

Clinical trial results:

A Phase 2, Open-label, Single-arm, Efficacy and Safety Study of Enzalutamide (MDV3100) in Patients with Hormone-naïve Prostate Cancer

Summary

EudraCT number	2010-021287-16	
Trial protocol	BE CZ DE DK	
Global end of trial date	27 April 2017	
Results information		
Result version number	v1 (current)	
This version publication date	22 April 2018	
First version publication date	22 April 2018	

Trial information

Trial identification		
Sponsor protocol code	9785-CL-0321	
Additional study identifiers		
ISRCTN number	-	
ClinicalTrials.gov id (NCT number)	-	
WHO universal trial number (UTN)	-	
Notes:		

Sponsors		
Sponsor organisation name	Astellas Pharma BV	
Sponsor organisation address	Sylviusweg 62, Leiden, Netherlands, 2333	
Public contact	Clinical Trial Disclosure, Astellas Pharma BV, astellas.resultsdisclosure@astellas.com	
Scientific contact	Clinical Trial Disclosure, Astellas Pharma BV, astellas.resultsdisclosure@astellas.com	

Notes:

Paediatric regulatory details	
Is trial part of an agreed paediatric investigation plan (PIP)	No
Does article 45 of REGULATION (EC) No 1901/2006 apply to this trial?	No
Does article 46 of REGULATION (EC) No 1901/2006 apply to this trial?	No

Notes:

Results analysis stage	
Analysis stage	Final
Date of interim/final analysis	27 April 2017
Is this the analysis of the primary	No

completion data?	
Global end of trial reached?	Yes
Global end of trial date	27 April 2017
Was the trial ended prematurely?	No

Notes:

General information about the trial

Main objective of the trial:

The primary objective of the study was to evaluate the effect of enzalutamide on prostate-specific antigen (PSA) and to evaluate the safety and tolerability of enzalutamide in participants who have not previously received hormone treatment for prostate cancer.

Protection of trial subjects:

This clinical study was written, conducted and reported in accordance with the protocol, International Council for Harmonisation of Technical Requirements for Pharmaceuticals for Human Use (ICH) Good Clinical Practice (GCP) Guidelines, and applicable local regulations, including the European Directive 2001/20/EC, on the protection of human rights, and with the ethical principles that have their origin in the Declaration of Helsinki. Astellas ensures that the use and disclosure of protected health information (PHI) obtained during a research study complies with the federal, national and/or regional legislation related to the privacy and protection of personal information.

Background therapy: -		
Evidence for comparator: -		
Actual start date of recruitment	06 May 2011	
Long term follow-up planned	No	
Independent data monitoring committe (IDMC) involvement?	e No	
Notes:		

Population of trial subjects

- oparation of trial babyetts	
Subjects enrolled per country	
Country: Number of subjects enrolled	Belgium: 25
Country: Number of subjects enrolled	Czech Republic: 9
Country: Number of subjects enrolled	Denmark: 26
Country: Number of subjects enrolled	Germany: 7
Worldwide total number of subjects	67
EEA total number of subjects	67

Notes:

Subjects enrolled per age group	
In utero	0
Preterm newborn - gestational age < 37 wk	0
Newborns (0-27 days)	0
Infants and toddlers (28 days-23 months)	0
Children (2-11 years)	0
Adolescents (12-17 years)	0
Adults (18-64 years)	11
From 65 to 84 years	55
85 years and over	1

Subject disposition

Recruitment

Recruitment details:

This was a multinational, phase 2, open-label, single-arm, efficacy and safety study of oral enzalutamide in participants with prostate cancer who had noncastrate levels of testosterone at study entry.

Pre-assignment

Screening details:

Eighty-two participants were assessed for participation in the study, 15 were excluded and 67 were enrolled. Participants who continued to receive clinical benefit as assessed by the investigator and did not meet any treatment discontinuation criteria were eligible to transition to an open-label extension study 9785-CL-0123 (2016-001694-32).

Period 1 Period 1 title Overall Study (overall period) Is this the baseline period? Allocation method Non-randomised - controlled Blinding used Not blinded

Arms

Arm title	Enzalutamide

Arm description:

Participants received oral enzalutamide at 160 mg once daily for 24 weeks. Participants who had clinical benefit at week 25 could continue to receive enzalutamide until disease progression, objective or clinical, or occurrence of an unacceptable toxicity, at the discretion of the investigator.

	.,
Arm type	Experimental
Investigational medicinal product name	Enzalutamide
Investigational medicinal product code	MDV3100
Other name	Xtandi
Pharmaceutical forms	Capsule
Routes of administration	Oral use

EU-CTR publication date: 22 April 2018

Dosage and administration details:

Participants received 160 mg of enzalutamide orally once a day, at the same time of day.

Number of subjects in period 1	Enzalutamide
Started	67
Treatment Received	67
Completed	27
Not completed	40
Other-Miscellaneous Reason	2
Adverse event, serious fatal	5
Consent withdrawn by subject	4
Other-Transitioned to 9785-CL-0123	29

Baseline characteristics

Reporting groups Reporting group title Enzalutamide

Reporting group description:

Participants received oral enzalutamide at 160 mg once daily for 24 weeks. Participants who had clinical benefit at week 25 could continue to receive enzalutamide until disease progression, objective or clinical, or occurrence of an unacceptable toxicity, at the discretion of the investigator.

or occurrence of an unacceptable toxicity	, at the distriction of	and investigator.	
Reporting group values	Enzalutamide	Total	
Number of subjects	67	67	
Age categorical			
Units: Subjects			
Age continuous			
Units: years			
median	73.0		
full range (min-max)	48 to 86	-	
Gender categorical			
Units: Subjects			
Female	0	0	
Male	67	67	
Total Gleason Score at Initial Diagnosis			
cancer tissue is similar to normal prostat score means the cancer tissue is very dif Units: Subjects			
Score=4	1	1	
Score=5	5	5	
Score=6	10	10	
Score=7	34	34	
Score=8	7	7	
Score=9	6	6	
Score=10	3	3	
Unknown	1	1	
Clinical Tumor Stage (T) at Initial Diagnosis			
Units: Subjects			
TX: Primary tumor cannot be assessed	1	1	
T0: No evidence of primary tumor	1	1	
T1: Tumor neither palpable or visible by imaging	9	9	
T2: Tumor confined within the prostate	31	31	
T3: Tumor extends through the prostatic capsule	18	18	
T4: Tumor is fixed or invades adjacent structures	1	1	
adjacent structures			

