

OBJECTIVE STRUCTURED PRACTICAL EXAMINATION
226 «Pharmacy, industrial pharmacy»

Algorithm of task's performance at the station OSPE №9 Clinical Pharmacy
(station name)

1. Say hello and introduce the code;
2. Obtain the task, read it carefully;
3. Run the tasks on practical skills and notify the result according to the algorithm;
 - 1) Describe the given disease:
 - Specify the definition of the disease.
 - Indicate the specific clinical signs and symptoms.
 - To substantiate the approaches to the treatment of the disease.
 - 2) Choose the optimal medicines from the proposed list to treat the specified condition.
For each selected drug, specify the following:
 - international non-proprietary name,
 - pharmacotherapeutic group,
 - the direction (etiological, pathogenetic, symptomatic, substitute, and other) of application,
 - reasonability and purpose of application.

To determine the optimal regimen of medication:

 - dose of medications,
 - the type of dosage form and route of administration (explain advantages over other types),
 - time, frequency, and duration of use,
 - rules of medicines administration and application.
 - 3) To evaluate the probability of drugs interactions and side effects of medicines:
For each selected medicine, indicate the following:
 - predicted side effects,
 - results of potential interaction with medicines and other types of interactions.
 - 4) To justify the potential influence of different factors on the effectiveness and safety of pharmacotherapy:
 - contraindications,
 - pharmacokinetic properties of the medicines,
 - anatomical and physiological characteristics of the patient (age, gender, condition),
 - concomitant diseases, etc.
 - 5) To propose measures for the prevention and/or elimination of predicted complications of pharmacotherapy.
4. On a signal, switch to another station according to the route sheet.