The first two courses are organised by ESOP (further information available at www.esop.eu), whilst herewith the ESOP-ESO Advanced Masterclass is presented. The Advanced Masterclass will be mainly based on clinical cases covering the majority of diseases and pharmaceutical cases which can occur in the clinical setting. Some cases will be focused on less common cancer entities such as haematological malignancies, paediatric cancer, cancer of geriatric patients, treatment of patients with organ dysfunctions (renal, liver, cardiac, etc.) and rare cancers. The hematopoietic stem cell transplant patients shall be also covered. Clinical cases should familiarise the oncology pharmacist to complex situations where pharmaceutical expertise is required to improve the treatment (toxicities and their management, symptom management, drug interactions of anticancer agents, management of side-effects, etc.), oncological emergencies and patient counseling. Current practice, recent advances and emerging therapies as well as case studies highlighting pertinent issues shall be introduced. Pharmaceutical situation shall also refer to the content of prior levels like problems concerning drug stability, physico-chemical compatibility and their possible effects on the patient’s therapy.

Main topics:

- Clinical cases covering the majority of the diseases and pharmaceutical cases that can occur in the clinical setting
- The hematopoietic stem cell transplant patient and other complex situations
- Toxicities and symptom management
- Drug interactions of anticancer agents
- Oncological emergencies
- Patient counseling
- Clinical trials
- Research
- Collective prescription process
- Drug and therapeutic committee
- Pharmaco-economics

Learning objectives:

- To actively participate with the medical team to the initial management of a cancer patient whatever the tumor location, i.e. definition of the best chemotherapy and the appropriate support treatment, especially based on pharmacokinetics, pharmacodynamics and pharmacogenetics considerations
- To furnish to medical team and nurses all relevant information about new anticancer treatments, their administration and side-effects with a specific concern on pharmaceutical problems such as stability issues
- To manage the potential side-effects of the treatment by the definition of an appropriate prevention plan and their follow-up, especially for out-patients receiving oral anticancer therapies
- To propose a relevant educational plan for the patient (and its family), related to its treatment, with particular focus on the prevention of drug/drug and drug/food interactions

Participant’s profile:

The Advanced Masterclass is tailored for experienced cancer service pharmacists who would like to enhance their knowledge in specific or specialized areas. It is highly recommended that participants have attended both the Basic and the Intermediate Masterclass and have already acquired substantial professional experience as a pharmacist specialized in oncology. In addition, a case report from their own practice is to be submitted, which will be discussed during the Masterclass. The involvement in scientific activities will be considered in the applications selection. Besides, fluency in English will be required.

Further information:

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