EU-CTR publication date: 22 April 2018

Clinical Lymph Node Stage (N) at Initial Diagnosis			
Units: Subjects			
NX: Regional lymph nodes were not assessed	24	24	
N0: No regional lymph node metastasis	22	22	
N1: Metastasis in regional lymph node(s)	6	6	
Unknown	15	15	
Distant Metastasis (M) at Initial Diagnosis			
Units: Subjects			
MX: Distant metastasis could not be assessed	11	11	
M0: No distant metastasis	35	35	
M1: Distant metastasis	10	10	
Unknown	11	11	
Participants With Metastases at Study Entry			
Units: Subjects			
Yes	26	26	
No	41	41	
Body Mass Index (BMI)			
Units: kg/m²			
median	26.17		
full range (min-max)	20.8 to 39.7	-	
Prostate Specific Antigen (PSA)			
Units: ng/mL			
median	18.2		
inter-quartile range (Q1-Q3)	6.4 to 45.0	-	
Duration of Prostate Cancer			
Units: Years			
median	1.0		
full range (min-max)	0 to 16	-	
Number of Metastatic Lesions by Bone Scan			
Units: Lesions			
median	1		
full range (min-max)	1 to 8	-	

End points

End points reporting groups

Reporting group title	Enzalutamide

Reporting group description:

Participants received oral enzalutamide at 160 mg once daily for 24 weeks. Participants who had clinical benefit at week 25 could continue to receive enzalutamide until disease progression, objective or clinical, or occurrence of an unacceptable toxicity, at the discretion of the investigator.

Primary: Percentage of Participants With a Prostate-Specific Antigen (PSA) Response at Week 25

End point title	Percentage of Participants With a Prostate-Specific Antigen (PSA) Response at Week 25 ^[1]
-----------------	--

End point description:

A PSA response was defined as a decline from baseline in PSA level of 80% or greater, where blood samples for PSA were collected and analyzed at a central laboratory. Participants with an unknown or missing response or who discontinued prior to week 25 for any reason were treated as non-responders. No statistical comparisons were performed since this was a single-arm study. The analysis population was safety analysis set (SAF), which consisted of participants who received at least one dose of study drug.

End point type	Primary
End point timeframe:	
Baseline and Week 25	

Notes:

[1] - No statistical analyses have been specified for this primary end point. It is expected there is at least one statistical analysis for each primary end point.

Justification: No statistical comparisons were performed since this was a single-arm study.

End point values	Enzalutamide		
Subject group type	Reporting group		
Number of subjects analysed	67		
Units: Percentage of Participants			
number (confidence interval 95%)			
Percentage of Participants	92.5 (83.44 to 97.53)		

Statistical analyses

No statistical analyses for this end point

Secondary: Number of Participants With Adverse Events

End point title	Number of Participants With Adverse Events

End point description:

Each adverse event (AE) was assessed by the investigator for causal relationship to the study drug; those deemed possibly or probably related to study drug are reported as drug regimen related AEs (DRRAEs). A serious adverse event (SAE) was defined as any untoward medical occurrence that at any dose: - Resulted in death - Was life-threatening - Resulted in persistent or significant disability/incapacity - Resulted in congenital anomaly or birth defect - Required inpatient hospitalization or led to prolongation of hospitalization - Other medically important events. The analysis population was safety analysis set (SAF).

End point type	Secondary
End point timeframe:	
From first dose of study drug up to 30 da	ays after last dose of study drug (up to week 169)

End point values	Enzalutamide		
Subject group type	Reporting group		
Number of subjects analysed	67		
Units: Participants			
Any Adverse Events	67		
Drug Regimen Related Adverse Events	65		
Deaths	5		
Serious Adverse Events	24		
Drug Regimen Related Serious Adverse Events	5		
AEs Leading to Discontinuation of Study Drug	14		
DRRAEs Leading to Discontinuation of Study Drug	7		

No statistical analyses for this end point

Secondary: Percent Change From Baseline in PSA			
End point title	Percent Change From Baseline in PSA		
End point description:			

The analysis population was safety analysis set (SAF). N is the number of participants with available data at each time point.

End point type	Secondary
Life point type	Secondary

End point timeframe:

Baseline and Weeks 25, 49, 97, 169 and End of Study [EoS])

End point values	Enzalutamide		
Subject group type	Reporting group		
Number of subjects analysed	67		
Units: Percent Change			
arithmetic mean (standard deviation)			
Week 25 (N=63)	-97.82 (± 5.744)		
Week 49 (N=54)	-98.96 (± 2.767)		
Week 97 (N=45)	-99.44 (± 1.114)		
Week 169 (N=42)	-91.74 (± 27.808)		

End of Study (N=27)	-0.70 (±		
	308.253)		

No statistical analyses for this end point

Secondary: Percent Change From Baseline in Sex Hormone-Binding Globulin (SHBG)				
End point title Percent Change From Baseline in Sex Hormone-Binding Globulin (SHBG)				
End point description:				
The analysis population was s data at each time point.	safety analysis set (SAF). N is the number of participants with available			
End point type Secondary				
End point timeframe:	·			
Baseline and Weeks 25 and 4	9			

End point values	Enzalutamide		
Subject group type	Reporting group		
Number of subjects analysed	67		
Units: Percent Change			
arithmetic mean (standard deviation)			
Week 25 (N=59)	100.60 (± 49.362)		
Week 49 (N=53)	88.45 (± 41.911)		

Statistical analyses

Secondary: Percent Change From Baseline in Androstenedione				
End point title Percent Change From Baseline in Androstenedione				
End point description:				
The analysis population was safety ana data at each time point.	lysis set (SAF). N is the number of participants with available			
End point type	Secondary			
End point timeframe:				
Baseline and Weeks 25 and 49				

End point values	Enzalutamide		
Subject group type	Reporting group		
Number of subjects analysed	67		
Units: Percent Change			
arithmetic mean (standard deviation)			
Week 25 (N=61)	51.06 (± 59.367)		
Week 49 (N=51)	49.94 (± 55.449)		

No statistical analyses for this end point

Secondary: Percent Change From Baseline in Dehydroepiandrosterone (DHEA)				
End point title Percent Change From Baseline in Dehydroepiandrosterone (DHEA)				
End point description:				
The analysis population was safe data at each time point.	ety analysis set (SAF). N is the number of participants with available			
End point type Secondary				
End point timeframe:				
Baseline and Weeks 25 and 49				

