

University of Szeged
Department of Forensic Medicine
(6726 Szeged, Kossuth Lajos sgt. 40.)

Forensic Medicine
teaching programme for the Vth year general medical students

Academic year 2018/2019

I. Major curricular topics

1. Thanatology and Forensic Pathology
2. Clinical Forensic Medicine
3. Medical Law and Related Jurisprudence.
4. Insurance medicine

II. Recommended textbooks:

Jason Payne-James ed.: Simson's Forensic Medicine 13th Edition,
2011 Hodder Arnold an Hachette UK Company ISBN-13 978 0 340 986 035

Lecture Notes of Forensic Medicine (Ed.: P. Sótonyi, E. Keller), Semmelweis Publisher, 2008.
ISBN 978 963 9656 92 5

III. Reception hours

Head of Department (dr. Éva Kereszty): Thursday: 9:00-11:00

Educational advisor (dr. Beáta Havasi) contact every day:

havasi.beata@med.u-szeged.hu or Tel: 62/342-910

VI. Dissertation topics and consultants:

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|---|-----------------------|
| 1. Illegal drug use | dr. Éva Sija |
| 2. Laboratory investigation of drug abuse | dr. László Instítóris |
| 3. The role of alcohol in traffic | dr. Katalin Kovács |
| 4. Forensic aspects of DNA investigations | dr. Bernadett Csányi |
| 5. Evaluation of permanent disability | dr. Beáta Havasi |
| 6. Unnatural death | dr. Beáta Havasi |
| 8. Thanatochemistry | dr. Beáta Havasi |
| 9. Diagnostic value of histology in forensic medicine | dr. Roland Weiczner |
| 9. Issues of the health legislation | dr. Éva Kereszty |
| 10. Death detection in the clinical practice | dr. Éva Kereszty |
| 11. Individual topics on student's request | according to topic |

V. Syllabus of academic and practical sessions (Fall semester):

Date		Gr.	11:00-12:15	12:30-13:45
1.	6 Sept.	All	1. Introduction. Essential law (dr. É. Kereszty)	2. What to do with a dead body? Recommendation on autopsy rules (dr. É. Kereszty)
2.	13. Sept.	1.&2.	Autopsy	3. Guest lecturer (Prof. T. Krompecher)
		3.& 4.	Introduction to criminal and civil law	
		5.& 6.	How to fill in a death certificate?	
		7.& 8.	Changes after death	
3.	20. Sept.	1.&2.	How to fill in a death certificate?	Changes after death
		3.& 4.	Changes after death	How to fill in a death certificate?
		5.& 6.	Autopsy	Introduction to criminal and civil law
		7.& 8.	Introduction to criminal and civil law	Autopsy
4.	27 Sept.	1.&2.	Introduction to criminal and civil law	4. Classification of injuries I. (blunt force, sharp object injuries) (dr. B. Havasi)
		3.& 4.	Autopsy	
		5.& 6.	Changes after death	
		7.& 8.	How to fill in a death certificate?	
5.	4 October	1.&2.	Duties of the doctor - Rights of the patients	Histology (vital signs)
		3.& 4.	Scene investigation	Autopsy
		5.& 6.	Autopsy	Scene investigation
		7.& 8.	Histology (vital signs)	Duties of the doctor - Rights of the patients
6.	11. October	1.&2.	Autopsy	Scene investigation
		3.& 4.	Histology (vital signs)	Duties of the doctor - Rights of the patients
		5.& 6.	Duties of the doctor - Rights of the patients	Histology (vital signs)
		7.& 8.	Scene investigation	Autopsy
7	18. October	All	Mid-term assessment	5. Classification of injuries II. (heat, cold, shot wounds) (dr. B. Havasi)
8	25. October	All	Article presentation - Consultation	Article presentation - Consultation
9.	1. November		Bank holiday	
10.	8. November	1.&2.	Autopsy	Poisoning
		3.& 4.	Poisoning	Autopsy
		5.& 6.	Wounds	Toxicology - alcohol analysis
		7.& 8.	Toxicology - alcohol analysis	Wounds
11.	15. November	1.&2.	Wounds	6. Asphyxia, drowning (dr. B. Havasi)
		3.& 4.	Toxicology - alcohol analysis	
		5.& 6.	Poisoning	
		7.& 8.	Autopsy	
12.	22. November	1.&2.	Toxicology - alcohol analysis	7. Forensic psychiatry (dr.É. Kereszty)
		3.& 4.	Wounds	
		5.& 6.	Autopsy	
		7.& 8.	Poisoning	
13.	29. Nov	All	Article presentation - Consultation	Article presentation - Consultation
14.	6. Dec.	All	Making up missed practical	Pre-term end semester exam

