

# Evidence and Value Summary: AKEEGA® (Niraparib and Abiraterone Acetate) Dual Action Tablet

**Unmet Need in  
BRCA-mutated  
Metastatic Castration  
Resistant Prostate  
Cancer (mCRPC):**

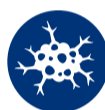


**Metastasis at  
diagnosis reduces  
5-year survival rates<sup>1</sup>**



Patients with localized prostate cancer: >99%  
Patients with metastatic disease: 30%

Patients with **BRCA-mutations** are more likely to have<sup>2,3</sup>:



Aggressive disease



Poor outcomes



Shorter survival time

Patients with **BRCA-mutations** may progress faster to subsequent therapies<sup>4</sup>



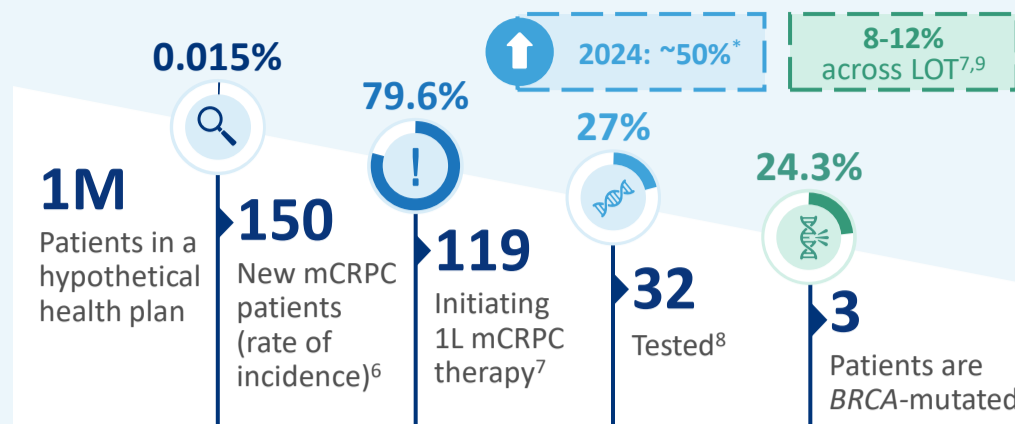
Need for more effective targeted options in 1L mCRPC

**NCCN Clinical Practice Guidelines in Oncology (NCCN Guidelines®) For Prostate Cancer v.4.2023**  
**Recommendation: niraparib/abiraterone:**



Niraparib and abiraterone acetate (DAT) is recommended as a treatment option for patients with mCRPC and a pathogenic BRCA-mutation (germline and/or somatic) who have not yet had treatment in the setting of mCRPC, depending on prior treatment in other disease settings<sup>5</sup>

## Treatment Eligible Populations



Precision medicine requires **genetic testing** to identify treatment eligible patients with mCRPC who may benefit from **targeted front-line PARPi combination therapy**.<sup>5</sup>



Anticipated Impact of AKEEGA® in BRCA-mutated 1L mCRPC in a hypothetical US million-member health plan (<\$0.01 PMPM) is consistent across Commercial and Medicare payer channels.<sup>4</sup>

## AKEEGA®: Indication

AKEEGA® is a combination of niraparib, a poly (ADP-ribose) polymerase (PARP) inhibitor, and abiraterone acetate, a CYP17 inhibitor indicated with prednisone for the treatment of adult patients with deleterious or suspected deleterious BRCA-mutated metastatic castration-resistant prostate cancer (mCRPC). Select patients for therapy based on an FDA-approved test for AKEEGA®.<sup>10</sup>

**Simplified treatment plan utilizing dual action tablet:**



One prescription



One prior authorization



One copay



Two drugs in one tablet



Reduced pill burden

## AKEEGA®: Clinical Evidence



**MAGNITUDE** is a phase 3, randomized, double-blind study evaluating safety and efficacy of AKEEGA® with prednisone in patients with or without HRR-associated gene alterations compared to abiraterone acetate with prednisone.<sup>10</sup>