End point values	Enzalutamide		
Subject group type	Reporting group		
Number of subjects analysed	67		
Units: Percent Change			
arithmetic mean (standard deviation)			
Week 25 (N=62)	9.59 (± 58.247)		
Week 49 (N=51)	10.54 (± 54.864)		

Statistical analyses

Secondary: Percent Change From Baseline in Dihydrotestosterone (DHT)			
End point title	Percent Change From Baseline in Dihydrotestosterone (DHT)		
End point description:			
The analysis population was safety anal data at each time point.	ysis set (SAF). N is the number of participants with available		
End point type Secondary			
End point timeframe:	•		

End point values	Enzalutamide		
Subject group type	Reporting group		
Number of subjects analysed	67		
Units: Percent Change			
arithmetic mean (standard deviation)			
Week 25 (N=61)	51.72 (± 57.511)		
Week 49 (N=45)	74.35 (± 101.451)		

No statistical analyses for this end point

Secondary: Percent Change From Baseline in Estradiol				
End point title Percent Change From Baseline in Estradiol				
End point description:				
The analysis population was safety and data at each time point.	alysis set (SAF). N is the number of participants with available			
End point type	Secondary			
End point timeframe:				

End point values	Enzalutamide		
Subject group type	Reporting group		
Number of subjects analysed	67		
Units: Percent Change			
arithmetic mean (standard deviation)			
Week 25 (N=59)	71.69 (± 73.150)		
Week 49 (N=52)	81.00 (± 82.811)		

Statistical analyses

Secondary: Percent Change From Baseline in Follicle-Stimulating Hormone (FSH)			
End point title	Percent Change From Baseline in Follicle-Stimulating Hormone (FSH)		

End point description:		
The analysis population was safety analysis set (SAF). N is the number of participants with available data at each time point.		
End point type	Secondary	
End point timeframe:		
Baseline and Weeks 25 and 49		

End point values	Enzalutamide		
Subject group type	Reporting group		
Number of subjects analysed	67		
Units: Percent Change			
arithmetic mean (standard deviation)			
Week 25 (N=58)	46.99 (± 46.389)		
Week 49 (N=52)	62.18 (± 78.371)		

No statistical analyses for this end point

Secondary: Percent Change From Baseline in Luteinizing Hormone (LH)				
End point title	Percent Change From Baseline in Luteinizing Hormone (LH)			
End point description:				
The analysis population was safety and data at each time point.	alysis set (SAF). N is the number of participants with available			
End point type	Secondary			
End point timeframe:				

End point values	Enzalutamide		
Subject group type	Reporting group		
Number of subjects analysed	67		
Units: Percent Change			
arithmetic mean (standard deviation)			
Week 25 (N=58)	184.66 (± 120.683)		
Week 49 (N=52)	215.18 (± 163.732)		

Statistical analyses

Secondary: Percent Change From Baseline in Prolactin					
End point title	Percent Change From Baseline in Prolactin				
End point description:					
The analysis population was safety analysis set (SAF). N is the number of participants with available data at each time point.					
End point type	Secondary				
End point timeframe:					
Baseline and Weeks 25 and 49					

End point values	Enzalutamide		
Subject group type	Reporting group		
Number of subjects analysed	67		
Units: Percent Change			
arithmetic mean (standard deviation)			
Week 25 (N=60)	16.79 (± 45.497)		
Week 49 (N=53)	9.64 (± 30.003)		

Secondary: Percent Change From Baseline in Total Testosterone					
End point title	Percent Change From Baseline in Total Testosterone				
End point description:					
The analysis population was safety analy data at each time point.	rsis set (SAF). N is the number of participants with available				
End point type	Secondary				
End point timeframe:					
Baseline and Weeks 25 and 49					

End point values	Enzalutamide		
Subject group type	Reporting group		
Number of subjects analysed	67		
Units: Percent Change			
arithmetic mean (standard deviation)			
Week 25 (N=63)	114.29 (± 73.692)		
Week 49 (N=51)	101.73 (± 76.070)		

No statistical analyses for this end point

Baseline and Weeks 25 and 49

Secondary: Percent Change From Baseline in Free Testosterone				
End point title	Percent Change From Baseline in Free Testosterone			
End point description:				
The analysis population was safety analy data at each time point.	rsis set (SAF). N is the number of participants with available			
End point type	Secondary			
End point timeframe:				

End point values	Enzalutamide		
Subject group type	Reporting group		
Number of subjects analysed	67		
Units: Percent Change			
arithmetic mean (standard deviation)			
Week 25 (N=60)	46.39 (± 59.551)		
Week 49 (N=51)	43.74 (± 55.721)		

Statistical analyses

End point title	Plasma Concentration of Enzalutamide at Pre-dose (Ctrough)
End point description:	
received at least one dose of	pharmacokinetic analysis set (PKAS), which consisted of participants who study drug and had at least one pharmacokinetic concentration value. N is ith available data at each time point.
the number of participants w	iti avallable data at each time point.
End point type	Secondary

End point values	Enzalutamide		
Subject group type	Reporting group		
Number of subjects analysed	67		
Units: µg/mL			
arithmetic mean (standard deviation)			
Week 2 (N=61)	7.225 (± 1.8050)		

Week 3 (N=66)	10.559 (± 2.1967)		
Week 4 (N=62)	11.838 (± 2.4605)		
Week 5 (N=65)	12.161 (± 2.8496)		
Week 9 (N=63)	11.606 (± 3.0084)		
Week 13 (N=63)	11.868 (± 2.9760)		
Week 21 (N=62)	11.224 (± 2.8899)		
Week 25 (N=63)	11.668 (± 2.7624)		

Secondary: Plasma Cor (Ctrough)	ncentration of Enzalutamide Metabolite M2 at Pre-dose
End point title	Plasma Concentration of Enzalutamide Metabolite M2 at Predose (Ctrough)
End point description:	
The analysis population was available data at each time	pharmacokinetic analysis set (PKAS). N is the number of participants with point.
End point type	Secondary
End point timeframe:	·
Pre-dose at Weeks 2, 3, 4, 5	5, 9, 13, 21 and 25

End point values	Enzalutamide		
Subject group type	Reporting group		
Number of subjects analysed	67		
Units: μg/mL			
arithmetic mean (standard deviation)			
Week 2 (N=61)	2.527 (± 1.0440)		
Week 3 (N=66)	5.344 (± 1.7079)		
Week 4 (N=62)	8.182 (± 2.4366)		
Week 5 (N=65)	9.962 (± 2.7584)		
Week 9 (N=63)	12.128 (± 3.1262)		
Week 13 (N=63)	12.780 (± 3.2564)		
Week 21 (N=62)	11.717 (± 2.9502)		
Week 25 (N=63)	12.146 (± 2.5845)		

No statistical analyses for this end point

Secondary: Percentage of Participants With a PSA Response at Weeks 49, 97 and 169

End point title	Percentage of Participants With a PSA Response at Weeks 49,
	97 and 169

End point description:

A PSA response was defined as a decline from baseline in PSA level of 80% or greater. Blood samples for PSA were collected and analyzed at a central laboratory. Participants with an unknown or missing response or who discontinued prior to week 49, week 97 or week 169 for any reason were treated as non-responders. The analysis population was safety analysis set (SAF).

End point type	Secondary	
End point timeframe:		•

Baseline and Weeks 49, 97 and 169

End point values	Enzalutamide		
Subject group type	Reporting group		
Number of subjects analysed	67		
Units: Percentage of Participants			
number (confidence interval 95%)			
Week 49	80.6 (69.11 to 89.24)		
Week 97	67.2 (54.60 to 78.15)		
Week 169	56.7 (44.04 to 68.78)		

Statistical analyses

No statistical analyses for this end point

Secondary: Percentage of Participants With a 90% or Greater Reduction From **Baseline in PSA Level**

End point title	Percentage of Participants With a 90% or Greater Reduction
	From Baseline in PSA Level

End point description:

Participants with unknown or missing PSA results at week 25 or who discontinued prior to week 25 were considered non-responders at week 25. Participants with unknown or missing PSA results at week 49, week 97 or week 169 were considered non-responders. The analysis population was safety analysis set (SAF). Week 49, 97 and 169 analyses include participants who were on study at each time point.

End point type	Secondary
·	

End point timeframe:	
Baseline and Weeks 25, 49, 97 and 169	

End point values	Enzalutamide		
Subject group type	Reporting group		
Number of subjects analysed	67		
Units: Percentage of Participants			
number (not applicable)			
Week 25 (N=67)	91.0		
Week 49 (N=54)	98.1		
Week 97 (N=45)	100.0		
Week 169 (N=42)	88.1		

No statistical analyses for this end point

Secondary: Percentage of Participants with PSA \leq 4 ng/ml End point title Percentage of Participants with PSA \leq 4 ng/ml

End point description:

Participants with unknown or missing PSA results at week 25 or who discontinued prior to Week 25 were considered non-responders at Week 25. Participants with unknown or missing PSA results at week 49, 97 or 169 were considered non-responders. The analysis population was safety analysis set (SAF). Week 49, 97 and 169 analyses include participants who were on study at each time point.

End point type	Secondary
End point timeframe:	
Weeks 25, 49, 97 and 169	

End point values	Enzalutamide		
Subject group type	Reporting group		
Number of subjects analysed	67		
Units: Percentage of Participants			
number (not applicable)			
Week 25 (N=67)	92.5		
Week 49 (N=54)	94.4		
Week 97 (N=45)	100.0		
Week 169 (N=42)	95.2		

Statistical analyses

Secondary: Percentage of Participants with PSA ≤ 0.1 ng/ml End point title Percentage of Participants with PSA ≤ 0.1 ng/ml

End point description:

Participants with unknown or missing PSA results at week 25 or who discontinued prior to week 25 were considered non-responders at week 25. Participants with unknown or missing PSA results at week 49, 97 or 169 were considered non-responders. The analysis population was safety analysis set (SAF). N is the number of participants with available data at each time point.

	add at each time point.
End point type	Secondary
End point timeframe:	
Weeks 25, 49, 97 and 169	

End point values	Enzalutamide		
Subject group type	Reporting group		
Number of subjects analysed	67		
Units: Percentage of Participants			
number (not applicable)			
Week 25 (N=67)	44.8		
Week 49 (N=54)	63.0		
Week 97 (N=45)	73.3		
Week 169 (N=42)	61.9		

Statistical analyses

No statistical analyses for this end point

Secondary: Maximum Decline From Baseline in PSA End point title Maximum Decline From Baseline in PSA

End point description:

The maximum decline from Baseline in PSA was calculated as the largest reduction from Baseline in PSA level that occurred at any point after treatment start up to week 25 and up to and including the assessment made at the safety follow-up visit, divided by the PSA Baseline value and multiplied by 100, i.e., the maximum percent change from baseline. The analysis population was safety analysis set (SAF).

End point type Secondary

End point timeframe:

Baseline to Week 25 and from Baseline up to the EOS date of 27 Apr 2017; median duration of treatment of 1666.0 days (range of 52-2052)

End point values	Enzalutamide		
Subject group type	Reporting group		
Number of subjects analysed	67		
Units: Percent Change			
arithmetic mean (standard deviation)			
Maximum Decline by Week 25	-98.32 (± 2.880)		

Maximum Decline by EOS	-99.10 (±		
	2.659)		

No statistical analyses for this end point

Secondary: Time to PSA Response

End point title	Time to PSA Response
-----------------	----------------------

End point description:

Time to PSA response (PSA decline \geq 80% from Baseline) is defined as the time interval from the first study drug dose to the first date a decline from Baseline in PSA level of 80% or greater was recorded. Time to response was estimated using the Kaplan-Meier method. The analysis population was safety analysis set (SAF).

End point type Secondary

End point timeframe:

From first dose until the EOS date of 27-Apr-2017; median duration of treatment of 1666.0 days (range of 52-2052)

End point values	Enzalutamide		
Subject group type	Reporting group		
Number of subjects analysed	67		
Units: Days			
median (inter-quartile range (Q1-Q3))			
Days	29 (28 to 31)		

Statistical analyses

No statistical analyses for this end point

Secondary: Time to PSA Decline ≥ 90%

End point title Time to PSA Decline ≥ 90%	
---	--

End point description:

Time to PSA decline \geq 90% is defined as the time interval from the first study drug dose to the first date a decline from Baseline in PSA level of 90% or greater was recorded. Time to PSA decline \geq 90% was estimated using the Kaplan-Meier method. The analysis population was safety analysis set (SAF).

