

## New Drug Approvals

### Generic Name (Trade Name—Company)

August 1, 2018

### Lusutrombopag

*(Mulpleta—Shionogi)*

**New drug targets thrombocytopenia in adults with chronic liver disease**

### Uses/Notes

FDA [approved](#) lusutrombopag, a once-daily, orally administered, small molecule thrombopoietin receptor agonist, for treatment of thrombocytopenia in adults with chronic liver disease who are scheduled to undergo a medical or dental procedure.

Approval was based on two randomized, double-blind, placebo-controlled trials involving 312 patients with chronic liver disease and severe thrombocytopenia who were undergoing an invasive procedure and had a platelet count of less than  $50 \times 10^9/L$ . Patients were randomized 1:1 to receive 3 mg of lusutrombopag or placebo once daily for up to 7 days.

In one trial, 78% of patients (38/49) receiving lusutrombopag required no platelet transfusion prior to the primary invasive procedure, compared with 13% (6/48) who received placebo. In the second trial, 65% (70/108) of patients who received lusutrombopag required no platelet transfusion prior to the primary invasive procedure or rescue therapy for bleeding from randomization through 7 days after the procedure, compared with 29% (31/107) receiving placebo.

The most common adverse reaction (?3% of patients) was headache.

The recommended lusutrombopag dosage is 3 mg orally once daily with or without food for 7 days.

### Source URL:

<http://aphanet.org/new-drug-approvals/new-drug-targets-thrombocytopenia-adults-chronic-liver-disease>

APhA DrugInfoLine is an official publication of, and is owned and copyrighted by the American Pharmacists Association, the national professional society of pharmacists. Materials in APhA DrugInfoLine do not necessarily represent the policy, recommendations, or endorsement of APhA. The publisher, authors, editors, reviewers, and contributors have taken care to ensure that information contained in APhA DrugInfoLine is accurate and current; however, they shall have no liability to any person or entity with regard to claims, losses, or damages caused or alleged to be caused, directly or indirectly, by use of any information contained in the publication. All decisions about drug therapy must be based on the independent judgment of the clinician. Copyright © 2000–2011, American Pharmacists Association. All rights reserved.