Systemic Anti Cancer Treatment Protocol Guide

Oncology Methotrexate Prescribing Guide POMB ACE

PROTOCOL REF: GPHAOMPGGC (Version No: 1.0)

Background

Folinic acid rescue is required with high dose methotrexate in the POMB ACE treatment regimen. Folinic acid must be prescribed against the inpatient account independently from the chemotherapy. This protocol lays out the steps required to do this safely.

Approved for use in:

• Patients who are receiving POMB ACE within an inpatient setting

Key Information:

- When a patient is receiving the POMB ACE regimen, they will require a folinic acid rescue prescribing to commence **exactly 36 hours after the start time of the methotrexate infusion.**
- Nursing staff will alert you that this needs to be prescribed.
- THIS MUST BE PRESCRIBED IN ADVANCE PRIOR TO METHOTREXATE INFUSION COMPLETION
- Folinic acid rescue must be prescribed to prevent major toxicity and renal failure. Failure to do so can delay treatment.

Responsibilities

- All ward doctors and NMPs are responsible for following this protocol.
- To be prescribed by ward doctors.
- The process below MUST be followed on a 24 hour basis until the course of folinic acid is completed. Should the 96hr Methotrexate level be >0.1 the

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duration of folinic acid IV fluids may need extending as and should be discussed with the clinical team.

Timings and Actions Required:

Time (hrs)	Required Action							
0	Methotrexate infusion commences.							
	Folinic acid rescue to be prescribed.							
	Screenshot of Prescription Order Set							
	Order SCH Status Start/Stop 🖫 💭 Folinic acid rescue (POMB/ACE)							
	─ Folinic acid POMB/ACE regime ✓ folinic acid 15mg in NaCl 0.9% over 30min Q6H SCH New Fri 20 Nov 16:30 after 12 bags							
	NOTE - YOU WILL HAVE TO ENTER THE START TIME MANUALLY							
	Order Start/Stop Status folinic acid 15mg in NaCl 0.9% over 30min Q6H Sun 22 Nov 04:30 folinic acid 15 Nov 04:30 folinic acid 15 Nov 04:30 New							
	*Clinician Errington,Douglas							
	* IV Fluid * Volume Per B Sodium Chloride 0.9% [Sodium Chloride 0.9% Infusion 100 Ml] 100							
	Additive/Medication 2 *Amount Units Folinic Acid [Folinic Acid (As Calcium Folinate) 350mg/35ml] 15 mg							
	Total Volume 101.5 Unit ml							
	Titrate Yes No *Rate 206 Istart Time 04:30 *Units mls/hr Istart Time 04:30 *Frequency Q6H Stop Date Tue 24 Nov Infusion Site Iv INFUS Days *Route IV INFUS Hours Infusion							
+24	Methotrexate infusion terminates and methotrexate level taken.							
+36	Commence folinic acid rescue							
	15mg every SIX hours for a TOTAL of TWELVE doses							

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+48	Methotrexate level taken
+72	Methotrexate level taken
+96	Methotrexate level taken

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