End point type Secondary

End point timeframe:

From first dose until the EOS date of 27-Apr-2017; median duration of treatment of 1666.0 days (range of 52-2052)

End point values	Enzalutamide		
Subject group type	Reporting group		
Number of subjects analysed	67		
Units: Days			
median (inter-quartile range (Q1-Q3))			
Days	55 (29 to 57)		

No statistical analyses for this end point

Secondary: Time to PSA ≤ 4 ng/ml

End point title	Time to PSA ≤ 4 ng/ml
-----------------	-----------------------

End point description:

Time to PSA \leq 4 ng/ml is defined as the time interval from the first study drug dose to the first date a decline in PSA to a result of 4 ng/ml or below was recorded. Time to PSA \leq 4 ng/ml was estimated using the Kaplan-Meier method. The analysis population was safety analysis set (SAF).

End point type Secondary

End point timeframe:

From first dose until the EOS date of 27-Apr-2017; median duration of treatment of 1666.0 days (range of 52-2052)

End point values	Enzalutamide		
Subject group type	Reporting group		
Number of subjects analysed	67		
Units: Days			
median (inter-quartile range (Q1-Q3))			
Days	29 (9 to 57)		

Statistical analyses

No statistical analyses for this end point

Secondary: Time to PSA ≤ 0.1 ng/ml

End point title	Time to PSA ≤ 0.1 ng/ml

End point description:

Time to PSA ≤ 0.1 ng/ml is defined as the time interval from the first study drug dose to the first date a decline in PSA to a result of 0.1 ng/ml or below was recorded. Time to PSA ≤ 0.1 ng/ml was estimated using the Kaplan-Meier method. The analysis population was safety analysis set (SAF).

End point type Secondary

End point timeframe:

From first dose until the EOS date of 27-Apr-2017; median duration of treatment of 1666.0 days (range of 52-2052)

EU-CTR publication date: 22 April 2018

Page 20 of 35

End point values	Enzalutamide		
Subject group type	Reporting group		
Number of subjects analysed	67		
Units: Days			
median (inter-quartile range (Q1-Q3))			
Days	168 (58 to 581)		

No statistical analyses for this end point

Secondary: Time to PSA Progression

End point title	Time to PSA Progression

End point description:

Time to PSA progression is defined as the time interval from the first study drug dose to the first date of PSA progression. PSA progression is defined as a \geq 25% increase in PSA with an absolute increase of \geq 2 ng/mL above the nadir unless the PSA next measurement(s), if available, does not confirm the PSA progression. "99999" indicates data that could not be estimated due to the low number of events. The analysis population was safety analysis set (SAF).

End point type	Secondary
Life point type	Secondary

End point timeframe:

From first dose until the EOS date of 27-Apr-2017; median duration of treatment of 1666.0 days (range of 52-2052)

End point values	Enzalutamide		
Subject group type	Reporting group		
Number of subjects analysed	67		
Units: Days			
median (inter-quartile range (Q1-Q3))			
Days	99999 (99999 to 99999)		

Statistical analyses

No statistical analyses for this end point

Secondary: PSA Doubling Time

End point title	PSA Doubling Time

End point description:

PSA doubling time was to be calculated from the slope estimated from a linear regression of the natural log of PSA fitted on time, if the slope was positive. Since the slope was negative for all participants, PSA

doubling time could not be calculated. The analysis population was safety analysis set (SAF) with a positive PSA versus time slope.

End point type	Secondary
End point timeframe:	
From Baseline to Week 25	

End point values	Enzalutamide		
Subject group type	Reporting group		
Number of subjects analysed	0 ^[2]		
Units: Months			
arithmetic mean (standard deviation)			
Months	()		

Notes:

[2] - No participants had a positive PSA versus time slope

Statistical analyses

Adverse events

Adverse events information

Timeframe for reporting adverse events:

From first dose of study drug up to 30 days after last dose of study drug; median duration of treatment of 1666.0 days (range of 52-2052)

of 1666.0 days (range of 52-2	052)	
Assessment type	Systematic	
Dictionary used		
Dictionary name	MedDRA	
Dictionary version	12.0	
Reporting groups		
Reporting group title	Enzalutamide	

Reporting group description:

Participants received oral enzalutamide at 160 mg once daily for 24 weeks. Participants who had clinical benefit at week 25 could continue to receive enzalutamide until disease progression, objective or clinical, or occurrence of an unacceptable toxicity, at the discretion of the investigator.

Serious adverse events	Enzalutamide	
Total subjects affected by serious adverse events		
subjects affected / exposed	24 / 67 (35.82%)	
number of deaths (all causes)	5	
number of deaths resulting from adverse events	5	
Neoplasms benign, malignant and unspecified (incl cysts and polyps)		
Benign neoplasm		
subjects affected / exposed	1 / 67 (1.49%)	
occurrences causally related to treatment / all	0 / 1	
deaths causally related to treatment / all	0/0	
Basal cell carcinoma		
subjects affected / exposed	1 / 67 (1.49%)	
occurrences causally related to treatment / all	0 / 1	
deaths causally related to treatment / all	0 / 0	
Bladder transitional cell carcinoma		
subjects affected / exposed	1 / 67 (1.49%)	
occurrences causally related to treatment / all	0 / 1	
deaths causally related to treatment / all	0 / 0	
Breast cancer		
subjects affected / exposed	1 / 67 (1.49%)	
occurrences causally related to treatment / all	1/1	

	1	
deaths causally related to treatment / all	0 / 0	
Colon cancer		
subjects affected / exposed	1 / 67 (1.49%)	
occurrences causally related to treatment / all	0 / 1	
deaths causally related to treatment / all	0 / 0	
Malignant neoplasm progression		
subjects affected / exposed	1 / 67 (1.49%)	
occurrences causally related to treatment / all	0 / 2	
deaths causally related to treatment / all	0 / 0	
Colon cancer metastatic		
subjects affected / exposed	1 / 67 (1.49%)	
occurrences causally related to treatment / all	0 / 1	
deaths causally related to treatment / all	0 / 1	
Metastases to abdominal cavity	İ	
subjects affected / exposed	1 / 67 (1.49%)	
occurrences causally related to treatment / all	0 / 1	
deaths causally related to treatment / all	0 / 0	
Metastases to bladder	· · · · · · · · · · · · · · · · · · ·	
subjects affected / exposed	1 / 67 (1.49%)	
-		
occurrences causally related to treatment / all	0 / 1	
deaths causally related to treatment / all	0 / 0	
Metastases to liver		
subjects affected / exposed	1 / 67 (1.49%)	
occurrences causally related to treatment / all	0 / 1	
deaths causally related to treatment / all	0 / 0	
Metastases to lung	· 	
subjects affected / exposed	1 / 67 (1.49%)	
occurrences causally related to treatment / all	0 / 1	
deaths causally related to treatment / all	0 / 0	
·	· '	
Oesophageal carcinoma subjects affected / exposed	1 / 67 (1.49%)	
occurrences causally related to treatment / all	0 / 1	
treatment / an		

