



CASE REPORT

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Developed & Funded by ESOP Education Committee

A 69 YEARS OLD WOMAN WITH STAGE IV SMALL CELL LUNG CARCINOMA

AUTHORS:

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AUDIENCE:

Oncology Pharmacists, Pharmacists, Pharmacy Technicians.

GOAL:

The goal of this activity is to reinforce and highlight common concepts, situations, and presentations that Oncology Pharmacists will encounter on a regular basis in order to provide supportive continuing education that illustrates real-world conditions and situations.

TARGET BEHAVIOUR:

Upon completion of this activity, participants will be able to have access to knowledge of cytotoxics pharmacokinetics, possible differences with concentration, storage environment like containers and protection from sunlight.

STORY & INFORMATION:

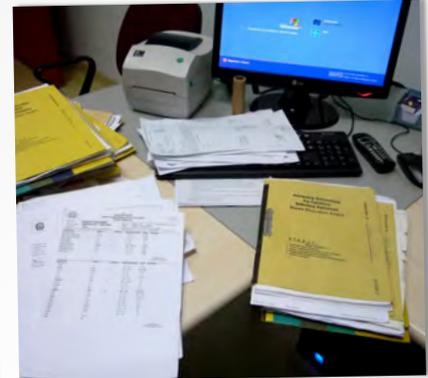
69 years old female patient, undergoes treatment in Oncology Department with Stage IV Small Cell Lung Carcinoma. The patient will take the chemotherapy treatment for first time. Medical Oncology Doctor designed to implement the patient with Carboplatin+Etoposide protocol.

(Weight: 58 kg Height: 160 cm Body Surface Area:1.60 m²)

Protocol:

Cytotoxic	Dose	Route	Schedule
Carboplatin	(AUC5) 410mg.	iv 1/2 hour infusion	1st day*
Etoposide	100mg/m ²	iv 120 min infusion	1st 2nd 3rd days*

*Repeat every 3 weeks, after fourth cure sent patient about a whole diagnose.



PROTOCOL INCOME



PREPARATION



TROUBLED ETOPOSIDE

PREPARATION:

09:00AM:

410mg Carboplatin and 500ml Saline %0.9 Solution inserted to the sunlight protected bag with secondary colored bag; 160mg Etoposide 100ml Saline %0.9 Solution inserted to the EVA bag and all preparations made under sterile safety cabinet conditions with closed connector systems.

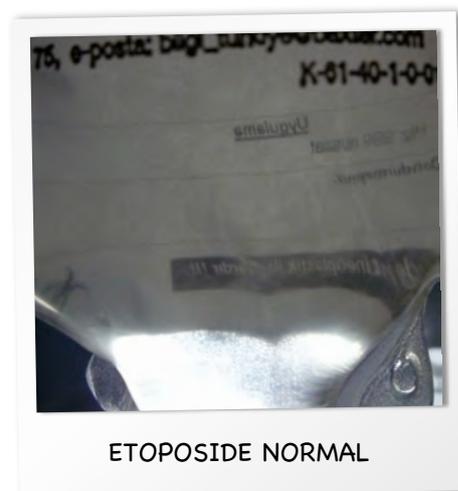
09:30AM: It transported to the department.

ADMINISTRATION:

Chemotherapy Nurse verified the final Etoposide bag next to the patient, but she detected that the solution was not brilliant. It was blurred. Chemotherapy nurse got anxious about this situation and called the physician first and phoned pharmacy. Physician said that the amount of Etoposide rate was true and nurse could administrate the vial with 1000 ml Saline %0.9 Solution. Oncology Pharmacist came to the administration unit, investigated the final Etoposide bag, refused the physician advice, sent it back to Central Cytotoxic Preparation Unit, Pharmacy.

CONCLUSION&DISCUSSION:

Oncology Pharmacist's decision is true or false?Why?



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