

FDA approves Livtency for posttransplant cytomegalovirus

November 29 2021



(HealthDay)—The U.S. Food and Drug Administration has approved the

first drug for treating posttransplant cytomegalovirus (CMV) that has not responded to available antiviral treatments, the agency announced Tuesday.

Livtency (maribavir) prevents the activity of human cytomegalovirus enzyme pUL97, thereby blocking virus replication. The [drug](#) is indicated for patients ages 12 years and older (weighing at least 35 kg) with posttransplant CMV that does not respond (with or without [genetic mutations](#) that cause resistance) to available antiviral [treatment](#).

The approval was based on data from the SOLSTICE study, a phase 3, multicenter, open-label, active-controlled trial of 352 transplant recipients with CMV infections who were randomly assigned to Livtency or to one or two antivirals assigned by a researcher, including ganciclovir, valganciclovir, foscarnet, or cidofovir. At eight weeks, 56 percent of patients who received Livtency had CMV DNA levels below measurable levels compared with 24 percent of patients who received investigator-assigned treatment.

The most commonly reported side effects of Livtency included taste disturbance, nausea, diarrhea, vomiting, and fatigue. The FDA notes that coadministration of Livtency with ganciclovir and valganciclovir is not recommended because Livtency may reduce the antiviral activity of these drugs. Patient CMV DNA levels should be monitored during and after treatment with Livtency because of the potential for virologic failure due to resistance.

Approval was granted to Takeda Pharmaceuticals Company Limited.

More information: [More Information](#)

Copyright © 2021 [HealthDay](#). All rights reserved.

Citation: FDA approves Livtensity for posttransplant cytomegalovirus (2021, November 29)
retrieved 25 April 2024 from

<https://medicalxpress.com/news/2021-11-fda-livtensity-posttransplant-cytomegalovirus.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.