Model chemotherapy orders for women with optimally debulked stage III ovarian cancer, no prior chemotherapy, with appropriate performance status and physiologic function

Paclitaxel 135 mg/m² IV (by 3-hour infusion), Day 1
Cisplatin 75 mg/m² IP, Day 2
Paclitaxel 60 mg/m² IP, Day 8
All chemotherapy may be given in the outpatient setting
Repeat every 3 weeks for 6 courses

Laboratory evaluation prior to chemotherapy
Day 1. 8 ANC ≥ 1, platelets ≥ 100K
Day 2 Creatinine ≤ 1.5

Day 0
Dexamethasone 20 mg po the night before

Day 1
Dexamethasone 20 mg PO 6 hours before treatment
(Substitution: single-dose regimen of intravenous dexamethasone 10 mg-20 mg given 30 minutes before paclitaxel)
Ranitidine 50 mg IVPB x 1 give 30-60 minutes before paclitaxel
Diphenhydramine 50 mg IVPB x 1 IV 30-60 minutes before paclitaxel
Paclitaxel 135 mg/m² IV (by 3-hour infusion)

Day 2
Palonosetron 250 mcg IVPB
Dexamethasone 12 mg PO/IV
Aprepitant 135 mg PO

Hydration before cisplatin:
Normal Saline @ 350 ml/hour x 1000 ml
Monitor ins and outs hourly
Notify MD/ nurse practitioner if urine output less than 100 mg/hour x2 hours

Cisplatin 75 mg/m² IP in 2 liters of saline, infused by gravity fully open.
It takes about one hour for a liter to go in. The patient will need a bed at the outpatient facility so that she can lie flat or with slight head elevation for the infusion of intraperitoneal chemotherapy. Should ascites be present, it should be drained before instillation of the drug. This may occur on cycles 1 and/or 2. The total volume of fluid administered IV should balance the total volume of ascitic fluid drained. If the patient has a liter of ascites drained before receiving two liters of fluid IP, then she will need an additional liter of IV hydration over the next 24 hours.

Hydration after cisplatin
Normal Saline @ 350 ml/hour x 5 hours
Monitor ins and outs hourly
Notify MD/ Nurse Practitioner if urine output is less than 100 mg/ hour x 2 hours

Day 3
Dexamethasone 12 mg PO
Aprepitant 80 mg PO in am

Day 4
Dexamethasone 12 mg PO
Aprepitant 80 mg PO in am

Day 8
Dexamethasone 10 mg IVPB x 1 30 minutes before paclitaxel
Ranitidine 50 mg IVPB x 1 give 30-60 minutes before paclitaxel
Diphenhydramine 50 mg IVPB x 1 IV 30-60 minutes before paclitaxel
Paclitaxel 60 mg/m2 in 2 liters of saline IVPB

PRN Antiemetics
Metoclopramide 10 mg PI every 4 hours as needed for nausea or vomiting or
Prochlorperazine 10 mg PO every 6 hours as needed for nausea or vomiting or
Ondansetron 8 mg every 8 hours as needed
Plus lorazepam 1-2 mg PO every 4 hours as needed for nausea or vomiting or
anticipatory anxiety

Repeat every 3 weeks for 6 courses.