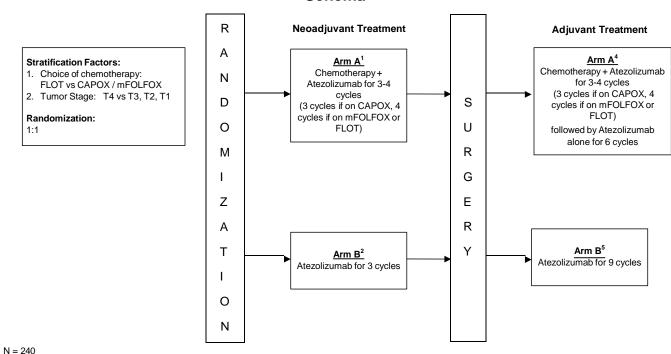
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Schema



1. Arm A Neoadjuvant: Prior to randomization, the treatment physician must select one of the following chemotherapy regimens outlined below (see Section 5.2 for detailed administration guidelines).

Arm A Option 1 FLOT: Day 1 Docetaxel 50 mg/m² IV, Oxaliplatin 85 mg/m² IV, Leucovorin 200 mg/m² IV, Fluorouracil (5-FU) 2600 mg/m² IV continuous infusion over 24 hours, Atezolizumab 840mg mg IV. Repeat cycle every 14 days for 4 cycles.

Arm A Option 2 mFOLFOX: Day 1 Oxaliplatin 85 mg/m² IV, Leucovorin 400 mg/m² IV, Fluorouracil (5-FU) bolus of 400 mg/m² followed by Fluorouracil (5-FU) 2400 mg/m² IV continuous infusion over 46 hours, Atezolizumab 840mg mg IV. Repeat cycle every 14 days for 4 cycles.

Arm A Option 3 CAPOX: Day 1 Oxaliplatin 130 mg/m² IV infusion and Atezolizumab 1200mg IV; Capecitabine 1000 mg/m² twice a day by mouth on Days 1-14 of each cycle. Repeat cycle every 21 days for 3 cycles.

- 2. Arm B Neoadjuvant: Day 1 Atezolizumab 1200 mg IV. Repeat cycle every 21 days for 3 cycles.
- 3. Surgery: Refer to Section 5.2.4 for details for those patients that do not go on to surgery
- 4. Arm A Adjuvant: The same regimen used in the neoadjuvant setting will be used in the adjuvant setting. Repeat cycle every 14 days for 4 cycles for FLOT +Atezolizumab or mFLOFOX + Atezolizumab and repeat cycle every 21 days for 3 cycles for CAPOX + Atezolizumab. After adjuvant Chemotherapy + Atezolizumab is complete, patient will receive Atezolizumab 1200mg mg IV alone for 6 cycles.
- 5. Arm B Adjuvant: Day 1 Atezolizumab 1200 mg IV. Repeat cycle every 21 days for 9 cycles.

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3. **Selection of Patients**

Each of the criteria in the checklist that follows must be met in order for a patient to be considered eligible for this study. Use the checklist to confirm a patient's eligibility. For each patient, this checklist must be photocopied, completed and maintained in the patient's chart.

In calculating days of tests and measurements, the day a test or measurement is done is considered Day 0. Therefore, if a test is done on a Monday, the Monday four weeks later would be considered Day 28.

ECOG-ACRI	N Patient No		
Patient's Initi	als (L, F, M)		
Physician Sig	gnature and Date _		
sr (<u>t</u> Ti e: S st	· · · · · · · · · · · · · · · · · · ·		
G	roup's Executive C	ing clarification of eligibility criteria must be directed to the Officer (EA.ExecOfficer@ecog-acrin.org) or the Group's EA.RegOfficer@ecog-acrin.org).	
be	•	the eligibility checklist as source documentation if it has ed, and dated prior to registration/randomization by the	
3.1 <u>Eligibility Criteria</u>			
3.1.1	Patient must	be ≥ 18 years of age.	
3.1.2	gastric or gas H/dMMR (mi	Patient must have histologically or cytologically confirmed diagnosis of gastric or gastroesophageal junction adenocarcinoma that is MSI-H/dMMR (microsatellite instability-high/mismatch repair deficient) as determined by one of three methods:	
	S in (N pi	reficient DNA Mismatch Repair Protein (MMR) Expression tatus: MMR status must be assessed by mmunohistochemistry (IHC) for MMR protein expression MLH1, MSH2, MSH6, PMS2) where loss of one or more roteins indicates dMMR. dMMR may be determined either acally or by site-selected reference lab by CLIA-certified	