### Key Attributes of the MAGNITUDE Study:<sup>11</sup>



The largest number of BRCA-mutated mCRPC patients in PARPi combination trials to date



Allowed ≤4 months prior AAP in the first-line mCRPC setting



Prospective testing of both tissue and blood to determine HRR status prior to enrollment



Statistical significance of rPFS (primary endpoint) was first analyzed in BRCAm patients

### Baseline Characteristics<sup>12</sup>

Three measures were imbalanced to the disadvantage of the AKEEGA® with prednisone arm:

23% Visceral disease (vs. 20% in PBO+AAP)

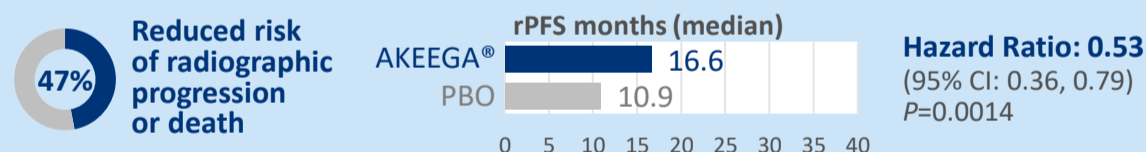
39% ECOG 1 status (vs. 29% in PBO+AAP)

88% Bone metastases (vs. 83% in PBO+AAP)

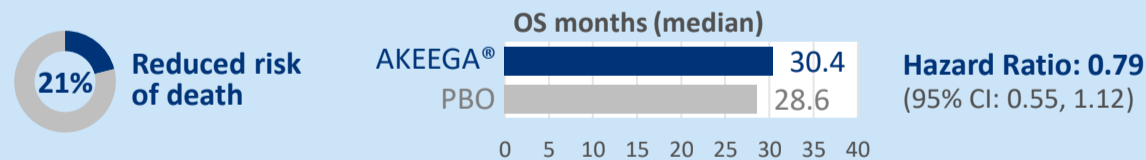


**Efficacy in BRCA-mutated patients<sup>10</sup>**

A statistically significant **improvement in rPFS** for AKEEGA compared to abiraterone acetate was observed in **BRCA-mutated patients**:



In an exploratory analysis of OS in the subgroup of patients with BRCA-mutations:



In a **multivariate analysis of OS** to account for the **imbalance in prognostic factors** in the subgroup of patients with BRCA-mutations:<sup>12</sup>



**Selected Safety Profile<sup>10</sup>**

% of patients experiencing:

41% Serious adverse reactions

50% Dosage interruption of any component of AKEEGA® due to adverse reactions

15% Permanent discontinuation of any component of AKEEGA® due to adverse reactions

9% Fatal adverse reactions

28% Dosage reduction of any component of AKEEGA® due to adverse reactions

Please refer to the full prescribing information for a complete listing of all adverse events, including other serious adverse events.

Provided in response to a medical information request; for informational purposes only; no further use is permitted. For additional information, please see AKEEGA® prescribing information using the following QR code:



BRCA-mutated includes BRCA1/2 positive mutations. \*Please note that the following testing rates are calculated by fitting third degree polynomial trend line to 2013-2021 annual testing rates using Microsoft Excel<sup>7</sup>. 1L, first line; AAP, abiraterone acetate + prednisone/prednisolone; BRCA, Breast Cancer gene; CYP17, 17 α-hydroxylase/C17,20-lyase; DAT, Dual Action Tablet; ECOG, Eastern Cooperative Oncology Group; HRR, homologous recombination repair; LOT, line of therapy; mCRPC, metastatic castration resistant prostate cancer; NCCN, National Comprehensive Cancer Network® (NCCN®); OS, overall survival; PARPi, poly (adenosine diphosphate-ribose) polymerase inhibitor; PBO, placebo; PMPM, per member per month; rPFS, radiographic progression-free survival.