

5.21.54

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<b>Section:</b>	Prescription Drugs	<b>Effective Date:</b>	July 1, 2022
<b>Subsection:</b>	Antineoplastic Agents	<b>Original Policy Date:</b>	February 20, 2015
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**Last Review Date:** June 16, 2022

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## Ibrance

### Description

#### Ibrance (palbociclib)

#### Background

Ibrance is a prescription medicine that is used along with aromatase inhibitor or fulvestrant (Faslodex) for the treatment of males and postmenopausal women with estrogen receptor (ER)-positive, human epidermal growth factor receptor 2 (HER2)-negative advanced breast cancer as the first hormone-based therapy for their metastatic disease (1).

#### Regulatory Status

FDA-approved indication: Ibrance is a kinase inhibitor indicated for the treatment of hormone receptor (HR)-positive, human epidermal growth factor receptor 2 (HER2)-negative advanced or metastatic breast cancer in combination with: (1)

- An aromatase inhibitor as initial endocrine-based therapy in postmenopausal women or in men; or
- Fulvestrant in patients with disease progression following endocrine therapy

#### Off-Label Use: (2)

The National Comprehensive Cancer Network (NCCN) recommend the use of Ibrance in males with estrogen receptor (ER)-positive, human epidermal growth factor receptor 2 (HER2)-negative advanced breast cancer and for well-differentiated/ dedifferentiated liposarcoma (WD-DDLS) per the NCCN guidelines. Also Ibrance can be used with fulvestrant (Faslodex) for the treatment of postmenopausal women with estrogen receptor (ER)-positive, human epidermal growth factor receptor 2 (HER2)-negative advanced breast cancer as seen in the PALOMA3 study which showed that palbociclib with fulvestrant resulted in longer progression-free survival

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and a relatively higher quality of life than fulvestrant alone in patients with advanced hormone-receptor–positive breast cancer that had progressed during prior endocrine therapy.

The safety and effectiveness of Ibrance have not been established in pediatric patients (1).

### Related policies

Kisqali, Verzenio

### Policy

*This policy statement applies to clinical review performed for pre-service (Prior Approval, Precertification, Advanced Benefit Determination, etc.) and/or post-service claims.*

Ibrance may be considered **medically necessary** for patients 18 years of age or older with advanced or metastatic breast cancer or well-differentiated/ dedifferentiated liposarcoma (WD-DDLS) and if the conditions indicated below are met.

Ibrance may be considered **investigational** for patients under the age of 18 years and for all other diagnoses.

### Prior-Approval Requirements

**Age** 18 years of age or older

### Diagnoses

Patient must have **ONE** of the following:

1. Advanced breast cancer
2. Metastatic breast cancer

**AND ALL** of the following:

- a. Males must have concomitant suppression of testicular steroidogenesis
  - b. Hormone receptor (HR) positive
  - c. Human epidermal growth factor receptor 2 (HER2)-negative
  - d. Used in combination with aromatase inhibitor or fulvestrant
3. Well-Differentiated/ Dedifferentiated Liposarcoma (WD-DDLS)

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## Prior – Approval *Renewal* Requirements

**Age** 18 years of age or older

### Diagnoses

Patient must have **ONE** of the following:

1. Advanced breast cancer
2. Metastatic breast cancer

**AND ALL** of the following:

- a. Used in combination with aromatase inhibitor or fulvestrant
  - b. Males must have concomitant suppression of testicular steroidogenesis
3. Well-Differentiated/ Dedifferentiated Liposarcoma (WD-DDLS)

**AND** the following for all diagnoses:

- a. **NO** disease progression or unacceptable toxicity

### Policy Guidelines

## Pre – PA Allowance

None

## Prior - Approval Limits

**Duration** 12 months

## Prior – Approval *Renewal* Limits

Same as above

### Rationale

#### Summary

Ibrance is a prescription medicine that is used along with aromatase inhibitor or fulvestrant (Faslodex) for the treatment of males and postmenopausal women with estrogen receptor (ER)-positive, human epidermal growth factor receptor 2 (HER2)-negative advanced breast cancer as the first hormone-based therapy for their metastatic disease (1).

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Prior approval is required to ensure the safe, clinically appropriate and cost-effective use of Ibrance while maintaining optimal therapeutic outcomes.

## References

1. Ibrance [package insert]. New York, NY; Pfizer Labs; November 2019.
2. NCCN Drugs & Biologics Compendium® Palbociclib 2022. National Comprehensive Cancer Network, Inc. Accessed on April 15, 2022.

## Policy History

Date	Action
February 2015	New Addition to PA
March 2015	Annual editorial review and reference update
June 2015	Annual review
February 2016	Addition of males with breast cancer and the change from used in combination letrozole to aromatase inhibitor or fulvestrant (Faslodex) Addition of new indication Well-Differentiated/ Dedifferentiated Liposarcoma (WD-DDLS) and metastatic breast cancer. Addition of no disease progression or unacceptable toxicity in renewal section Policy change from 5.04.54 to 5.21.54
June 2016	Annual review
June 2017	Annual editorial review and reference update Addition of age limit in the renewal section
December 2017	Annual review
March 2018	Annual review
June 2019	Annual editorial review and reference update
December 2019	Annual review and reference update
March 2020	Annual review and reference update
June 2020	Annual review and reference update
September 2020	Annual review
June 2021	Annual review and reference update
June 2022	Annual review and reference update

## Keywords

**This policy was approved by the FEP® Pharmacy and Medical Policy Committee on June 16, 2022 and is effective on July 1, 2022.**