NOTE: Loss of MLH1 and PMS2 commonly occur together.

3.1.2.2 Polymerase chain reaction (PCR) determined microsatellite instability.

assay.

	3.1.2.3 MSI-H tumor status determined by next-generation sequencing.		
3.1.3	Patient must have previously untreated localized gastric, or Siewert type II or III GEJ (gastroesophageal junction) adenocarcinoma. Tumors must be staged as T2 or greater primary lesion or be any T stage with the presence of positive locoregional lymph nodes- N+ (clinical nodes) without evidence of metastatic disease.		
	 Siewert Type II tumors: tumors located between 1 cm proximal and 2 cm distal to the GEJ. 		
	 Siewert Type III tumors: tumors located between 2 and 5 cm distal to GEJ. 		
3.1.4	Patient must be amenable to surgical resection with therapeutic intent.		
3.1.5	Patient must have an ECOG Performance Status 0-2.		
3.1.6	Patient must demonstrate adequate organ and marrow function as defined below (these labs must be obtained ≤ 14 days prior to randomization):		
	_ Absolute neutrophil count (ANC) ≥ 1,500/mcL		
	ANC:Date of Test:		
	_ Platelets ≥ 100,000/mcL		
	Platelets:Date of Test:		
	_ Hemoglobin ≥ 9 g/dL		
	Hemoglobin:Date of Test:		
	_Total bilirubin ≤ 1.5 x institutional upper limit of normal (ULN) OR Direct bilirubin ≤.ULN (for patients with total bilirubin > 1.5 x ULN)		
	Total Bilirubin:Institutional ULN:		
	Direct Bilirubin:Institutional ULN:		
	Date(s) of Test(s):		
_	AST(SGOT)/ALT(SGPT): ×≤3 institutional ULN		
	AST:Institutional ULN:		
	Date of Test:		
	ALT:Institutional ULN:		
-	Creatinine \leq 1.5 x institutional ULN OR glomerular filtration rate (GFR) > 50mL/min/1.73m ²		
	Creatinine:Institutional ULN:		
	Date of Test:		
	GFR:Date of Test:		
	_ Albumin ≥ 2.5 g/dL		
	Albumin:Date of Test:		

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	x ULN (unless patient is receiving anticoagulant therapy as long as PT or PTT is within therapeutic range of intended use of anticoagulants)
	INR:Institutional ULN:
	Date of Test:
	PT:Institutional ULN:
	Date of Test:
	Patient on anticoagulants?(Yes or No)
	Activated Partial Thromboplastin Time (aPTT) \leq 1.5 x ULN (unless patient is receiving anticoagulant therapy as long as PT or PTT is within therapeutic range of intended use of anticoagulants)
	aPTT:Institutional ULN:
	Date of Test:
	Patient on anticoagulants?(Yes or No)
 3.1.7	Human immunodeficiency virus (HIV)-infected patients on effective anti-retroviral therapy with undetectable viral load within 6 months are eligible for this trial.
 3.1.8	Patient must have no contraindications to receive one of the chemotherapy regimens: FLOT or mFOLFOX / CAPOX.
 3.1.9	Patient must not have had prior potentially curative surgery for carcinoma of the stomach/GEJ.
3.1.10	Patient must not receive any other standard anti-cancer therapy or experimental agent concurrently with the study drugs.
 3.1.11	Patient must have recovered from clinically significant adverse events of their most recent therapy/intervention prior to randomization.
3.1.12	Patients with known history or current symptoms of cardiac disease, or history of treatment with cardiotoxic agents, should have a clinical risk assessment of cardiac function using the New York Heart Association Functional Classification. To be eligible for this trial, patients should be class 2B or better.
 3.1.13	Patients with a prior or concurrent malignancy whose natural history or treatment does not have the potential to interfere with the safety or efficacy assessment of the investigational regimen are eligible for this trial.
 3.1.14	Patient must have chest/abdomen/pelvis CT completed within 4 weeks prior to randomization.
 3.1.15	Patient may not have received prior treatment with an immune checkpoint inhibitor (anti-PD-1, anti-PDL-1, anti-PDL-2, anti-CTLA4 monoclonal antibody).
3.1.16	Patient must not have received any live vaccines within 30 days prior to randomization and while participating in the study. Live vaccines include, but are not limited to, the following: measles, mumps, rubella,

