

Regimen Reference Order – GAST – TNT (RAPIDO)

ARIA: GAST - [mFOLFOX6 (RAPIDO)]

GAST - [XELOX (RAPIDO)]

Planned Course: Short-course radiation, followed by:

Neo-Adjuvant Phase: mFOLFOX6 every 14 days for 9 cycles OR XELOX every 21 days for 6 cycles, followed by surgery

Indication for Use: Rectal Cancer; Total Neoadjuvant Therapy (TNT)

CVAD: Required (Ambulatory Pump) for mFOLFOX6

Proceed with treatment if:

ANC equal to or greater than $1.5 \times 10^9/L$ AND Platelets equal to or greater than $75 \times 10^9/L$

❖ Contact Physician if parameters are not met

SEQUENCE OF ADMINISTRATION

Pre-treatment Requirements

Drug	Dose	CCMB Administration Guideline
Not Applicable		

Treatment Regimen – GAST – TNT (RAPIDO)

Neo-Adjuvant Phase

Option #1: mFOLFOX6 every 14 days for 9 cycles

Establish primary solution 500 mL of: D5W

Drug	Dose	CCMB Administration Guideline
ondansetron	16 mg	Orally 30 minutes pre-chemotherapy
dexamethasone	12 mg	Orally 30 minutes pre-chemotherapy
oxaliplatin	85 mg/m ²	IV in D5W 500 mL over 2 hours <i>*Nursing Alert: oxaliplatin and leucovorin may be infused over the same 2-hour period using a Y-site connector</i>
leucovorin	400 mg/m ²	IV in D5W 500 mL over 2 hours
fluorouracil	400 mg/m ²	IV push over 5 minutes
fluorouracil	2400 mg/m ²	IV in D5W continuously over 46 hours by ambulatory infusion device

OR

Option #2: XELOX every 21 days for 6 cycles		
Establish primary solution 500 mL of: D5W		
Drug	Dose	CCMB Administration Guideline
ondansetron	16 mg	Orally 30 minutes pre-chemotherapy
dexamethasone	12 mg	Orally 30 minutes pre-chemotherapy
oxaliplatin	130 mg/m ²	IV in D5W 500 mL over 2 hours
capecitabine	1000 mg/m ²	Orally twice daily on Days 1 to 14 , followed by 7 days off Take with food. Swallow whole (Self-administered at home)
All doses will be automatically rounded that fall within CCMB Approved Dose Bands. See Dose Banding document for more information		
capecitabine (XELODA®) available dosage strengths: 150 mg and 500 mg tablets		
Classification: Cytotoxic, Hazardous		

In the event of an infusion-related hypersensitivity reaction, refer to the 'Hypersensitivity Reaction Standing Order'

REQUIRED MONITORING

All Cycles

- CBC, serum creatinine, urea, electrolytes, liver enzymes and total bilirubin as per Physician Orders

Recommended Support Medications – GAST – TNT (RAPIDO)

mFOLFOX6 OR XELOX		
Drug	Dose	CCMB Administration Guideline
dexamethasone	8 mg	Orally once daily on Days 2 and 3
prochlorperazine	10 mg	Orally every 6 hours as needed for nausea and vomiting

DISCHARGE INSTRUCTIONS

mFOLFOX6 OR XELOX (Neo-Adjuvant Phase)

- Instruct patient to continue taking anti-emetic(s) at home
- Reinforce applicable safe handling precautions of medications, blood and body fluids for 48 hours after completion of chemotherapy
- For patients prescribed mFOLFOX6:
 - Ensure patient has received a home chemotherapy spill kit and instructions for use

ADDITIONAL INFORMATION

mFOLFOX6 OR XELOX (Neo-Adjuvant Phase)

- Neo-Adjuvant treatment starts 11 to 18 days after completion of short-course radiation
- oxaliplatin causes cold intolerance and laryngopharyngeal dysesthesia
 - no ice chips or cold drinks
- oxaliplatin may cause progressive, irreversible neuropathy
 - dose modification may be required
- capecitabine can cause diarrhea, hand-foot syndrome and neuropathy