Topic (Practicals/Seminars)	Teaching staff	Location
How to fill in a death certificate?	Dr. É. Kereszty	Gellért Albert lecture hall
Introduction to criminal and civil law	Dr. M. Julesz	Library of the department
Changes after death	Dr. B. Havasi	Lecture hall (Yard building)
Histology (vital signs)	Dr. B. Havasi, Dr. R. Weiczner	Library of the department
Duties of the doctor - rights of the patients	Dr. É. Kereszty, Dr. B. Havasi	Gellért Albert lecture hall
DNA - Scene investigation	Dr. B. Csányi	Lecture hall (Yard building)
Poisoning	Dr. B. Havasi	Gellért Albert lecture hall
Wounds	Dr. É. Kereszty, Dr. R. Weiczner	Lecture hall (Yard building)
Toxicology - Alcohol analysis	Dr. L. Institoris Dr. É. Sija,	Library of the department
Autopsy	Dr. K. Katalin, Dr. R. Weiczner, Dr. M. Pintér, Dr. B. Havasi	Dissection room

Topics of academic and practical sessions (Spring semester):

Lectures:

1. Forensic aspects of drug use
2. Identification
3. Sexual offences. Battered child, infanticide.
4. Transportation medicine, traffic accidents
5. Social insurance systems
6. Humanitarian forensic medicine

Practical courses/seminars:

1. Autopsy
2. Medical malpractice
3. Sudden death
4. Toxicology – illegal drugs
5. Forensic aspects of pharmaceutical products
6. DNA in forensic medicine (paternity testing)
7. Health care in custody
8. Histological dating of injuries
9. Assessment of disability. Fitness to drive.
10. Identification

VII. Requirements for the I. semester:

1. Attendance:

Students have to attend at least 75 % of practical courses (9), and 50% of lectures (4).

Three missed practical courses/seminars are accepted, in case of more missed courses students are obliged to provide a certificate and make up for the practical at individually set dates.

2. Mid-term assessment (MTA):

Midterm assessment is organised via coospace exam surface on the 18th of October 2018 at the computer cabinet of the Klebelsberg Library.

Result **bellow 50% or missed** MTA is regarded as failed – student receives 3 extra questions at end-semester exam.

MTA result **above 80 %** -improves the grade of the semifinal exam with 3 bonus points.

3. Course work: (choosing one of the topics below is obligatory):

1. **Article presentation:** Students (in pairs) should choose a scientific article from the recommended texts, prepare and present a short (10 minutes) ppt presentation in the class. (Week 8 and 13.)
2. **Case report:** Students attend on 4 autopsies during the semester. One of the autopsy cases should be reported on the attached form. The cause and manner of death, and the causal link should be determined on the basis of relevant medical information, autopsy findings and auxiliary investigations. Related consultations are offered on week 8 and 13. The reports should be **submitted by 30th November 2018**.

VIII. End-semester Evaluation:

Written coospace exam, pre-term exam date is available on the 6th December 2018.

Szeged, 3rd September 2018.

Dr. Éva Kereszty
Head of Department