Renal cancer		
subjects affected / exposed	1 / 67 (1.49%)	
occurrences causally related to treatment / all	0 / 1	
deaths causally related to treatment / all	0 / 0	
Skin cancer		
subjects affected / exposed	1 / 67 (1.49%)	
occurrences causally related to treatment / all	0 / 1	
deaths causally related to treatment / all	0 / 0	
Schwannoma		
subjects affected / exposed	1 / 67 (1.49%)	
occurrences causally related to treatment / all	0 / 1	
deaths causally related to treatment / all	0 / 0	
General disorders and administration site conditions		
Device dislocation		
subjects affected / exposed	1 / 67 (1.49%)	
occurrences causally related to treatment / all	0/1	
deaths causally related to treatment / all	0 / 0	
Chronic fatigue syndrome		
subjects affected / exposed	1 / 67 (1.49%)	
occurrences causally related to treatment / all	1 / 1	
deaths causally related to treatment / all	0 / 0	
General physical health deterioration		
subjects affected / exposed	1 / 67 (1.49%)	
occurrences causally related to treatment / all	0 / 1	
deaths causally related to treatment / all	0 / 0	
Reproductive system and breast disorders		
Prostatic calcification subjects affected / exposed	1 / 67 (1.49%)	
occurrences causally related to treatment / all	0 / 1	
deaths causally related to treatment / all	0 / 0	
Injury, poisoning and procedural	-, -	
complications		
Clavicle fracture		
subjects affected / exposed	1 / 67 (1.49%)	
occurrences causally related to	0 / 1	

treatment / all		
deaths causally related to treatment / all	0 / 0	
Concussion subjects affected / exposed	1 / 67 (1.49%)	
occurrences causally related to treatment / all	0/1	
deaths causally related to treatment / all	0 / 0	
Road traffic accident subjects affected / exposed	1 (57 (1 422()	
occurrences causally related to	1 / 67 (1.49%)	
treatment / all	0/1	
deaths causally related to treatment / all	0 / 0	
Cardiac disorders		
Acute myocardial infarction subjects affected / exposed	1 / 67 (1.49%)	
occurrences causally related to	0 / 1	
treatment / all deaths causally related to	,	
treatment / all	0 / 1	
Angina pectoris		
subjects affected / exposed	2 / 67 (2.99%)	
occurrences causally related to treatment / all	0 / 2	
deaths causally related to treatment / all	0/0	
Arrhythmia		
subjects affected / exposed	1 / 67 (1.49%)	
occurrences causally related to treatment / all	1/1	
deaths causally related to treatment / all	0 / 0	
Atrial fibrillation		
subjects affected / exposed	4 / 67 (5.97%)	
occurrences causally related to treatment / all	2 / 4	
deaths causally related to treatment / all	0 / 0	
Bradycardia		
subjects affected / exposed	1 / 67 (1.49%)	
occurrences causally related to treatment / all	0 / 1	
deaths causally related to treatment / all	0 / 0	
Cardiac arrest	[
subjects affected / exposed	1 / 67 (1.49%)	
occurrences causally related to treatment / all	0 / 1	

	1	1	
deaths causally related to treatment / all	0 / 1		
Sick sinus syndrome			
subjects affected / exposed	1 / 67 (1.49%)		
occurrences causally related to treatment / all	0 / 1		
deaths causally related to treatment / all	0 / 0		
Cardio-respiratory arrest			
subjects affected / exposed	1 / 67 (1.49%)		
occurrences causally related to treatment / all	0 / 1		
deaths causally related to treatment / all	0 / 1		
Supraventricular tachycardia		1	
subjects affected / exposed	1 / 67 (1.49%)		
occurrences causally related to treatment / all	0 / 1		
deaths causally related to treatment / all	0 / 0		
Blood and lymphatic system disorders			
Lymphadenopathy			
subjects affected / exposed	1 / 67 (1.49%)		
occurrences causally related to treatment / all	1 / 1		
· ·			
deaths causally related to treatment / all	0 / 0		
	0 / 0		
Respiratory, thoracic and mediastinal disorders	0 / 0		
Respiratory, thoracic and mediastinal	0 / 0		
Respiratory, thoracic and mediastinal disorders	0 / 0		
Respiratory, thoracic and mediastinal disorders Acute respiratory distress syndrome			
Respiratory, thoracic and mediastinal disorders Acute respiratory distress syndrome subjects affected / exposed occurrences causally related to	1 / 67 (1.49%)		
Respiratory, thoracic and mediastinal disorders Acute respiratory distress syndrome subjects affected / exposed occurrences causally related to treatment / all deaths causally related to	1 / 67 (1.49%) 0 / 1		
Respiratory, thoracic and mediastinal disorders Acute respiratory distress syndrome subjects affected / exposed occurrences causally related to treatment / all deaths causally related to treatment / all	1 / 67 (1.49%) 0 / 1		
Respiratory, thoracic and mediastinal disorders Acute respiratory distress syndrome subjects affected / exposed occurrences causally related to treatment / all deaths causally related to treatment / all Epistaxis	1 / 67 (1.49%) 0 / 1 0 / 0		
Respiratory, thoracic and mediastinal disorders Acute respiratory distress syndrome subjects affected / exposed occurrences causally related to treatment / all deaths causally related to treatment / all Epistaxis subjects affected / exposed occurrences causally related to	1 / 67 (1.49%) 0 / 1 0 / 0 1 / 67 (1.49%)		
Respiratory, thoracic and mediastinal disorders Acute respiratory distress syndrome subjects affected / exposed occurrences causally related to treatment / all deaths causally related to treatment / all Epistaxis subjects affected / exposed occurrences causally related to treatment / all deaths causally related to treatment / all deaths causally related to	1 / 67 (1.49%) 0 / 1 0 / 0 1 / 67 (1.49%) 0 / 1		
Respiratory, thoracic and mediastinal disorders Acute respiratory distress syndrome subjects affected / exposed occurrences causally related to treatment / all deaths causally related to treatment / all Epistaxis subjects affected / exposed occurrences causally related to treatment / all deaths causally related to treatment / all deaths causally related to treatment / all	1 / 67 (1.49%) 0 / 1 0 / 0 1 / 67 (1.49%) 0 / 1		
Respiratory, thoracic and mediastinal disorders Acute respiratory distress syndrome subjects affected / exposed occurrences causally related to treatment / all deaths causally related to treatment / all Epistaxis subjects affected / exposed occurrences causally related to treatment / all deaths causally related to treatment / all deaths causally related to treatment / all Nervous system disorders	1 / 67 (1.49%) 0 / 1 0 / 0 1 / 67 (1.49%) 0 / 1		
Respiratory, thoracic and mediastinal disorders Acute respiratory distress syndrome subjects affected / exposed occurrences causally related to treatment / all deaths causally related to treatment / all Epistaxis subjects affected / exposed occurrences causally related to treatment / all deaths causally related to treatment / all deaths causally related to treatment / all Nervous system disorders Cerebral haemorrhage subjects affected / exposed occurrences causally related to	1 / 67 (1.49%) 0 / 1 0 / 0 1 / 67 (1.49%) 0 / 1		
Respiratory, thoracic and mediastinal disorders Acute respiratory distress syndrome subjects affected / exposed occurrences causally related to treatment / all deaths causally related to treatment / all Epistaxis subjects affected / exposed occurrences causally related to treatment / all deaths causally related to treatment / all deaths causally related to treatment / all Nervous system disorders Cerebral haemorrhage subjects affected / exposed	1 / 67 (1.49%) 0 / 1 0 / 0 1 / 67 (1.49%) 0 / 1 0 / 0		
Respiratory, thoracic and mediastinal disorders Acute respiratory distress syndrome subjects affected / exposed occurrences causally related to treatment / all deaths causally related to treatment / all Epistaxis subjects affected / exposed occurrences causally related to treatment / all deaths causally related to treatment / all deaths causally related to treatment / all Nervous system disorders Cerebral haemorrhage subjects affected / exposed occurrences causally related to treatment / all deaths causally related to treatment / all deaths causally related to treatment / all	1 / 67 (1.49%) 0 / 1 0 / 0 1 / 67 (1.49%) 0 / 1 0 / 0 1 / 67 (1.49%) 0 / 1		
Respiratory, thoracic and mediastinal disorders Acute respiratory distress syndrome subjects affected / exposed occurrences causally related to treatment / all deaths causally related to treatment / all Epistaxis subjects affected / exposed occurrences causally related to treatment / all deaths causally related to treatment / all deaths causally related to treatment / all Nervous system disorders Cerebral haemorrhage subjects affected / exposed occurrences causally related to treatment / all deaths causally related to treatment / all deaths causally related to	1 / 67 (1.49%) 0 / 1 0 / 0 1 / 67 (1.49%) 0 / 1 0 / 0 1 / 67 (1.49%) 0 / 1		

