

Program of Study : General Medicine
Course : Occupational Medicine
Abbreviation : PRL/VA011
Schedule : 22 Hours of Seminars
8 Hours of Practical Training
Course Distribution : 4th Year, 7th and 8th Semester
Number of Credits : 2
Course Form : Seminars, Practical Exercises

Seminars and Practical Exercises:

Teachers:

MUDr. Alena Boriková, Ph.D.
doc. MUDr. Marie Nakládalová, Ph.D.

Study:

Block

Seminars take place in the lecture room of the Clinic of Occupational Medicine – 1st floor, building P.

Block Date:

14. 11. 2022 – 18. 11. 2022
13. 2. 2023 – 17. 2. 2023 ERASMUS
6. 3. 2023 – 10. 3. 2023

Mo	8,00-9,30 Seminary Occupational medicine – introduction, basic facts	9,45-11,15 Seminary Occupational risk factors of work	11,30-13,00 Seminary Diseases of upper extremities caused by vibrations and overloading
Tu	8,00-9,30 Seminary Occupational allergic airway diseases	9,45-11,15 Seminary Pneumoconioses	11,30-13,00 Practical Exercises International classification of radiographs
We	8,00-9,30 Seminary Occupational hearing loss, occ. infectious and skin diseases	9,45-11,15 Seminary Occupational carcinogens	11,30-13,00 Practical Exercises Methods of examinations in occ. medicine - EMG, audiometry, spirometry, water cold test, pletysmography
Th	8,00-9,30 Seminary Industrial toxicology I	9,45-11,15 Seminary Interesting case reports	11,30-13,00 Seminary Industrial toxicology II, acute and chronic caused by radiation
Fr	8,00-11,00 Practical Exercises Diseases typical for various occupations, work with patient, model situations in occupational medicine		11,15-12,45 Repetition of knowledge

Practical exercises:

(Students will be divided into 2 groups)

Tuesday: Description of a chest X-ray according to the ILO, analysis of X-ray documentation of frequent occupational diseases

Wednesday:

Water cold test and pletysmography, screening electromyography, screening audiometry, spirometry, vakuum-compression therapy

Friday:

Work with patient, focusing on risk factors of work and work history, proposal of preventive measures, model situations

The practical training includes excursions into one day care center; therefore, each student must have the coat, slippers and an identification card (badge)!!!

Requirements:

- 90% active attendance on seminars and practical exercises
- describe X ray of chest according the ILO, assess EMG, audiometry, spirometry, water cold test and pletysmography findings

Completed by:

Colloquium (including 80% of the points in the final test)

Apologize due to a serious reason address by e-mail to:
alena.borikova@fnol.cz and in copy to:
jana.zahranickova@fnol.cz on the day of the lesson at the latest. All absence will be replaced with another group or alternatively after an individual appointment.

Literature:

LaDou, J., editor. Current Occupational and Environmental Medicine. San Francisco: McGraw-Hill Companies; 2004, 846 p.

Boriková, A. et al. Selected Chapters from Occupational Medicine. Olomouc: Palacký University Olomouc, 2020, 154 p., ISBN 978-80-244-5647-8

ISBN 978-80-244-5721-5 E- book

Materials for study available on <http://www.moodle.upol.cz>

Journals: American Journal of Industrial Medicine

Occupational and Environmental Medicine