

OCCUPATIONAL MEDICINE AND TOXICOLOGY

5TH.YEAR

Winter semester 2015/2016

Course garant: **doc. MUDr. Oto OSINA, PhD.**

STUDY PROGRAM OF PRACTICA

10,15 – 13,00 hod.

- 23.9.2015 - group 2, 9 - doc. MUDr. Oto Osina, PhD.
24.9.2015 Ing. Valachová, PhD., MUDr. Prindešová Bušíková, PhD., MUDr. Hubená, PhD., MUDr. Kováčová, PhD.
- 07.10.2015 - group 3, 10 - doc. MUDr. Oto Osina, PhD.
08.10.2015 Ing. Valachová, PhD., MUDr. Prindešová Bušíková, PhD., MUDr. Hubená, PhD., MUDr. Kováčová, PhD.
- 21.10.2015 - group 4, 11 - doc. MUDr. Oto Osina, PhD.
22.10.2015 Ing. Valachová, PhD., MUDr. Prindešová Bušíková, PhD., MUDr. Hubená, PhD., MUDr. Kováčová, PhD.
- 04.11.2015 - group 5 - doc. MUDr. Oto Osina, PhD.
05.11.2015 Ing. Valachová, PhD., MUDr. Prindešová Bušíková, PhD., MUDr. Hubená, PhD., MUDr. Kováčová, PhD.
- 18.11.2015 - group 6 - doc. MUDr. Oto Osina, PhD.
19.11.2015 Ing. Valachová, PhD., MUDr. Prindešová Bušíková, PhD., MUDr. Hubená, PhD., MUDr. Kováčová, PhD.
- 02.12.2015 - group 7 - doc. MUDr. Oto Osina, PhD.
03.12.2015 Ing. Valachová, PhD., MUDr. Prindešová Bušíková, PhD., MUDr. Hubená, PhD., MUDr. Kováčová, PhD.
- 16.12.2015 - group 1, 8 - doc. MUDr. Oto Osina, PhD.
17.12.2015 Ing. Valachová, PhD., MUDr. Prindešová Bušíková, PhD., MUDr. Hubená, PhD., MUDr. Kováčová, PhD.

1. Day:

The procedures of examination in occupational medicine (family physician, general practitioner, occupational medicine physician) and clinical examination of risk workers. Work history. Diagnostic methods, evaluation of health status, treatment, protection of health. ILO x-ray classification of pneumoconioses. The preventive medical examination of risk workers.

2. Day:

Diagnostic methods used in professional and non-professional lesions caused by toxic agents. The evaluation of biological exposure tests. The atomic-absorption spectrophotometry methods, chromatographic methods.

Review of principal methods of professional diseases treatment. Diagnostic methods used in diseases caused by physical harmful factors (dynamometry, cold test, thermometry, photoplethysmography, heart rate variability).

Medical examination of risk workers.

Final test will be on the end of second practicum.

Conditions to obtain the credit:

100 % participation in practical exercises, final test

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STUDY PROGRAM OF LECTURES

6.11.2015

doc. MUDr. Oto Osina, PhD.

14,15-15,45 hours – Novomeského 7, aula “A”

1/ Occupational diseases caused by harmful factors of working environment. Influence of harmful factors of environment on health condition. Workers' compensation law. Occupational pulmonary diseases. Pneumoconioses (silicosis, asbestosis, coal-miner pneumoconiosis, talkosis). Welder's lungs and hard metal lungs.

13.11.2015

doc. MUDr. Oto Osina, PhD.

14,15-15,45 hours – Novomeského 7, aula “A”

2/ Occupational toxicology and toxicology of life - environment. Professional allergic diseases (rhinitis, asthma bronchiale, hypersensitive pneumonitis). Occupational carcinomas. Occupational infections.

20.11.2015

doc. MUDr. Oto Osina, PhD.

14,15-15,45 hours – Novomeského 7, aula “A”

3/ Physical factors of working environment. Occupational diseases from vibration and from overloading of extremities. Disorders from ionizing and non-ionizing radiation. Occupational stress. Review of occupational diseases from toxic metals.

27.11.2015

doc. MUDr. Oto Osina, PhD.

14,15-15,45 hours – Novomeského 7, aula “A”

4/ Acute inhalatory injuries from toxic gases. Review of diseases caused by aliphatic and aromatic substances. Injuries caused by chemical substances (crash, terrorism). Management of mass accidents.