



Gynecologic Disease Center

At Walter Reed Army Medical Center

DOXIL (Doxorubicin Hydrochloride Liposome Injection)

Drug is an antitumor antibiotic and is a vein irritant. Given intravenously.

Drug is encapsulated in STEALTH liposome's that allow the drug to go undetected in the blood and allow the drug to have a longer circulation time. It is thought that the liposomal-encapsulated drug is able to penetrate the tumor through abnormal capillaries and then, once inside the tumor, the drug accumulates and is released.

Palmar-Plantar Erythrodysesthesia (Hand-Foot Syndrome) (PPE): Occurs in approximately 34% of patients with ovarian cancer. Signs and symptoms: swelling, pain erythema, possibly progressing to peeling of the skin on the hands and feet, usually occurs 6 weeks after starting treatment. Reactions are generally mild, not requiring treatment delays. However, in some patients, reactions can be severe and debilitating, necessitating discontinuation of treatment.

Fingernails and palms of your hands may turn dark (hyper pigmentation), especially if you are dark skinned.

Causes discoloration of urine (from pink to red for up to 48 hours) and increased sensitivity to the sun. May cause "recall phenomenon" --recalls reaction to tissue that has previously been treated with radiation.

Loss of appetite is common.

Affects all blood cells - white blood cells (WBC), red blood cells (RBC) and platelet (PLTS) within 10 -14 days of being given and it takes 21 - 24 days for the cells to recover.

Excreted through the liver.



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202-782-9278 (Fax)

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