

Pfizer breast cancer drug gets early FDA approval

February 3 2015

Federal health regulators on Tuesday approved a highly anticipated medicine from Pfizer Inc. to treat postmenopausal women with a certain type of advanced breast cancer who have not already taken other drugs.

The Food and Drug Administration approved Ibrance for women who have tumors that do not contain a protein known as HER-2. Ibrance, known generically as palbociclib, works by blocking molecules linked to [cancer cell growth](#).

Pharmaceutical industry analysts expect Ibrance to grow into a mega-blockbuster, with annual sales as high as \$4 billion by 2020.

The drug is intended to be used in combination with another cancer medication known generically as letrozole.

The FDA granted the drug accelerated approval—more than two months ahead of its April 13 target date—based on a 165-patient study showing that it slowed the progression of [breast cancer](#). Patients taking Ibrance and letrozole lived 20.2 months on average before their tumors worsened. That was about twice as long as the benefit for women in a comparison group who only received letrozole. The study is ongoing and it's not yet clear whether Ibrance's benefits result in increased survival times for patients.

The FDA grants drugs accelerated approval to drugs that show highly promising preliminary results that are expected to result in clinical

benefits for patients. If follow-up studies do not confirm those benefits, regulators can revoke the drug's approval. The agency last year named palbociclib a breakthrough therapy, a designation given to medicines for diseases with no or inadequate treatments. It's meant to speed up the testing and approval process.

More than 232,600 American women were diagnosed with breast cancer last year and 40,000 died of the disease, according to estimates from the National Cancer Institute.

The most common side effects with Ibrance include low levels of [white blood cells](#), fatigue, nausea, hair loss, diarrhea, vomiting and nerve damage.

Shares of Pfizer Inc. rose 37 cents, or 1.2 percent, to close at \$32.02. They added 13 cents to \$32.15 in extended trading.

© 2015 The Associated Press. All rights reserved.

Citation: Pfizer breast cancer drug gets early FDA approval (2015, February 3) retrieved 7 May 2024 from <https://medicalxpress.com/news/2015-02-pfizer-breast-cancer-drug-early.html>

<p>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.</p>
--