

Chemotherapy Certification Exam (Latest 2023/ 2024 Update) Questions and Verified Answers|100% Correct- Grade A

Q: What foods do you avoid when taking Procarbazine?

What are some examples?

Answer:

Tyramine

Ex: Cheese, alcohol, cured meats, smoke fish

Q: This metabolite drug requires vigorous hydration, dexamthasone, anti-emetics, and folic acid?

Answer:

Pemetrexed (Alimta)

learnexams

Q: Where are the most common sites of metastasis?

Answer:

Bone, Brain, Liver, Lung

Q: How do you treat an extravasation of an Anti-tumor antibiotic Anthracyclines?

Answer:

Stop the infusion immediately and put a cold compress on the site

Q: What is the total dose you can have of Doxorubicin?

Answer:

<450-550mg/m²

Q: What is adjuvant therapy?

Answer:

Prophylactic treatment

Chemo after surgery

Surgery is primary treatment

Q: What is neo-adjuvant therapy?

Answer:

Administer chemo prior to surgery to shrink the tumor

learnexams

Q: What is chemotherapy?

Answer:

Cytotoxic drugs that destroy cancer cells or prevent cellular replication by interfering with DNA and RNA and vital cellular proteins

Q: What is the goal of chemotherapy?

Answer:

eliminate enough tumor cells so the body's defense can eradicate any remaining cells

Q: What are the 5 stages of the cell cycle in order?

Answer:

Gap 0- resting phases
Gap 1- Post mitotic phase
Synthesis
Gap 2- pre mitotic or post synthetic
Mitosis

Q: Where do cell-cycle specific drugs work best?

Answer:

Within certain phase of the cell
Most effective in the Synthesis and mitosis phase

Q: What are the groups of drugs under Cell-cycle specific drugs?

Answer:

PAM

Plant Alkaloids
Antimetabolites
Misc. Agents

learnexams

Q: With cell-cycle specific drugs when is the greatest tumor kill?

Answer:

When given in divided doses or continuous infusions with short cycle time

Q: With cell-cycle specific drugs do they act on rapidly dividing or slow dividing cells?

Answer:

Rapidly dividing cells

Q: Should you keep your patient on a regular schedule or should you dose adjust with cell-cycle specific drugs?

Answer:

Keep a regular schedule

Q: If your pt taking a cell-cycle asks if they can skip their next dose so they can go on a family vacation what would you say?

Answer:

That's probably not the best idea since the drug you are taking works best if you keep the drug levels up in your body. It's very important to remain on a schedule as best you can so we can have the best impact on your tumor.

Q: Where do cell cycle non-specific drugs work in the cell?

Answer:

In all phases including G0

Q: Are cell-cycle non-specific drugs more effective in treating rapidly dividing cells or slower dividing cells?

Answer:

Slower dividing cells

Q: What is cell kill related to with cell-cycle non-specific drugs?

Answer: