IMLUNESTRANT, AN ORAL SELECTIVE ESTROGEN RECEPTOR DEGRADER (SERD), AS MONOTHERAPY AND COMBINED WITH ABEMACICLIB, FOR PATIENTS WITH ER+, HER2- ADVANCED BREAST CANCER (ABC), PRETREATED WITH ENDOCRINE THERAPY (ET): RESULTS OF THE PHASE 3 EMBER-3 TRIAL

Komal L. Jhaveri,¹ Patrick Neven,² Monica Lis Casalnuovo,³ Sung-Bae Kim,⁴ Eriko Tokunaga,⁵ Philippe Aftimos,⁶ Cristina Saura,⁻ Joyce O'Shaughnessy,⁶ Nadia Harbeck,⁶ Lisa A. Carey,¹⁰ Giuseppe Curigliano,¹¹ Antonio Llombart-Cussac,¹² Elgene Lim,¹³ María de la Luz García Tinoco,¹⁴ Joohyuk Sohn,¹⁵ André Mattar,¹⁶ Qingyuan Zhang,¹† Chiun-Sheng Huang,¹⁶ Chih-Chiang Hung,¹⁰ Jorge Luis Martinez Rodriguez,²⁰ Manuel Ruiz Borrego,²¹ Rikiya Nakamura,²² Kamnesh R. Pradhan,²³ Christoph Cramer von Laue,²³ Emily Barrett,²³ Shanshan Cao,²³ Xuejing Aimee Wang,²³ Lillian M. Smyth,²³ François-Clément Bidard²⁴

¹Memorial Sloan Kettering Cancer Center and Weill Cornell Medical College, New York, NY, USA; ²University Hospitals Leuven, Leuven, Belgium; ³Hospital María Curie, Buenos Aires, Argentina; ⁴Asan Medical Center, University of Ulsan College of Medicine, Seoul, Republic of Korea; ⁵National Hospital Organization Kyushu Cancer Center, Fukuoka, Japan; ¹Institut Jules Bordet, Höpital Universitaire de Bruxelles, Brussels, Belgium; ¹Vall d'Hebron University Hospital, Vall d'Hebron University Hospital, Vall d'Hebron Hospital, National Faire de Bruxelles, Brussels, Belgium; ¹Vall d'Hebron University Hospital, Vall d'Hebron Hospital, National Faire de Bruxelles, Brussels, Belgium; ¹Vall d'Hebron University Hospital, Vall d'Hebron Hospital, Savan Hospital, Lauri de Bruxelles, Brussels, Belgium; ¹Vall d'Hebron University Hospital, Vall d'Hebron University Hospital, Vall d'Hebron University Hospital, Vall d'Hebron University Hospital, Savan Institute of Oncology, IRCCS, Milano, Italy; ¹²Hospital Arnau de Vilanova, Valencia, Spain; ¹³Garvan Institute of Medical Research and University of New South Wales, Darlinghurst, Sydney, New South Wales, Australia; ¹⁴Hospital de Oncología, Centro Médico Nacional Siglo XXI, Ciudad de México, México; ¹⁵Nonsei University College of Medicine, Seoul, Republic of Korea; ¹⁵National Taiwan University Hospital, São Paulo, Brazil; ¹¹Harbin Medical University Cancer Hospital, Harbin, China; ¹⁵National Taiwan University Hospital Taiwan University College of Medicine, Taipei, Taiwan; ²⁵ Filios Alta Medicina Soa de CV, Monterrey, Nuevo León, México; ¹³ Nedicinal Taiwan University Paris and Saint-Cloud, France

Disclosure Information

Komal L. Jhaveri, MD

I have the following relevant financial relationships to disclose:

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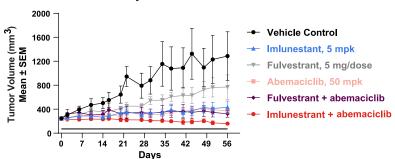
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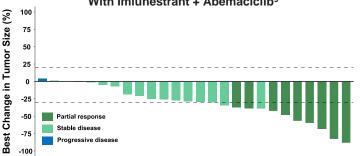
Background

- ER and CDK4/6 are critical oncogenic pathways of ER+, HER2- ABC
- ET + CDK4/6i are essential therapies for ER+, HER2- ABC¹
 - Continued suppression of ER and CDK4/6 beyond progression on CDK4/6i + ET may be important for improved patient outcomes, regardless of PIK3CA or ESR1m
 - Abemaciclib has shown benefit in CDK4/6i-naïve² & CDK4/6i-pretreated patients³
- Fulvestrant is the only SERD broadly approved as monotherapy and in combination, but
 - Efficacy is limited in patients with ESR1m
 - Requires intramuscular administration⁴
 - Often painful & burdensome to patients,⁵ when oral options are generally preferred⁶
- Elacestrant is an oral SERD with dose-dependent mixed ER agonist/antagonist activity approved as monotherapy for patients with ESR1m⁷
- Imlunestrant is a next-generation, brain-penetrant, oral SERD and pure ER antagonist that delivers continuous ER inhibition

In Vivo Efficacy in CTG-1260 ESR1 D538G Model8



EMBER Phase 1 trial: Tumor Response in Patients Treated With Imlunestrant + Abemaciclib9



ABC, advanced breast cancer; CDK4/6 inhibitor; ER, estrogen receptor; ESR1m, ESR1 mutation; ET, endocrine therapy; SEM, standard error of the mean.

1. Gradishar WJ. J Natl Compr Canc Netw. 2023;21(5.5):1-4; 2. VERZENIO (abemaciclib) [package insert]. Eli Lilly and Company; 2023; 3. Kalinsky K, et al. J Clin Oncol. 2024;42(Suppl 17):abstract LBA1001; 4. Robertson JFR, Harrison M. Br J Cancer. 2004;90(Suppl 1):S7-S10; 5. Cox AC, Fallowfield LJ. Eur J Oncol Nurs. 2007;11(1):43-48; 6. Eek D, et al. Patient Prefer Adherence. 2016;10:1609-1621; 7. Beumer JH, Foldi J. Cancer Chemother Pharmacol. 2023;92(2):157-163; 8. VandeKopple M, et al. Poster presented at ESMO Breast Cancer Congress; Berlin, Germany; May 11-13, 2023. Poster 41P; 9. Data on file. March 9, 2023.

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EMBER-3 Study Design

ER+, HER2- ABC

Men and Pre-a/Post-menopausal women

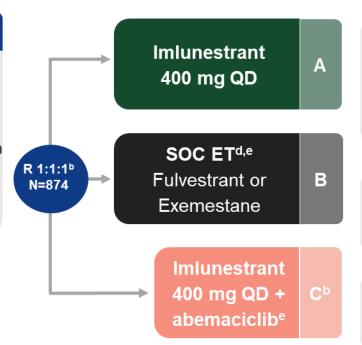
Prior therapy:

- Adjuvant: Recurrence on or within 12 months of completion of Al ± CDK4/6i
- ABC: Progression on first-line AI ± CDK4/6i
- No other therapy for ABC

Stratification Factors:

- Prior CDK4/6i therapy (Y/N)
- Visceral metastases (Y/N)
- Region^c

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Primary Endpoints Investigator-assessed PFS forf:

- A vs B in patients with ESR1mg
- A vs B in all patients
- C vs A in all^h patients

Key Secondary Endpoints

- OS, PFS by BICR, and ORR
- Safety

Exploratory Endpoints

 PFS and OS for C vs B in all^h patients

ABC, advanced breast cancer; AI, aromatase inhibitor; BICR, blinded independent central review; CDK4/6 inhibitor; ER, estrogen receptor; ESR1m, ESR1 mutation; ORR, objective response rate; OS, overall survival; PFS, progression-free survival; QD, once daily; SOC ET, standard of care endocrine therapy. Patients were enrolled from October 2021 to November 2023 across 195 sites in 22 countries. A GnRH agonist was required in men and premenopausal women; Enrollment into Arm C started with Protocol Amendment A (at which point 122 patients had been randomized across Arms A and B); East Asia vs United States/European Union vs others; Investigator's choice; Labeled dose; Scans every 8 weeks for the first 12 months, then every 12 weeks; ESR1m status was centrally determined in baseline plasma by the Guardant 360 ctDNA assay and OncoCompass Plus assay (Burning Rock Biotech) for patients from China; Analysis conducted in all concurrently randomized patients.

Statistical Considerations

- A graphical approach was used to control the overall type I error rate at 1-sided 0.025
- Alpha was initially assigned to the first PFS analysis of imlunestrant vs SOC ET
 - 0.02 alpha assigned to patients with ESR1m (192 PFS events, 97%^a power to detect a HR of 0.57)
 - 0.005 alpha assigned to <u>all patients</u> (480 PFS events, 76% and 91% power to detect a HR of 0.74)
- Analysis of imlunestrant + abemaciclib vs imlunestrant^c was only tested if one of the imlunestrant
 vs SOC ET endpoints was significant
 - 80%^b power, with 248 PFS events, to detect a target HR of 0.7
- OS was only tested if the corresponding PFS endpoint was significant

Patient Disposition

Imlunestrant n=331 Treated 99% On study treatment (20%) Discontinued study treatment (79%) Progressive disease (72%) Adverse event (3%) Death (2%) Withdrawal by patient (1%) Protocol deviation (1%) Physician decision (0%)

N = 874Randomized 1:1:1a SOC ET n=330 Treated 98% Fulvestrant 88%; Exemestane 10% On study treatment (13%) Discontinued study treatment (85%) Progressive disease (78%) Adverse event (0%) Death (2%) Withdrawal by patient (3%) Protocol deviation (1%) Physician decision (1%)

Imlunestrant + abemaciclib n=213a **Treated 98%** On study treatment (35%) Discontinued study treatment (63%) Progressive disease (53%) Adverse event (5%) Death (2%) Withdrawal by patient (2%) Protocol deviation (0%) Physician decision (1%)

SOC ET, standard of care endocrine therapy. Data cutoff date: June 24, 2024. ^a Enrollment into the imlunestrant + abemaciclib arm started with Protocol Amendment A (at which point 122 patients had been randomized across the imlunestrant and SOC ET arms).

Baseline Demographic and Disease Characteristics

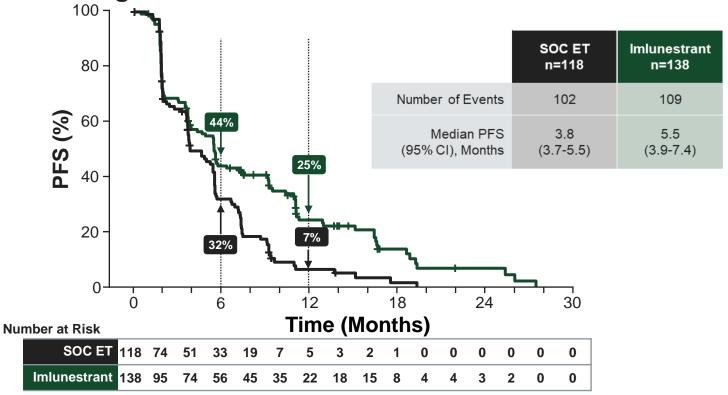
Characteristic		lmlunestrant n=331	SOC ET n=330	Imlunestrant + abemaciclib n=213
Median age	e, years (range)	61 (28-87)	62 (27-89)	62 (36-87)
Female, %		99	99	99
Post-mend	pausal, %	84	86	86
Race, %	White	56	58	52
	Asian	28	29	34
	Black or African American	3	2	4
Region, %	East Asia	25	26	31
	North America/ Western Europe	38	39	45
	Other	37	36	24
PR-positive, %		78	79	74
ESR1 mutation, %a		42	36	32
PI3K pathy mutations,	•	39	39	41

Characteristic		lmlunestrant n=331	SOC ET n=330	Imlunestrant + abemaciclib n=213
	Visceral	57	54	56
Site of metastases, %	Liver	32	30	27
metastases, /o	Bone-only	22	26	24
Endocrine	Primary	8	11	8
resistance, % ^c	Secondary	92	89	93
Most recent	Adjuvant	32	34	30
ET, %d	ABC	63	63	68
	Overall	59	57	65
Previous CDK4/6i, %	Adjuvant	4	5	3
CDR4/01, /6	ABC	55	53	62
Previous	Palbociclib	61	69	65
CDK4/6i	Ribociclib	29	27	27
therapy, %e	Abemaciclib	10	4	7

Baseline characteristics were generally well balanced including in patients with ESR1mf

CDK4/6i, cDK4/6 inhibitor; ESR1m, ESR1 mutation; ET, endocrine therapy; PR, progesterone receptor; SOC ET, standard of care endocrine therapy. Samples were analyzed by Guardant360 CDx, except for patients from China where samples were analyzed by OncoCompass Target assay, Burning Rock Biotech; Includes single nucleotide variants and insertions/deletions of PIK3CA, AKT1 or PTEN analyzed by Guardant 360 ctDNA assay. This analysis excludes patients from China or with unknown ESR1m status; Per ESO-ESMO International Consensus Guidelines for ABC (ABC 6 and 7); Adjuvant ET = First-line; ABC = Second-line; Percentages calculated based on the numbers of patients who received prior CDK4/6i therapy (imlunestrant, n=195; SOC ET, n=198; imlunestrant + abemaciclib, n=139); Data available in the online supplementary slides.

Primary Endpoint: Imlunestrant vs SOC ET Investigator-assessed PFS in Patients with *ESR1*m



Imlunestrant led to a 38% reduction in the risk of progression or death in patients with ESR1m

CI, confidence interval; ESR1m, ESR1 mutation; HR, hazard ratio; RMST, restricted mean survival time; SOC ET, standard of care endocrine therapy. The median follow-up was 16.7 months in the imlunestrant arm and 13.8 months in the SOC ET arm.

^a Due to evidence of non-proportional hazards, a sensitivity analysis of PFS using RMST was conducted. Estimated RSMT at 19.4 months was 7.9 months (95% CI 6.8-9.1) in the imlunestrant arm vs 5.4 months (95% CI 4.6-6.2) in the SOC ET arm [difference 2.6 months (1.2.-3.9)].

HR, 0.62 (95% CI, 0.46-0.82)^a

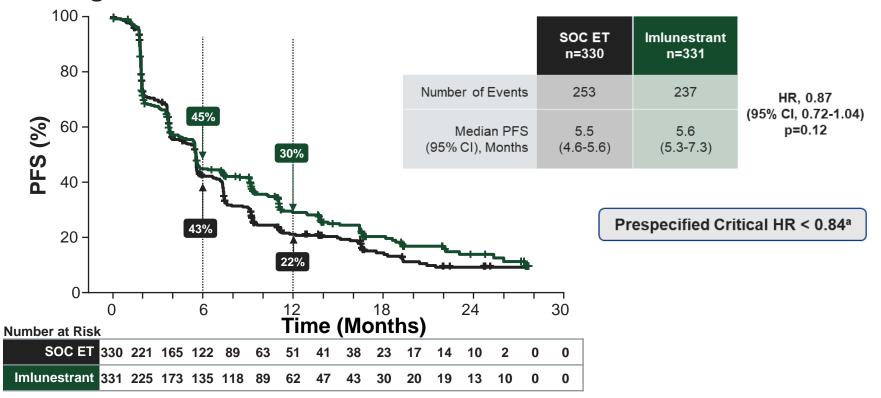
p<0.001

Investigator-assessed PFS by Subgroup: Consistent Imlunestrant Benefit Across Subgroups in Patients with *ESR1*m

Subgroup		Imlunestrant No. of Event	SOC ET s/Total No.	Hazard Ratio	(95% CI)	Interaction <i>p</i> -value
Patients with ESR1 mutation		109/138	102/118		0.62 (0.46, 0.82)
Investigator's choice of ET	Exemestane Fulvestrant	3/4 106/134	4/6 98/112	· · · · · · · · · · · · · · · · · · ·	0.53 (0.09, 3.00 0.61 (0.46, 0.81	
Age	<65 years ≥65 years	74/91 35/47	69/78 33/40	⊢●	0.61 (0.44, 0.86 0.57 (0.34, 0.95	
Region	East Asia North America/Western Europe Other	23/30 51/63 35/45	23/26 44/54 35/38		0.47 (0.25, 0.89 □ 0.77 (0.51, 1.17 0.50 (0.31, 0.82)
No. of metastatic sites	1 2 ≥3	24/35 36/45 49/58	26/35 35/39 41/44	<u> </u>	0.53 (0.30, 0.94 0.61 (0.37, 0.99 0.63 (0.41, 0.98)
Visceral metastasis	No Yes	39/54 70/84	42/51 60/67	└	0.51 (0.32, 0.79 0.68 (0.47, 0.98	
Liver metastasis	No Yes	58/81 51/57	59/71 43/47	⊢	0.58 (0.40, 0.83 0.64 (0.41, 0.99	
Bone-only metastasis	No Yes	92/111 17/27	79/88 23/30	·	0.65 (0.47, 0.89 0.42 (0.22, 0.80	
Previous CDK4/6 inhibitor	No Yes	29/45 80/93	31/33 71/85		0.42 (0.25, 0.72 0.72 (0.52, 1.01) 0.246)
Line of therapy in advanced setting	First-line Second-line	19/30 88/106	21/23 81/95	<u> </u>	0.48 (0.25, 0.92 0.66 (0.48, 0.90	
PI3K pathway mutation status	Detected Not detected	59/72 50/64	48/57 54/61		0.62 (0.41, 0.93 0.61 (0.41, 0.91	
				0.25 0.5		
				Favors Imlunestrant	Favors SOC ET	

ET, endocrine therapy; SOC ET, standard of care endocrine therapy. First-line: most recent ET = ABC. The total number of patients may not add up due to missing data in certain subgroups.

Primary Endpoint: Imlunestrant vs SOC ET Investigator-assessed PFS in All Patients



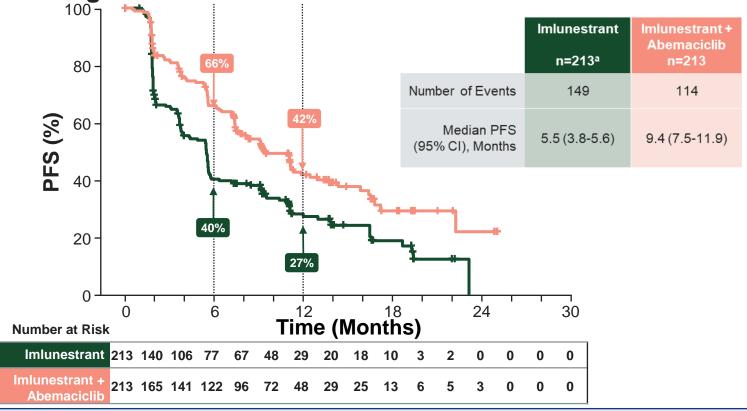
PFS difference of imlunestrant vs SOC ET in all patients did not reach significance

The majority subgroup of patients without ESR1m showed no difference in PFS (HR=1.00; 95% CI, 0.79-1.27)^b

CI, confidence interval; ESR1m, ESR1 mutation; HR, hazard ratio; PFS, progression-free survival; SOC ET, standard of care endocrine therapy. The median follow-up was 16.6 months in the imlunestrant arm and 16.8 months in the SOC ET arm.

a At full alpha; b Data available in supplementary slide 24.

Primary Endpoint: Imlunestrant + Abemaciclib vs Imlunestrant Investigator-assessed PFS in All Patients



Imlunestrant + abemaciclib led to a 43% reduction in the risk of progression or death over imlunestrant alone in all patients

HR, 0.57 (95% CI, 0.44-0.73)

p<0.001

Investigator-assessed PFS by Subgroup: Consistent Imlunestrant + Abemaciclib Benefit Across Subgroups

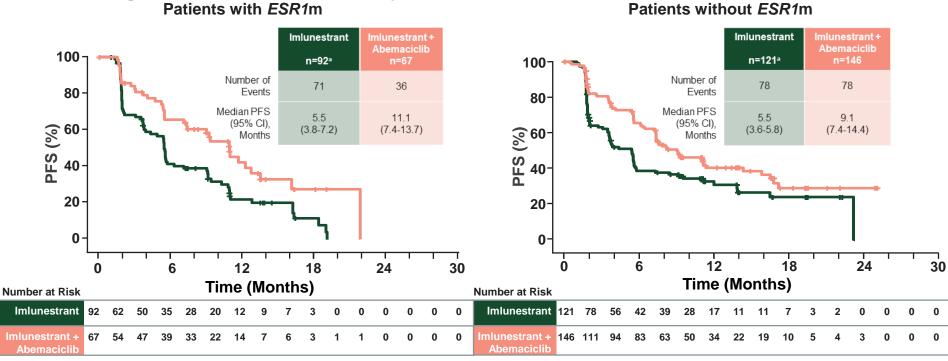
	Imlunestra	ant + abemacicl	ib Imlunestrant			
Subgroup		No. of Eve	ents/Total No.	Hazard Ratio (95% CI)		Interaction p-value
All Patients		114/213	149/213	₩	0.57 (0.44, 0.73)	
Age	<65 years ≥65 years	71/122 43/91	99/134 50/79	⊢	0.64 (0.47, 0.87) 0.58 (0.38, 0.87)	0.705
Region	East Asia North America/Western Europe Other	35/66 51/95 28/52	48/67 66/92 35/54		0.57 (0.36, 0.88) 0.53 (0.37, 0.77) 0.83 (0.50, 1.37)	0.370
Number of metastatic sites	1 2 ≥3	26/76 34/57 54/80	39/65 50/74 60/74		0.49 (0.30, 0.81) 0.67 (0.43, 1.03) 0.58 (0.40, 0.85)	0.744
Visceral metastasis	No Yes	44/94 70/119	61/93 88/120	<u> </u>	0.64 (0.43, 0.94) 0.55 (0.40, 0.75)	0.439
Liver metastasis	No Yes	78/156 36/57	90/144 59/69		0.68 (0.50, 0.92) 0.47 (0.31, 0.73)	0.142
Bone-only metastasis	No Yes	95/162 19/51	124/167 25/46	⊢	0.59 (0.45, 0.78) 0.55 (0.30, 1.02)	0.849
Previous CDK4/6 inhibitor	No Yes	35/74 79/139	40/73 109/140		0.82 (0.52, 1.29) 0.51 (0.38, 0.68)	0.066
Line of therapy in advanced setting	First-line Second-line	28/63 85/149	40/61 107/150	<u> </u>	0.55 (0.34, 0.90) 0.62 (0.47, 0.83)	0.705
ESR1 mutation status	Detected Not detected	36/67 78/146	71/92 78/121	└──	0.53 (0.35, 0.80) 0.59 (0.43, 0.81)	0.574
PI3K pathway mutation status	Detected Not detected	55/88 53/109	70/84 73/112		0.61 (0.42, 0.87) 0.55 (0.39, 0.79)	0.628
Concurrent <i>ESR1</i> mutation and PI3K pathway mutation status	Detected Not detected	21/40 87/157	38/47 105/149	├	0.48 (0.28, 0.83) 0.61 (0.46, 0.81)	0.576
				0.25 0.5 1 2	· · · · · · · · · · · · · · · · · · ·	

CI, confidence interval. First-line: most recent ET was adjuvant; Second-line: most recent ET was ABC. The total number of patients may not add up due to missing data in certain subgroups. Patients without *ESR1*m include 8 with unknown *ESR1*m status (imlunestrant + abemaciclib, n=1; Imlunestrant, n=7).

Favors Imlunestrant + abemaciclib Favors Imlunestrant

^a Efficacy analyses confined to the imlunestrant population concurrently randomized to imlunestrant + abemaciclib treatment arm.

Subgroup Analysis: Imlunestrant + Abemaciclib vs Imlunestrant Investigator-assessed PFS by *ESR1m* status



HR, 0.53 (95% CI, 0.35-0.80)

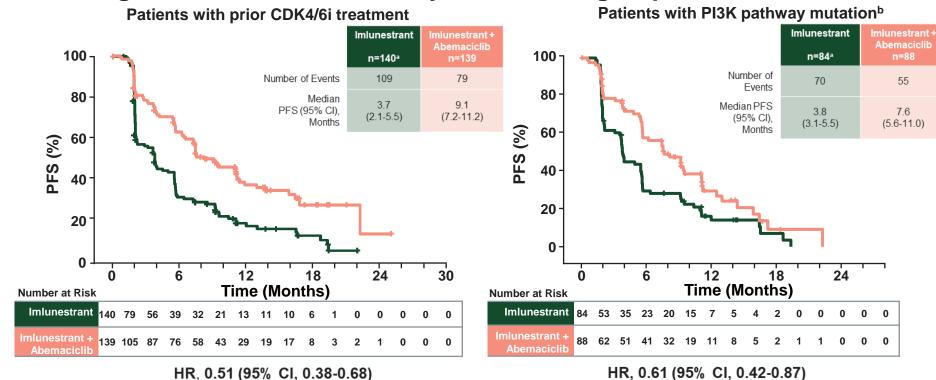
HR, 0.59 (95% CI, 0.43-0.81)

Consistent benefit of imlunestrant + abemaciclib regardless of ESR1m status

CI, confidence interval; ESR1m, ESR1 mutation; HR, hazard ratio; PFS, progression-free survival. ^a Efficacy analyses confined to the imlunestrant population concurrently randomized to imlunestrant + abemaciclib treatment arm. Patients without ESR1m include 8 with unknown ESR1m status (imlunestrant + abemaciclib, n=1; Imlunestrant, n=7).

13

Subgroup Analysis: Imlunestrant + Abemaciclib vs Imlunestrant Investigator-assessed PFS in Key Clinical Subgroups

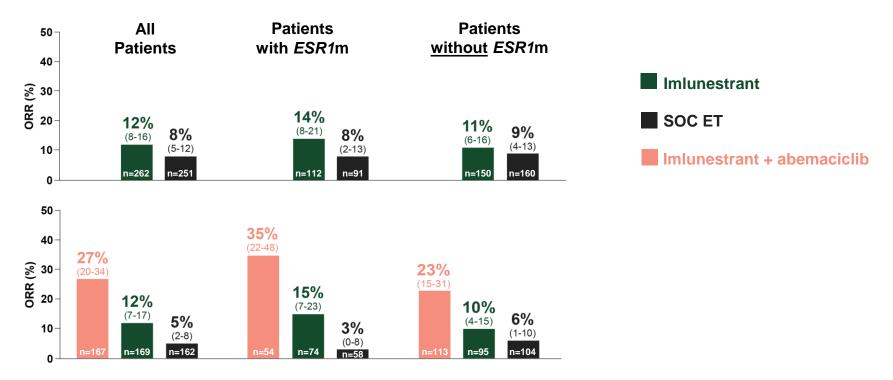


Consistent benefit of imlunestrant + abemaciclib across key clinical subgroups

CDK4/6i, CDK4/6 inhibitor; CI, confidence interval; HR, hazard ratio; PFS, progression-free survival. ^a Efficacy analyses confined to the imlunestrant population concurrently randomized to imlunestrant + abemaciclib treatment arm. ^bIncludes single nucleotide variants and insertions/deletions of *PIK3CA*, *AKT1* or *PTEN* analyzed by Guardant 360 ctDNA assay.

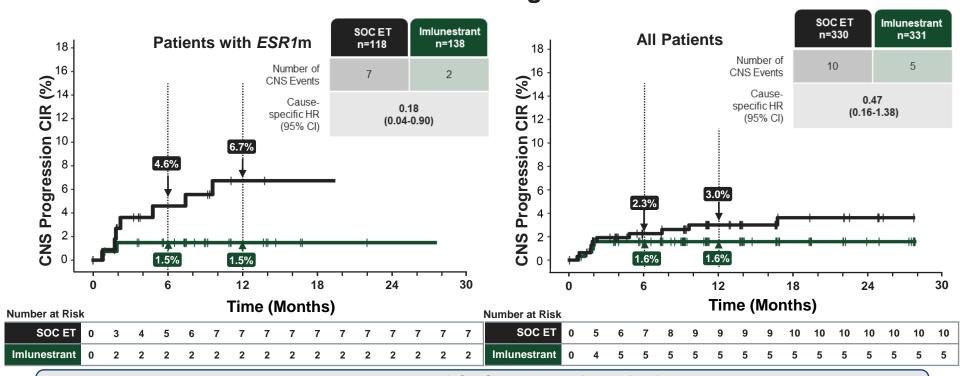
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Secondary Endpoint: Investigator-assessed ORR in Patients with Measurable Disease



ESR1m, ESR1 mutation; ORR, objective response rate; SOC ET, standard of care endocrine therapy. Patients without ESR1m include those with unknown ESR1m status (top bars: imlunestrant, n=13; SOC ET, n=7; bottom bars: imlunestrant + abemaciclib, n=1; Imlunestrant, n=7; SOC ET, n=4). Bottom bars: analyses confined to the imlunestrant/SOC ET population concurrently randomized. The values indicated in parentheses represent the 95% confidence intervals.

Posthoc Exploratory Analysis: Imlunestrant vs SOC ET Cumulative Incidence Rates of CNS Progression

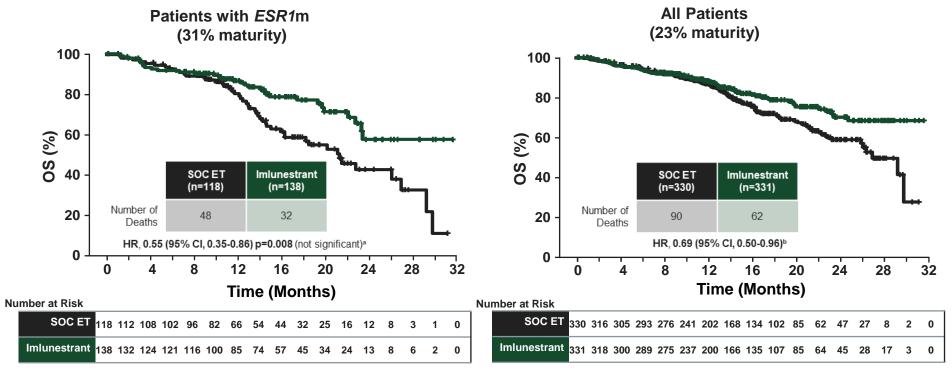


Trend towards lower rates of CNS progression with imlunestrant HR estimate should be interpreted with caution given the low event rate

ESR1m, ESR1 mutation; CI, confidence interval; CNS, central nervous system; HR, hazard ratio; SOC ET, standard of care endocrine therapy. Baseline CNS imaging was required in all patients, serial CNS imaging was required only in patients with CNS metastases at baseline, otherwise performed as clinically indicated.

11 of 15 events were due to new lesions (imlunestrant, n=3; SOC ET, n=8); and 4 of 15 events were due to progressing existing lesions (imlunestrant, n=2; SOC ET, n=2).

Interim Overall Survival



- In patients without *ESR1*m: maturity 18% (HR=0.87; 95% CI, 0.54-1.40)^c
- In all patients within the combination therapy comparison: maturity 15% (HR=1.34; 95% CI, 0.81-2.21)^c

ESR1m, ESR1 mutation; CI, confidence interval; HR, hazard ratio; OS, overall survival. Maturity is defined as the total number of events divided by the total number of patients. a Did not meet prespecified boundary for statistical significance; b Statistical significance was not inferentially tested due to not meeting the PFS endpoint; Prespecified subgroup analysis, not inferentially tested, data available in the online supplementary slides.

Safety and Tolerability

TEAEs in ≥ 10% of Patients, %		estrant 327	SOC n=3	ET 324
	Any Grade	Grade ≥3	Any Grade	Grade ≥3
Patients with ≥ 1 TEAE	83	17	84	21
Fatigue ^a	23	<1	13	1
Diarrhea	21	<1	12	0
Nausea	17	<1	13	0
Arthralgia	14	1	14	<1
ASTincreased	13	1	13	1
Back pain	11	1	7	<1
ALTincreased	10	<1	10	1
Anemia ^a	10	2	13	3
Constipation	10	0	6	<1
Patients with ≥ 1 SAE, %		10		12
Dose reductions due to AE, %		2		0
Discontinuations due to AE, %		4		1
Deaths due to AE on study, %		2		1
Injection Site TEAE, n/N (%	,	NA		292 (9%)
Reaction ^a PRO-CTCAE	, n/N (%) ^c	NA	NA 201/278 (7	

TEAEs in ≥ 20% of Patients, %	Imlunestrant - n=2	
	Any Grade	Grade ≥3
Patients with ≥ 1 TEAE	98	49
Diarrhea	86	8
Nausea	49	2
Neutropenia ^a	48	20
Anemia ^a	44	8
Fatigue ^a	39	5
Vomiting	31	1
Leukopenia ^a	26	4
Hypercreatinemia ^a	22	1
Abdominal pain ^a	20	2
Decreased appetite	20	1
D. I		47

Patients with ≥ 1 SAE, %	17
Dose reductions due to AE, %d	39
Discontinuations due to AE, %	6
Deaths due to AE on study, %	1

Generally favorable safety profile

Safety consistent with the known abemaciclib profile

AE, adverse event; ALT, alanine aminotransferase; AST, aspartate aminotransferase; NA, not applicable; PRO-CTAE, Patient Reported Outcomes-Common Terminology Criteria for AEs; SAE, serious AEs; TEAE, treatment-emergent AE. a Consolidated term; b N is the number of evaluable patients who received fulvestrant; c N is the number of evaluable patients who completed the PRO-CTCAE survey (answered "yes" or "no" to injection site pain, swelling, or redness). d Dose reduction of imlunestrant alone: 2%; abemaciclib alone: 23%; both drugs: 14%

Conclusions

Imlunestrant monotherapy

- Significantly improved PFS vs SOC ET in patients with ESR1m (HR=0.62; 95% CI, 0.46-0.82) but did not reach statistical significance in the overall population (HR=0.87; 95% CI, 0.72-1.04)
- Consistent benefit across key subgroups, secondary and exploratory endpoints, and sensitivity analyses
- OS analyses were immature and ongoing
- Favorable safety profile; no oral SERD specific safety signals (eg, ocular or cardiac)

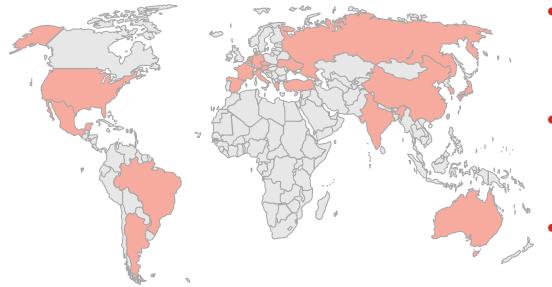
Imlunestrant + abemaciclib

- Significantly improved PFS vs imlunestrant in all patients (HR=0.57; 95% CI, 0.44-0.73), regardless of ESR1m status, achieving a 9.4-month PFS (95% CI, 7.5-11.9), with consistent benefit across key subgroups
- Predictable safety, comparable to prior studies of fulvestrant + abemaciclib with a low discontinuation rate (6%) relative to available combination regimens (13-26%)^{1,2}

Imlunestrant, as monotherapy or combined with abemaciclib, provides an all-oral targeted therapy option after progression on ET for patients with ER+, HER2- ABC

Acknowledgements

We thank the 874 clinical trial participants and their families/caregivers from 195 sites in 22 countries for participating in this trial



- We thank the investigators and their support staff who participated in this work
- We are very grateful for the time and efforts of the EMBER-3 Steering Committee
- This study was sponsored by Eli Lilly and Company

Supplemental Slides

IMLUNESTRANT, AN ORAL SELECTIVE ESTROGEN RECEPTOR DEGRADER (SERD), AS MONOTHERAPY AND COMBINED WITH ABEMACICLIB, FOR PATIENTS WITH ER+, HER2-ADVANCED BREAST CANCER (ABC), PRETREATED WITH ENDOCRINE THERAPY (ET): RESULTS OF THE PHASE 3 EMBER-3 TRIAL

Demographics and Baseline Characteristics

Characteristic		lmlunestrant		SOC ET		lmlunestrant + abemaciclib	
		All n=331	<i>ESR1</i> m n=138	All n=330	<i>ESR1</i> m n=118	All n=213	
Median age, years (rang	ge)	61 (28-87)	61 (28-85)	62 (27-89)	60 (33-85)	62 (36-87)	
Female, %		99	100	99	100	99	
Post-menopausal, %		84	88	86	89	86	
Race, %	White	56	58	58	64	52	
	Asian	28	25	29	26	34	
Black	or African American	3	5	2	3	4	
Region, %	East Asia	25	22	26	22	31	
North Americ	ca/ Western Europe	38	46	39	46	45	
	Other	37	33	36	32	24	
Progesterone receptor-positive, %		78	79	79	82	74	
ESR1 mutation, % ^a		42	100	36	100	32	
PI3K pathway mutation	ıs, % ^b	39	52	39	48	41	

Baseline characteristics were also generally well balanced in patients with *ESR1*m

ESR1m, ESR1 mutation; SOC ET, standard of care endocrine therapy. a Samples were analyzed by Guardant360 CDx, except for patients from China where samples were analyzed by OncoCompass Plus assay (Burning Rock Biotech); b Includes single nucleotide variants and insertions/deletions of PIK3CA, AKT1 or PTEN analyzed by Guardant 360 ctDNA assay. This analysis excludes patients from China or with unknown ESR1m status.

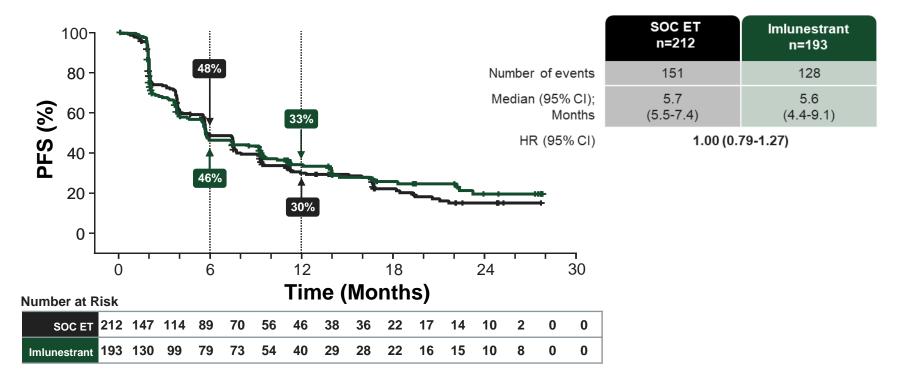
Disease Characteristics and Previous Therapies

Characteristic		lmlunestrant		SOC ET		lmlunestrant + abemaciclib	
		All n=331	<i>ESR1</i> m n=138	All n=330	<i>ESR1</i> m n=118	All n=213	
Site of metastases, %	Visceral	57	61	54	57	56	
	Liver	32	41	30	40	27	
	Bone-only	22	20	26	25	24	
Endocrine resistance, %a	Primary	8	0	11	0	8	
	Secondary	92	100	89	100	93	
Most recent ET, %b	Adjuvant	32	21	34	20	30	
	ABC	63	73	63	77	68	
Previous CDK4/6i, %	Overall	59	67	57	72	65	
	Adjuvant	4	2	5	3	3	
	ABC	55	65	53	70	62	
Previous CDK4/6i therapy, %c	Palbociclib	61	69	69	72	65	
	Ribociclib	29	24	27	26	27	
	Abemaciclib	10	8	4	2	7	

Baseline characteristics were also generally well balanced in patients with *ESR1*m

CDK4/6i, CDK4/6 inhibitor; ESR1m, ESR1 mutation; SOC ET, standard of care endocrine therapy. Per ESO-ESMO International Consensus Guidelines for ABC (ABC 6 and 7); Adjuvant ET = First-line; ABC = Second-line; Percentages calculated based on the numbers of patients who received prior CDK4/6i therapy (imlunestrant, n=195; SOC ET, n=189; imlunestrant + abemaciclib, n=139).

