság folyóirata. ISSN 2498-8057.  
Online: <https://idosgyogyaszat.hu/folyoirat>



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## GERONTOLOGY PRACTICE – AOK-OAKV322

### LEARNING-OUTCOME-BASED SUBJECT DESCRIPTION

<b>Program:</b>	Medicine
<b>Course:</b>	<b>Gerontology practice – AOK-OAKV322</b>
<b>Type of course:</b>	compulsory elective subject
<b>Academic year/ Semester:</b>	Year    Fall    Spring III/IV. <input type="checkbox"/> <input checked="" type="checkbox"/>
<b>Head of Department Educator:</b>	<b>Oguz Kelemen M.D., Ph.D.</b> – associate professor
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<b>Contact:</b>	+3620/322-4424; e-mail: <a href="mailto:benko.sandor@med.u-szeged.hu">benko.sandor@med.u-szeged.hu</a>
<b>Type of class:</b>	practice
<b>Parallel Completion:</b>	<b>Gerontology lecture – AOK-OAKV321</b>
<b>Weekly hours:</b>	1
<b>Credit vale:</b>	0
<b>Type of examination:</b>	signature
<b>Preliminary requirements:</b>	<b>Introduction to Medicine – AOK-KUA391 / AOK-OAK041</b> <b>Medical Anthropology Seminar – AOK-KUA411 / AOK-OAK081</b>

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- Immobility
- Iatrogenic drug reactions
- Community of care
- Quality of life and therapeutic objectives
- Legal and ethical issues
- Care of the dying patient

**Methods:**

- After the 45 minute long lecture the next 45 minutes are the practice's time.
- Interactive discussion of clinical studies

**Evaluation of the acquisition of expected learning outcomes****Criteria of the completion of the course:**

- **Participation at the practices as per the general regulations.**
- **Written summary**

The written summary is necessary for semester signature and recommending grade.

It's a case report about an imagined geriatric patient: anamnesis (case history) and physical status of a patient suffering in more geriatric diseases (for example Arteriosclerosis gen., Hypertonia. Aorta iunsuff. Pneumonia). Who is diligent, can try to write the further clinical methods.

*Formal requirements:*

Times New Roman, 12 pt, 1.5 spacing, min. 5000 characters (2-3 A4 pages).

First page: name; year; group; title of subject; essay title.

The essay should be **printed and handed to the teacher** on the lecture **AND** it also should be **uploaded on Coospace**. Filename: Student's Name\_Essay's title.

- **Plagiarism will not be tolerated in this course!**

See more information on Coospace.

- **Hospital visiting**

Surveying the **Geriatric Department** in groups.

(Supervisor for medical education: dr. Magdolna Zöllei, entitle associated professor

Leader of Department: dr. Mária Ferencsik, chief of medicine)

Discussing forward the visit time with dr. Benkő.

Everybody needs to spend about 30 minutes in the hospital visiting.

*Participation at the hospital visiting is not mandatory for fourth year students.*

**Evaluation:**

- Signature (Criteria of the completion of the course)

**Recommended reading list:**

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- Dr. habil Sándor Benkő: *The Subject of Gerontology*
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## GERONTOLOGY LECTURE AND PRACTICE

Medicine 3<sup>rd</sup> year – 2023/2024 2<sup>nd</sup> semester

<b>Place</b>	<b>Kukán Ferenc hall, Ophthalmology Clinic</b> 6720 Szeged, Korányi fasor 10-11.
<b>Time</b>	<b>Thursday 17–18<sup>30</sup></b>
<b>Lecturer</b>	<b>Dr. habil Sándor Benkő</b> – 2 <sup>nd</sup> Hospital, Geriatric Department
<b>Hospital visiting</b>	Discussing forward the visit time with dr. Benkő.
<b>Case report</b>	Deadline: <b>19-Apr-2024</b> (CooSpace)

### Schedule

1.	15-Feb-2024	General principles of geriatric medicine
2.	22-Feb-2024	History taking with elderly patients
3.	29-Feb-2024	Physical examination, Mental status examination
4.	7-Mar-2024	Evaluation of functional capacity in him elderly
5.	14-Mar-2024	Laboratory examination
6.	21-Mar-2024	Progressive constriction of each organ systems
<b>7.</b>	<b>28-Mar-2024</b>	<b>SPRING BREAK</b>
8.	4-Apr-2024	Intellectual impairment
9.	11-Apr-2024	Immobility
10.	18-Apr-2024	Iatrogenic drug reactions
11.	25-Apr-2024	Community of care
12.	2-May-2024	Quality of life and therapeutic objectives
13.	9-May-2024	Legal and ethical issues
14.	16-May-2024	Care of the dying patient