Response Evaluation Criteria In PSMA-imaging (RECIP) 1.0

PATIENT SELECTION
124 MEN
with metastatic castration-resistant **prostate cancer**

Baseline **PSMA-PET/CT**

1. Cycle **Lu-PSMA**

2. Cycle **Lu-PSMA**

Interim **PSMA-PET/CT**

Overall **Survival**

PAIRS OF SCANS

Tumor segmentation

3 independent readers

RESPONSE: ↓ 30%

NO CHANGE

PROGRESSION: ↑ 20%

CHANGES IN TOTAL PSMA-POSITIVE TUMOR VOLUME (PSMA-VOL)

NEW LESIONS? INTERIM PSMA-PET/CT

✓ **YES**

✗ **NO**

31% Partial Response RECIP-PR

PSMA-VOL ↓ 30%
New Lesions: ✗ NO

38% Stable Disease RECIP-SD

PSMA-VOL ↓ 30%
New Lesions: ✓ YES

PSMA-VOL ↑ 20%
New Lesions: ✗ NO

31% Progressive Disease RECIP-PD

PSMA-VOL ↑ 20%
New Lesions: ✓ YES

Overall survival

21.7 mo

13.1 mo

8.3 mo