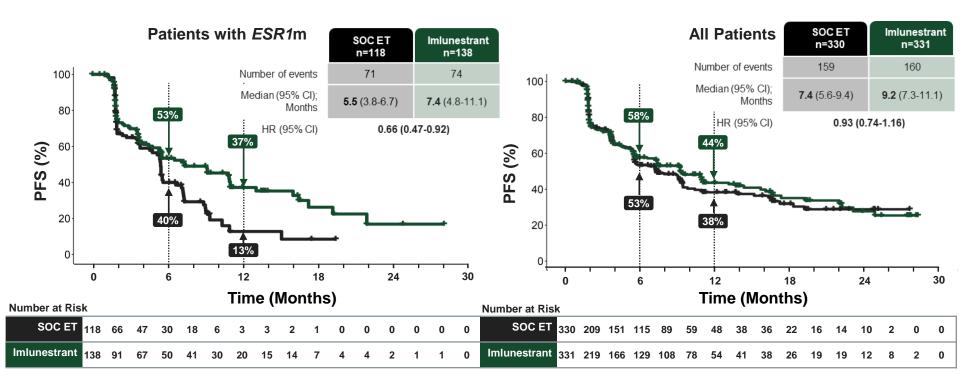
Exploratory Analysis: Investigator-assessed PFS Imlunestrant vs SOC ET in Patients without *ESR1*m



No difference in PFS observed between imlunestrant and SOC ET in patients without ESR1m

CI, confidence interval; ESR1m, ESR1 mutation; HR, hazard ratio; PFS, progression-free survival; SOC ET, standard of care endocrine therapy. Patients without ESR1m include 20 patients with unknown ESR1m status (Imlunestrant, n=13; SOC ET, n=7)

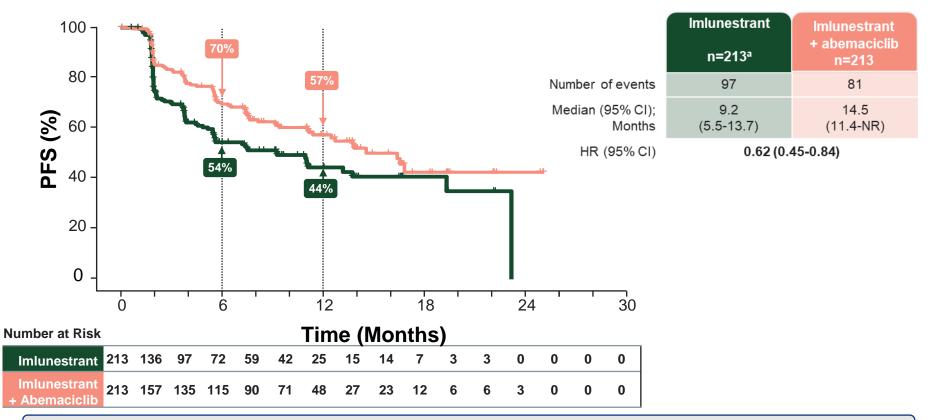
Secondary Endpoint: Imlunestrant vs SOC ET BICR-assessed PFS



PFS by BICR is consistent with investigator assessment

BICR, blinded independent central review; CI, confidence interval; ESR1m, ESR1 mutation; HR, hazard ratio; PFS, progression-free survival; SOC ET, standard of care endocrine therapy

Secondary Endpoint: Imlunestrant + Abemaciclib vs Imlunestrant BICR-assessed PFS in All Patients



BICR results were consistent with investigator assessment

BICR, blinded independent central review; CI, confidence interval; HR, hazard ratio; NR, not reached. * Efficacy analyses confined to the imlunestrant population concurrently randomized to imlunestrant + abemaciclib treatment arm

Investigator-assessed PFS by Subgroup in Patients Previously treated with CDK4/6 inhibitor: Consistent Benefit of Imlunestrant + Abemaciclib

Imlunestrant + abemaciclib Imlunestrant No. of Events/Total No. Hazard Ratio (95% CI) Interaction p-value Subgroup 79/139 109/140 Patients previously treated with CDK4/6i 0.51 (0.38-0.68) 9/10 10/13 Prior CDK4/6i type in any setting Abemaciclib 0.93 (0.37-2.31) 0.180 Palbociclib 44/90 66/86 0.43 (0.29-0.63) Ribociclib 25/37 32/39 0.57 (0.34-0.98) ESR1 mutation status Detected 28/53 59/72 0.44 (0.28-0.70) 0.635 51/86 Not Detected 50/68 0.55 (0.37-0.82) 37/61 55/63 PI3K pathway mutation status Detected 0.52 (0.34-0.79) 0.705 Not Detected 41/75 51/69 0.47 (0.31-0.72) Concurrent ESR1 mutation and 13/29 33/39 0.278 Detected 0.32 (0.16-0.63)

73/93

0.5

0.25

2 Favors Imlunestrant + abemaciclib **Favors Imlunestrant**

65/107

Not Detected

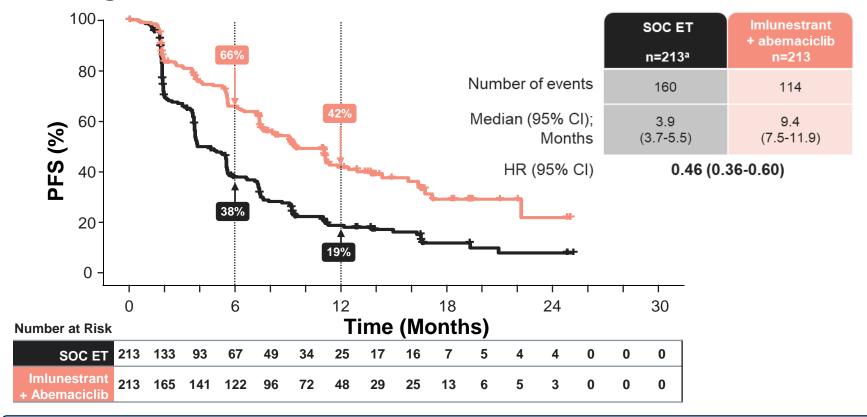
Data from Jhaveri et al. NEJM. 2024: 10.1056/NEJMoa2410858

Cl, confidence interval; a Efficacy analyses confined to the imlunestrant population concurrently randomized to imlunestrant + abemaciclib treatment arm

0.53 (0.38-0.74)

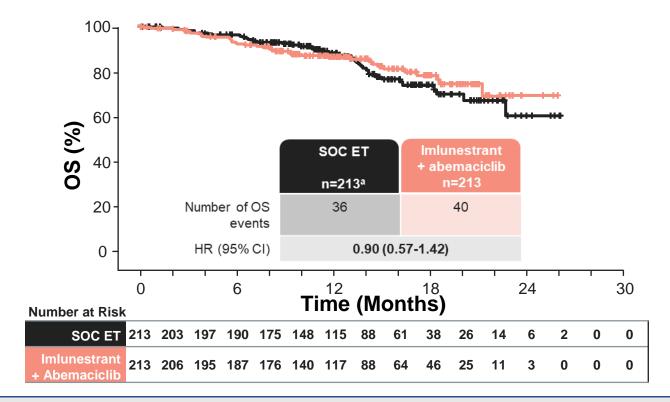
PI3K pathway mutation status

Exploratory Endpoint: Imlunestrant + Abemaciclib vs SOC ET Investigator-assessed PFS in All Patients