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chicken pox, yellow fever, rabies, BCG, and typhoid (oral) vaccine. Patients are permitted to receive inactivated vaccines and any non-live vaccines including those for the seasonal influenza and COVID-19 (Note: intranasal influenza vaccines, such as Flu-Mist® are live attenuated vaccines and are not allowed). If possible, it is recommended to separate study drug administration from vaccine administration by about a week (primarily, in order to minimize an

3.1.17 Patient must not have active autoimmune disease or history of autoimmune disease that might recur, which may affect vital organ function or require immune suppressive treatment including systemic corticosteroids. These include but are not limited to patients with a history of immune related neurologic disease, multiple sclerosis, autoimmune (demyelinating) neuropathy, Guillain-Barre syndrome, myasthenia gravis; systemic autoimmune disease such as SLE, connective tissue disease, scleroderma, inflammatory bowel disease (IBD), Crohn's, ulcerative colitis and hepatitis. Patients with a history of toxic epidermal necrolysis (TEN), Stevens-Johnson syndrome, or phospholipid syndrome are ineligible because of the risk of recurrence or exacerbation of disease. Patients with vitiligo, endocrine deficiencies including thyroiditis managed with replacement hormones including physiologic corticosteroids are eligible. Patients with rheumatoid arthritis and other arthropathies, Sjogren's syndrome and psoriasis controlled with topical medication and patients with positive serology, such as antinuclear antibodies (ANA), anti-thyroid antibodies should be evaluated for the presence of target organ involvement and potential need for systemic treatment but otherwise are eligible.

overlap of adverse events.

Patients are permitted to enroll if they have vitiligo, type I diabetes mellitus, residual hypothyroidism due to autoimmune condition only requiring hormone replacement, psoriasis not requiring systemic treatment, or conditions not expected to recur in the absence of an external trigger (precipitating event).

- 2.1.18 Patients must not be receiving systemic steroid therapy equivalent to > 10 mg prednisone per day or any other form of immunosuppressive therapy within 7 days prior to randomization. Topical corticosteroid or occasional inhaled corticosteroids are allowed.
- 2.1.19 Patient must not have known interstitial lung disease that is symptomatic or may interfere with the detection or management of suspected drug-related pulmonary toxicity, and must not have a known history of prior pneumonitis requiring treatment with steroids, or any evidence of active, non-infectious pneumonitis.
- 3.1.20 Patient must not have a known history of active TB (Bacillus Tuberculosis)
- _____ 3.1.21 Patient must not have any hypersensitivity to Atezolizumab or any of its excipients.

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3.1.29	•	onic hepatitis B virus (HBV) infection, ectable on suppressive therapy, if
3.1.30	been treated and cured. For patie	s C virus (HCV) infection must have ents with HCV infection who are digible if they have an undetectable
3.1.31 The investigator must declare the chem will receive (FLOT or mFOLFOX / CAP		., .
	Chemotherapy Regimen selected:	
	Physician Signature	 Date

OPTIONAL:

This signature line is provided for use by institutions wishing to use the eligibility checklist as source documentation.