occurrences causally related to treatment / all	0 / 1	
deaths causally related to treatment / all	0 / 0	
Dizziness		
subjects affected / exposed	1 / 67 (1.49%)	
occurrences causally related to treatment / all	0 / 1	
deaths causally related to treatment / all	0 / 0	
Normal pressure hydrocephalus		
subjects affected / exposed	1 / 67 (1.49%)	
occurrences causally related to treatment / all	0 / 1	
deaths causally related to treatment / all	0 / 0	
Seizure anoxic		
subjects affected / exposed	1 / 67 (1.49%)	
occurrences causally related to treatment / all	0 / 1	
deaths causally related to treatment / all	0 / 0	
Syncope		
subjects affected / exposed	2 / 67 (2.99%)	
occurrences causally related to treatment / all	0 / 2	
deaths causally related to treatment / all	0 / 0	
Gastrointestinal disorders		
Dyspepsia		
subjects affected / exposed	1 / 67 (1.49%)	
occurrences causally related to treatment / all	0 / 1	
deaths causally related to treatment / all	0 / 0	
Intestinal perforation		
subjects affected / exposed	1 / 67 (1.49%)	
occurrences causally related to treatment / all	0 / 1	
deaths causally related to treatment / all	0 / 0	
Renal and urinary disorders		
Hydronephrosis		
subjects affected / exposed	1 / 67 (1.49%)	
occurrences causally related to treatment / all	0 / 1	
deaths causally related to treatment / all	0 / 0	
Haematuria		
subjects affected / exposed	1 / 67 (1.49%)	

occurrences causally related to treatment / all	0 / 1	
deaths causally related to treatment / all	0 / 0	
Nephrolithiasis		
subjects affected / exposed	1 / 67 (1.49%)	
occurrences causally related to treatment / all	0 / 1	
deaths causally related to treatment / all	0 / 0	
Urinary retention		
subjects affected / exposed	2 / 67 (2.99%)	
occurrences causally related to treatment / all	0 / 2	
deaths causally related to treatment / all	0 / 0	
Urinary tract obstruction		
subjects affected / exposed	1 / 67 (1.49%)	
occurrences causally related to treatment / all	0 / 1	
deaths causally related to treatment / all	0 / 0	
Musculoskeletal and connective tissue disorders		
Osteoarthritis		
subjects affected / exposed	1 / 67 (1.49%)	
occurrences causally related to treatment / all	0 / 1	
deaths causally related to treatment / all	0 / 0	
Spinal column stenosis		
subjects affected / exposed	1 / 67 (1.49%)	
occurrences causally related to treatment / all	0 / 1	
deaths causally related to treatment / all	0 / 0	
Metabolism and nutrition disorders		
Hypercalcaemia		
subjects affected / exposed	1 / 67 (1.49%)	
occurrences causally related to treatment / all	0 / 1	
deaths causally related to treatment / all	0 / 1	
Hypoglycaemia		
subjects affected / exposed	1 / 67 (1.49%)	
occurrences causally related to treatment / all	0 / 1	
deaths causally related to treatment / all	0 / 0	
Infections and infestations		

Pneumonia		
subjects affected / exposed	2 / 67 (2.99%)	
occurrences causally related to treatment / all	0 / 2	
deaths causally related to treatment / all	0 / 0	
Sepsis		
subjects affected / exposed	1 / 67 (1.49%)	
occurrences causally related to treatment / all	0 / 1	
deaths causally related to treatment / all	0 / 0	
Urosepsis		
subjects affected / exposed	1 / 67 (1.49%)	
occurrences causally related to treatment / all	0 / 1	
deaths causally related to treatment / all	0 / 0	

