PENNSTATE HERSHEY
Cancer Institute

REVISED April 2012

LARSON REGIMEN: PHASE I

Blood 1995; 85: 2025-2037

Date written _____ To begin _____

Patient's: Height_____cm Weight_____kg BSA_____m^2
Allergies: ☐No ☐Yes: _____
Diagnosis _____ Metastatic Site _____

Protocol:
☐Yes #_____
☐ No
Source of Drug:
☐Routine supply
☐Protocol supply
☐Other

1. Laboratory Studies: CBC with diff, CMP, uric acid prior to therapy
2. Consent Obtained ?
   ☐ Yes ☐ Preprinted Consent ☐ See Dictated Note ☐ Note in Chart
   ☐ No Plan: _____
3. **ACTIVATE ORDER SET: CHEMO LARSON REGIMEN PHASE 1 ADULT**
4. Premedications:
   Antiemetics: Prochlorperazine 10 mg po q4h prn nausea/vomiting
   Prochlorperazine 10 mg IV q4h prn nausea/vomiting intolerant of oral meds
5. Chemotherapy:
   ☐ **Age < 60:**

(Date) Day 1,2,3: Ondansetron 16 mg po 30 min prior to chemo

_____ Day 1 Cyclophosphamide 1200 mg/m^2 =_____mg IV infuse over 30 minutes

_____Day 1, 2, 3 Daunorubicin 45 mg/m^2=_____mg IV
_____
_____

_____ Day 1, 8, 15, 22 Vincristine 1.4 mg/m^2 (max 2mg)=_____mg IV
_____
_____
_____

_____Day 5 ☐ Pegasparaginase ☐ 2000 International Units/m^2=_____IU
☐ 2500 International Units/m^2=_____IU
_____Day 19 given IV over 1-2 hours in 100 ml NS or d5W on day 5 and day 19.
_____
_____ OR
_____ ☐ Asparaginase 6000 International Units/m^2=_____IU given
_____ subcutaneously days 5, 8, 11, 15, 18, 22.

_____to_____ Days 1-21 Prednisone 60 mg/m^2 =_____mg po daily
Then Prednisone 80 mg po days 22-24 40 mg po days 25-27
20 mg po days 28-30 15 mg po days 31-34
10 mg po days 35-39 5 mg po days 40-44
5 mg po qod days 45-55 (10 days)

_____ to _____Day 22-65 Trimethoprim/sulfamethoxazole 1 double strength tab po BID
Monday, Tuesday, Wednesday of each week

MD/Preparer's Signature _____

Attending Physician Signature_____

MR CHEMO ORDER

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☐ **Age ≥ 60:**

(Date)

_____ Day 1,2,3:

_____ **Ondansetron 16 mg po q24h for 3 days, 30 min prior to chemo**

_____

_____Day 1 **Cyclophosphamide 800 mg/m^2 =_____mg IV**

_____Days 1, 2, 3 **Daunorubicin 30 mg/m^2 =_____mg IV**

_____

_____

_____Day 1, 8, 15, 22 **Vincristine 1.4 mg/m^2 (max 2mg)=_____mg IV**

_____

_____

_____

_____Day 5 (? day 19) **Pegasparaginase 2000 International Units/m^2=_____IU**

_____ **given over 1-2 hours in 100 ml NS or D5W once on day 5**

_____ to _____ Days 1-7 **Prednisone 60 mg/m^2 =_____mg po qd x 7 then dc**

6. Laboratory testing

On admission/day of chemotherapy: CBC with diff, CMP, Uric acid

Every Monday/Thursday: CBC, PT, PTT, fibrinogen, glucose

Days 5, 8, 15, 22: Amylase, lipase, LFT: If abnormal, review with MD prior to administering chemotherapy.

MD/Preparer's Signature _____

Attending Physician Signature_____

MR CHEMO ORDER