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Last Review Date: December 8, 2023

### Nubeqa

**Description** 

Nubeqa (darolutamide)

#### Background

Nubeqa (darolutamide) is an androgen receptor (AR) inhibitor. Nubeqa competitively inhibits androgen binding, AR nuclear translocation, and AR-mediated transcription. Nubeqa is thought to decrease prostate cancer cell proliferation and tumor volume in prostate cancer (1).

#### **Regulatory Status**

FDA-approved indications: Nubeqa is an androgen receptor inhibitor indicated for the treatment of adult patients with: (1)

- non-metastatic castration-resistant prostate cancer (nmCRPC).
- metastatic hormone-sensitive prostate cancer (mHSPC) in combination with docetaxel.

Patients receiving Nubeqa should also receive a gonadotropin-releasing hormone (GnRH) analog concurrently or should have had a bilateral orchiectomy (1).

Nubeqa can be harmful to a developing fetus and can cause loss of pregnancy. Advise males with female partners of reproductive potential to use effective contraception during treatment and for 1 week after the last dose of Nubeqa (1).

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

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#### **Related policies**

Erleada, Nilandron, Orgovyx, Xtandi, Yonsa, Zytiga

#### Policy

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

Nubeqa may be considered **medically necessary** if the conditions indicated below are met.

Nubeqa may be considered **investigational** for all other indications.

### **Prior-Approval Requirements**

Age 18 years of age or older

Gender Male

#### Diagnoses

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

- 1. Non-metastatic castration-resistant prostate cancer (nmCRPC)
- 2. Metastatic hormone-sensitive prostate cancer (mHSPC)
  - a. Used in combination with docetaxel

#### AND ONE of the following for ALL diagnoses:

- 1. Patient is receiving a gonadotropin-releasing hormone (GnRH) analog
- 2. Patient has had a bilateral orchiectomy

#### **AND ALL** of the following for **ALL** diagnoses:

- NO dual therapy with another androgen receptor inhibitor (see Appendix 1)
- Males with female partners of reproductive potential only: patient will be advised to use effective contraception during treatment with Nubeqa and for 1 week after the last dose

### Prior – Approval Renewal Requirements

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Same as above

**Policy Guidelines** 

Pre - PA Allowance None

### **Prior - Approval Limits**

Quantity 360 tablets per 90 days

Duration 12 months

### Prior – Approval Renewal Limits

Same as above

#### Rationale

#### Summary

Nubeqa (darolutamide) is an androgen receptor (AR) inhibitor. Nubeqa competitively inhibits androgen binding, AR nuclear translocation, and AR-mediated transcription. Nubeqa is thought to decrease prostate cancer cell proliferation and tumor volume in prostate cancer. The safety and effectiveness of Nubeqa in pediatric and female patients have not been established (1).

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

#### References

- 1. Nubeqa [package insert]. Whippany, NJ: Bayer HealthCare Pharmaceuticals Inc.; August 2022.
- 2. NCCN Drugs & Biologics Compendium<sup>®</sup> Darolutamide 2023. National Comprehensive Cancer Network, Inc. Accessed on October 12, 2023.

Policy History			
Date	Action		
August 2019	Addition to PA		

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September 2019 December 2019 June 2020 March 2021 June 2021 August 2022	Annual review Annual review Annual review Annual editorial review and reference update Annual review and reference update Per PI update, addition of indication: metastatic hormone-sensitive prostate cancer (mHSPC). Reworded contraception requirement for
December 2022 September 2023 December 2023	consistency Annual review and reference update Annual review and reference update Annual review and reference update
Keywords	

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Appendix 1 - List of Androgen Receptor Inhibitors

Generic Name	Brand Name
abiraterone	Yonsa
abiraterone	Zytiga
abiraterone/niraparib	Akeega
apalutamide	Erleada
darolutamide	Nubeqa
enzalutamide	Xtandi
nilutamide	Nilandron