



قسم الطب المهني والبيئي

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DEPARTMENT OF OCCUPATIONAL & ENVIRONMENTAL MEDICINE



كلية الطب - قصر العيني
جامعة القاهرة

Medical Doctorate Degree Occupational and Environmental Medicine (2021-2022)

Course Name: Occupational Medicine (Compulsory) Lectures: CPs: 7 points		Course Code: OEM921-OEMa
Topics	Lecturers	Supervisors
1. Special Occupational Pathology	د / إيمان محمود	أ.د / منى صبحي سيحه
2. Molecular Mechanisms of particle-induced Occupational lung diseases.	د / إيمان محمود	أ.د / منى صبحي سيحه
3. Asbestosis management program	أ.د.م / غاده الشريف	أ.د / يحيى زكريا
4. New perspectives on diagnosis and management of occupational mesothelioma	أ.د.م / غاده الشريف	أ.د / يحيى زكريا
5. Emerging and reemerging Occupational Infections	د / نهال حلمي	أ.د / محمود محمد عمرو
6. Imaging of pneumoconiosis and ILO classifications	أ.د.م / ماري	أ.د / حسين حسن ظايط
7. Cardiopulmonary exercise tests in relation to occupational diseases.	أ.د.م / غاده الشريف	أ.د / يحيى زكريا
8. Multiple exposure in occupations and environment	د / منى عبد الله	أ.د / جهاد أبو العطا
9. Fitness for work	أ.د.م / غاده الشريف	أ.د / يحيى زكريا
10. Return to work after injury	أ.د.م / غاده الشريف	أ.د / يحيى زكريا
11. Disability management and prevention	أ.د.م / غاده الشريف	أ.د / يحيى زكريا
12. Occupational/environmental health implications in high-risk occupations	د / رحاب شحاته	أ.د / جهاد أبو العطا
13. High-risk settlements in environmental health	د / إيمان محمود	أ.د / جهاد أبو العطا
14. Occupational and environmental health issues Ports and ferries	د / منى عبد الله	أ.د / جهاد أبو العطا
15. Occupational and environmental health implications Auto-driving (no human) vehicles	د / عائشة أشرف	أ.د / جهاد أبو العطا
16. Occupational and environmental health implications Robotics	د / بسمه حسين	أ.د / داليا إسماعيل

Lecturers will be every Sunday and Tuesday at the Department - Each Lecture will be 2 hours.
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Topics	Lecturers	Supervisors
17. Occupational and environmental health implications 3D printing	د / عائشة أشرف	أ.د / جهاد أبو العطا
18. Emergencies preparedness at workplace	د / رحاب شحاته	أ.د / إيناس جاب الله
19. Migration and occupational health	د / منى عبد الله	أ.د / داليا شاكر
20. Occupational mental health and workplace violence	د / عائشة أشرف	أ.د / سوسن هلال
21. Occupational Hazards in Microelectronics Industry	د / بسمه حسين	أ.د / أمل السفطى
22. Occupational and environmental standards among healthcare, industrial, agriculture, service and other facilities/activities	د / نهال حلمي	أ.د / بهيره سعيد
23. Risk assessment/analysis/evaluation as well as management in chemical industry, agriculture, ports and ferries, transportation, storage and others	د / منى عبد الله	أ.د / جهاد أبو العطا

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Course Name: Environmental Medicine (Compulsory) Lectures: CPs: 7 points.		Course Code: OEM921-OEMb
Topics	Lecturers	Supervisors
1. Molecular mechanisms of environmental carcinogenesis and Mutagenesis	د / رحاب شحاته	أ.د / سحر فرحات
2. Global Climatic changes and impacts on workers and people.	د / عائشة أشرف	أ.د / حسين حسن ظايط
3. Occupational and environmental health pros/ cons Greening in various economic activities	د / بسمه حسين	أ.د / جمال السمره
4. Occupational and environmental health implications Innovative energy resources	د / منى عبد الله	أ.د / جهاد أبو العطا
5. Improper sewage disposal and unsanitary water and health implication	د / نهال حلمي	أ.د / سحر فرحات
6. Global environment adaptation and controls, emphasizing mitigation and rehabilitation issues.	د / إيمان محمود	أ.د / جمال السمره
7. Modern agricultural practices and its relation to occupational medicine and food safety	د / عائشة أشرف	أ.د / حسين حسن ظايط
8. Aquatic environment deterioration and their effects on health and population	د / نهال حلمي	أ.د / أمل السقطي
9. Occupational and environmental health implications Genetic Modification of Crops	د / منى عبد الله	أ.د / سحر فرحات
10. Occupational and environmental health implications Innovative hazardous waste management	د / رحاب شحاته	أ.د / سحر فرحات
11. Electromagnetic field and health issues.	د / بسمه حسين	أ.د / محمود محمد عمرو
12. Health risks associated with Mobile Phone	د / بسمه حسين	أ.د / محمود محمد عمرو
13. Gene environment interaction	د / إيمان محمود	أ.د / داليا عبد الحميد

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Course Name: Toxicology (Compulsory)		Code: OEM921-OEMc
Lectures: CPs: 6 points		
Topics	Lecturers	Supervisors
1. Emergency medical response to hazardous materials incidents	أ.د.م/ ماري	أ.د. / نرمين حمدي
2. Evaluation of patient with occupational chemical exposure	د / منى عبد الله	أ.د. / نرمين حمدي
3. Evaluation of patient with occupational noxious gases and smoke inhalation exposure	أ.د.م/ غاده الشريف	أ.د. / يحيى زكريا
4. Evaluation of patient with biological and chemical weapons exposure	د / رحاب شحاته	أ.د. / عائشه سمير
5. Evaluation of patient with pharmaceuticals exposure	د / عائشة أشرف	أ.د. / عائشه سمير
6. Evaluation of patient with household products exposure	د / إيمان محمود	أ.د. / عائشه سمير
7. Evaluation of patient with substance of abuse	د / رحاب شحاته	أ.د. / نبيل عبد المقصود
8. Evaluation of patient with heavy metals exposure	أ.د.م / غاده الشريف	أ.د. / يحيى زكريا أ.د. / أمل السفطي
9. Evaluation of patient with agricultural chemicals exposure	د / منى عبد الله	أ.د. / جهاد أبو العطا
10. Evaluation of patient with natural toxins and envenomation exposure	د / رحاب شحاته	أ.د. / جهاد أبو العطا
11. Chelation principals and protocols	د / عائشة أشرف	أ.د. / حسين حسن ظايط أ.د. / أمل السفطي

رئيس القسم
أ.د/ خالد جمال محجوب

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