

# Bomedemstat vs Hydroxyurea for Essential Thrombocythemia (MK-3543-007)

NCT06456346

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Status	RECRUITING
Phase	Phase 3
Sponsor	Merck Sharp & Dohme LLC
Enrollment	300 participants

## Key Eligibility Criteria

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### Inclusion (6)

- Diagnosis of Essential Thrombocythemia (ET) based on World Health Organization Criteria for myeloproliferative neoplasms, and an indication for cytoreductive therapy regardless of age or risk status
  - Has a centrally assessed bone marrow fibrosis score of Grade 0 or Grade 1, as per a modified version of the European Consensus Criteria for Grading Myelofibrosis
  - Has received no prior cytoreductive treatment for their ET
  - Human Immunodeficiency Virus (HIV)-infected participants have well controlled HIV on antiretroviral therapy
  - Participants who are Hepatitis B surface antigen (HBsAg) positive are eligible if they have received Hepatitis B Virus (HBV) antiviral therapy for at least 4 weeks and have undetectable HBV viral load
- ... and 1 more (see full listing online)

### Exclusion (5)

- History of any illness/impairment of gastrointestinal function that might interfere with drug absorption
- History of a malignancy, unless potentially curative treatment has been completed with no evidence of malignancy for 2 years
- HIV-infected participants with a history of Kaposi's sarcoma and/or Multicentric Castleman's Disease
- Has an active infection requiring systemic therapy
- Has had a major surgery <4 weeks prior to first dose of study intervention or has not recovered from side effects of major surgery >4 weeks prior to first dose

## Locations (166 total)

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Palo Verde Cancer Specialists ( Site 0052), Glendale, Arizona, United States  
Los Angeles Cancer Network ( Site 0025), Glendale, California, United States  
Stanford Cancer Center ( Site 0024), Palo Alto, California, United States  
... and 163 more locations

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<https://clinicaltrials.gov/study/NCT06456346>

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