Imlunestrant + abemaciclib led to a 54% reduction in the risk of progression or death in all patients

Secondary Endpoint: Imlunestrant + Abemaciclib vs SOC ET OS in All Patients

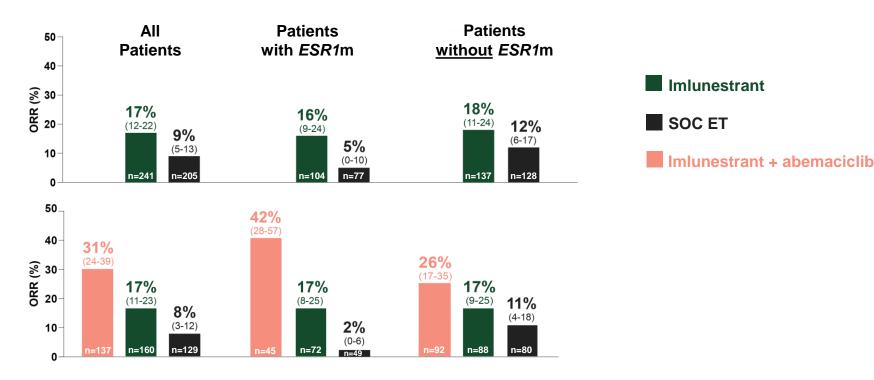


Maturity: 18% in concurrently enrolled patients

CI, confidence interval; ESR1m, ESR1 mutation; HR, hazard ratio. Maturity is defined as the total number of events divided by the total number of patients.

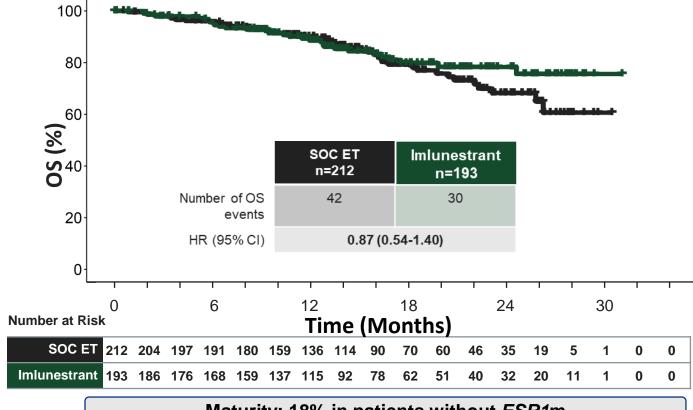
^a Efficacy analyses confined to the SOC population concurrently randomized to imlunestrant + abemaciclib treatment arm

Secondary Endpoint: BICR-assessed ORR In Patients with Measurable Disease



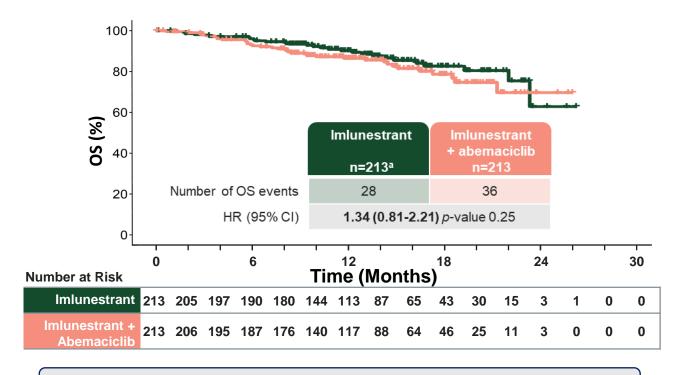
BICR, blinded independent central review; *ESR1*m, *ESR1* mutation; ORR, objective response rate; SOC ET, standard of care endocrine therapy. Patients without *ESR1*m include those with unknown *ESR1*m status (top bars: imlunestrant, n=13; SOC ET, n=7; bottom bars: imlunestrant + abemaciclib, n=1; Imlunestrant, n=7; SOC ET, n=4). Bottom bars: analyses confined to the imlunestrant/SOC ET population concurrently randomized. The values indicated in parentheses represent the 95% confidence intervals.

Exploratory Analysis: Imlunestrant vs SOC ET Interim Overall Survival in Patients without ESR1m



Maturity: 18% in patients without ESR1m

Secondary Endpoint: Imlunestrant + Abemaciclib vs Imlunestrant OS in All Patients



Maturity: 15% in concurrently enrolled patients

CI, confidence interval; HR, hazard ratio. Maturity is defined as the total number of events divided by the total number of patients. ^a Efficacy analyses confined to the imlunestrant population concurrently randomized to imlunestrant + abemaciclib treatment arm.

Safety and Tolerability

TEAEs in ≥ 20% of patients, %		lmlunestrant + abemaciclib n=208		estrant 327	MONARCH 2 ¹ Abemaciclib + fulvestrant n=441		
	Any Grade	Grade ≥3	Any Grade	Grade ≥3	Any Grade	Grade 3	
Patients with ≥ 1 TEAE	98	49	83	17	99	55	
Diarrhea	86	8	21	<1	86	13	
Nausea	49	2	17	<1	45	3	
Neutropenia ^a	48	20	5	2	46	24	
Anemia ^a	44	8	10	2	29	7	
Fatigue ^a	39	5	23	<1	40	3	
Vomiting	31	1	9	1	26	1	
Leukopenia ^a	26	4	5	1	28	9	
Hypercreatinemia ^a	22	1	3	<1	12	1	
Abdominal pain ^a	20	2	9	<1	35	3	
Decreased appetite	20	1	8	<1	27	1	
Patients with ≥ 1 SAE, % ^b	17	17		10		22	
Dose reductions due to AE, %	39⁰	39°		2		43	
Discontinuations due to AE, %	6		4			16	
Deaths due to AE on study, %	1		2			2	

Safety was consistent with known imlunestrant and abemaciclib profiles & compared favorably to fulvestrant + abemaciclib from MONARCH 2

AE, adverse event; SAE, serious adverse event; TEAE, treatment-emergent adverse event. a Consolidated term; SAE occurring on study and within 30 days of study treatment discontinuation; Dose reductions: imlunestrant alone, 2%; abemaciclib alone, 23%; imlunestrant + abemaciclib, 14%. 1. Sledge GW Jr, et al. J Clin Oncol. 2017;35(25):2875-2884.