Frequency threshold for reporting non-serious adverse events: 5 $\,\%$

Non-serious adverse events	Enzalutamide	
Total subjects affected by non-serious adverse events		
subjects affected / exposed	66 / 67 (98.51%)	
Vascular disorders		
Hot flush		
subjects affected / exposed	15 / 67 (22.39%)	
occurrences (all)	18	
Hypertension		
subjects affected / exposed	17 / 67 (25.37%)	
occurrences (all)	18	
Injury, poisoning and procedural complications		
Fall		
subjects affected / exposed	4 / 67 (5.97%)	
occurrences (all)	5	
Respiratory, thoracic and mediastinal disorders		
Cough		
subjects affected / exposed	5 / 67 (7.46%)	
occurrences (all)	5	
Dyspnoea		
subjects affected / exposed	6 / 67 (8.96%)	

occurrences (all)	6	
Dysphonia		
subjects affected / exposed	4 / 67 (5.97%)	
occurrences (all)	4	
Nervous system disorders		
Dizziness		
subjects affected / exposed	5 / 67 (7.46%)	
occurrences (all)	5	
Headache		
subjects affected / exposed	4 / 67 (5.97%)	
occurrences (all)	8	
Memory impairment		
subjects affected / exposed	6 / 67 (8.96%)	
occurrences (all)	7	
General disorders and administration		
site conditions		
Fatigue subjects affected / exposed	20 / 67 /41 700/)	
	28 / 67 (41.79%)	
occurrences (all)	40	
Oedema peripheral		
subjects affected / exposed	8 / 67 (11.94%)	
occurrences (all)	10	
Psychiatric disorders		
Depression		
subjects affected / exposed	5 / 67 (7.46%)	
occurrences (all)	5	
Gastrointestinal disorders		
Abdominal discomfort		
subjects affected / exposed	4 / 67 (5.97%)	
occurrences (all)	5	
Constipation		
subjects affected / exposed	9 / 67 (13.43%)	
occurrences (all)	11	
Dry mouth		
subjects affected / exposed	5 / 67 (7.46%)	
occurrences (all)	5	
Diarrhoea		

subjects affected / exposed	11 / 67 (16.42%)	
occurrences (all)	14	
Nausea subjects affected / exposed	11 / 67 / 16 420/)	
	11 / 67 (16.42%)	
occurrences (all)	14	
Reproductive system and breast disorders		
Gynaecomastia		
subjects affected / exposed	36 / 67 (53.73%)	
occurrences (all)	43	
Breast pain		
subjects affected / exposed	6 / 67 (8.96%)	
occurrences (all)	7	
Nipple pain		
subjects affected / exposed	13 / 67 (19.40%)	
occurrences (all)	13	
Skin and subcutaneous tissue disorders		
Dry skin		
subjects affected / exposed	7 / 67 (10.45%)	
occurrences (all)	7	
Rash		
subjects affected / exposed	4 / 67 (5.97%)	
occurrences (all)	4	
Musculoskeletal and connective tissue disorders		
Back pain		
subjects affected / exposed	10 / 67 (14.93%)	
occurrences (all)	12	
Musculoskeletal pain		
subjects affected / exposed	4 / 67 (5.97%)	
occurrences (all)	4	
, ,	7	
Myalgia		
subjects affected / exposed	4 / 67 (5.97%)	
occurrences (all)	5	
Osteoporosis		
subjects affected / exposed	7 / 67 (10.45%)	
occurrences (all)	9	
Pain in extremity		

subjects offseted / synapod	1	1	I
subjects affected / exposed	8 / 67 (11.94%)		
occurrences (all)	9		
Metabolism and nutrition disorders			
Decreased appetite			
subjects affected / exposed	4 / 67 (5.97%)		
occurrences (all)	4		
Infections and infestations			
Cystitis			
subjects affected / exposed	4 / 67 (5.97%)		
occurrences (all)	4		
Nasopharyngitis			
subjects affected / exposed	6 / 67 (8.96%)		
occurrences (all)	9		
Pneumonia			
subjects affected / exposed	5 / 67 (7.46%)		
occurrences (all)	6		

More information

Substantial protocol amendments (globally)

Were there any global substantial amendments to the protocol? Yes

Date	Amendment
18 June 2011	The changes include: Change to study contact details; clarification of requirements for assessment of metastases; change in timing of first dual-energy x-ray absorptiometry scan; change in serious adverse event reporting responsibility; change in dose for an excluded medication; corrections in laboratory parameters; addition of instructions for participants withdrawn before week 25; removed reference to treatment number.
17 October 2012	The changes include: Change to study contact details; change in Schedule of Assessments and adverse event collection; clarification of pharmacokinetic sampling; change to statistical definition and interim analysis; change to administrative procedures and drug storage; clarification of central laboratory testing; update of participant information sheet; changes to protocol authors; update to drug-induced liver injury requirements; update to drug-drug interaction information; update to reporting of serious adverse events.
21 July 2014	The changes include: Schedule of Assessments updated to include additional assessments performed at week 169; Schedule of Assessments table, related footnotes, and description of those assessments in different sections of the protocol were updated, along with the study period to reflect an overall extension in study duration to 4Q 2016; dosing instructions modified for participants who experienced a grade 3 or greater toxicity attributed to the study drug and when the study drug was coadministered with a strong cytochrome P450 (CYP) 2C8 inhibitor; Section 1.3 Summary of Key Safety Information for MDV3100 updated to reflect current information; protocol updated regarding reporting and management of protocol deviations, and contact details for Astellas Pharma Europe BV, 24 hour serious adverse event reporting and the Medical Monitor were updated; Appendix 4 "Events Always Considered to be Serious" was deleted and a new Appendix 3 "Common Serious Adverse Events" was added; new information concerning "always serious adverse event" was added to Section 5.5.3; study drug storage conditions updated; for current efficacy and safety information on enzalutamide, the investigator is referred to the current edition of the Investigator's Brochure; Appendix 3 (Subject Insurance) and Appendix 5 (Elements of Informed Consent) deleted; cover page, sponsor's signature and investigator's signatures updated; minor administrative type corrections, e.g., typos, spelling, format, renumbering of tables and appendices throughout the protocol updated as required.
24 June 2016	The changes include: The study design was revised so that participants who continue to derive clinical benefit from treatment with enzalutamide, based on the investigator's medical opinion, and who had not met any of the discontinuation criteria were eligible to continue treatment in Study 9785-CL-0123 upon approval of the protocol and activation of the study at participating institutions. Minor administrative revisions were also made to the protocol.

Notes:

Interruptions (globally)

Were there any global interruptions to the trial? No

Limitations and caveats None reported

EU-CTR publication date: 22 April 2018