

Management of Advanced Endometrial Cancer

Cancer ECHO UM
7 Aug 2024

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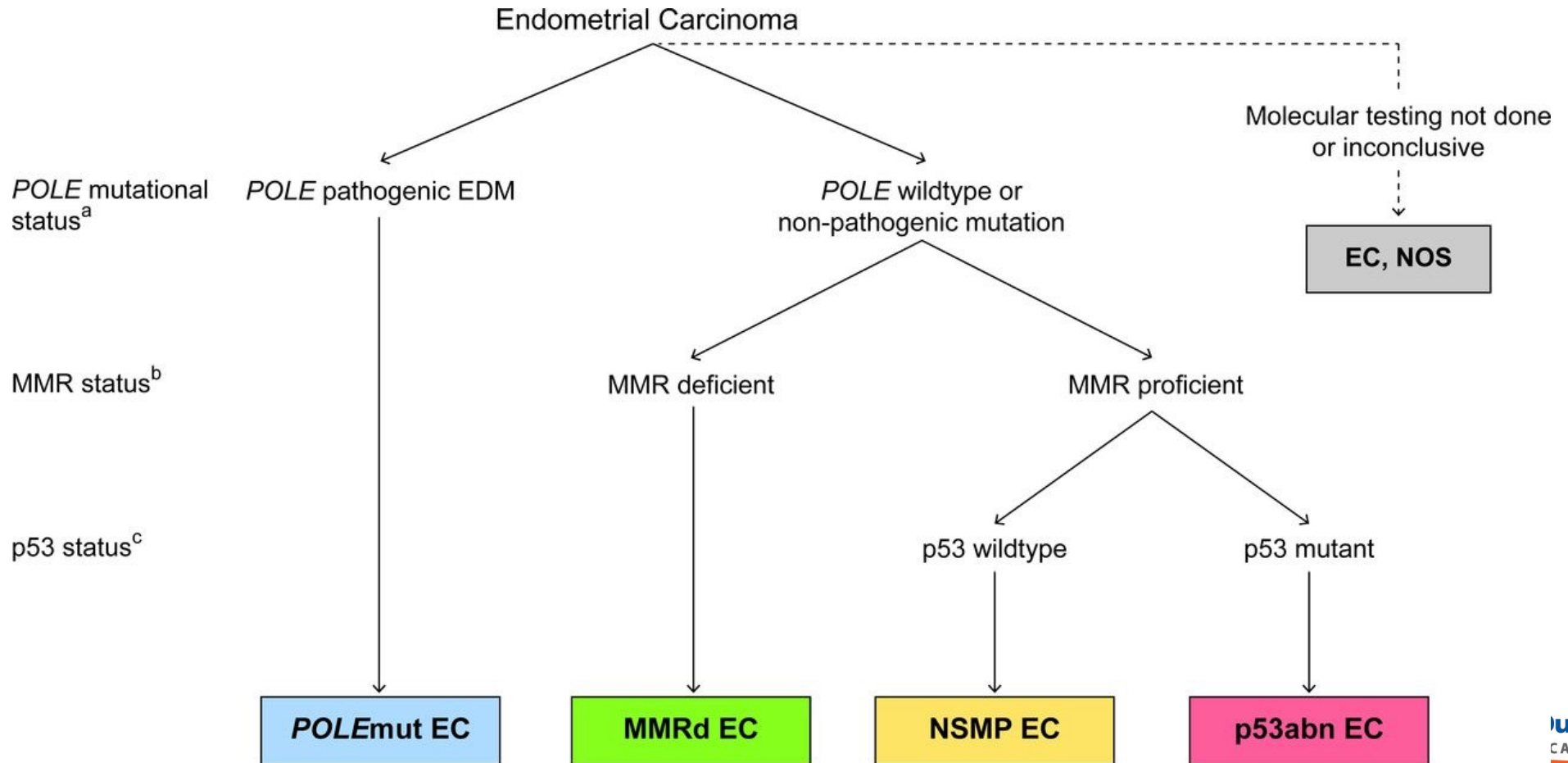
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Endometrial Cancer: From “Cinderella Disease” to “Embarrassment of Riches” – or not?



Molecular Classification of EC



Léon-Castillo A. Int J Gynecol Cancer 2023; 33(3):333-42.

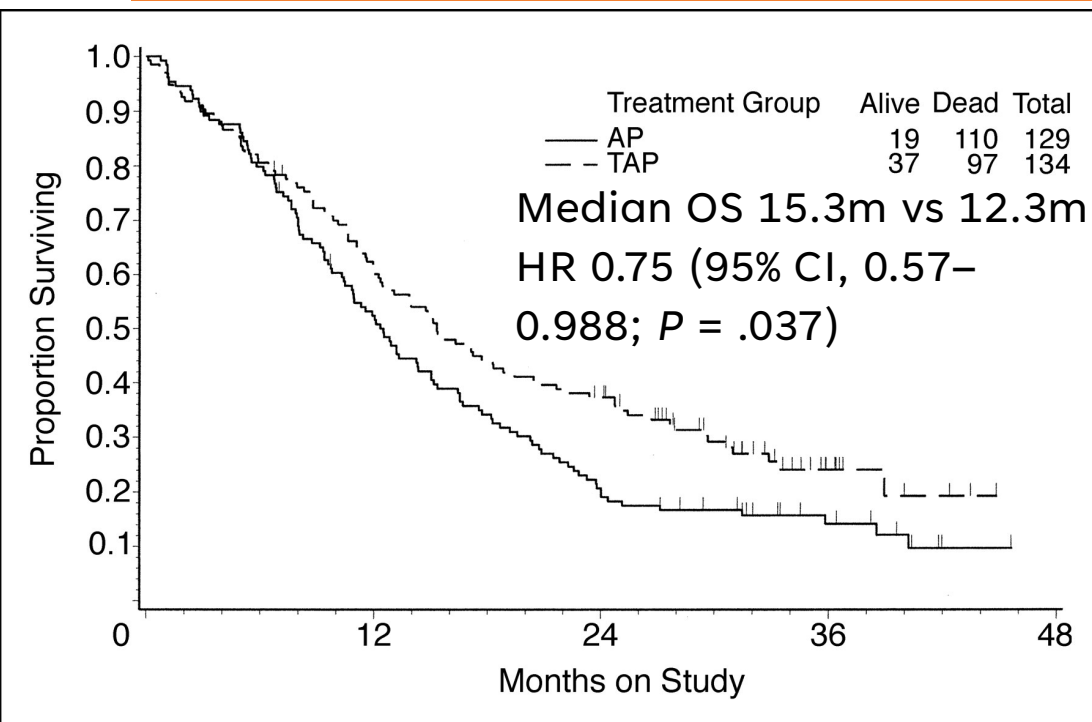
Scope

- First-line systemic therapies
 - Chemotherapy
 - Trastuzumab for advanced HER2+ uterine serous carcinoma
 - First-line chemoimmunotherapy trials with ICI ± PARP inhibitor maintenance
 - XPO1 inhibitor maintenance
- Later-line systemic therapies
 - Anti-PD-1 for dMMR tumours
 - Pembrolizumab + Lenvatinib
 - Endocrine-based therapies
 - Antibody-drug conjugates

First-line Systemic Therapies

S₁

GOG 177: T₁₆₀A₄₅P₅₀ is Superior to, But More Toxic Than, A₆₀P₅₀ x 7#



ORR 57% v 34%; P <.01

Median PFS 8.3m vs 5.3m; P <.01

5 treatment-related deaths in TAP arm

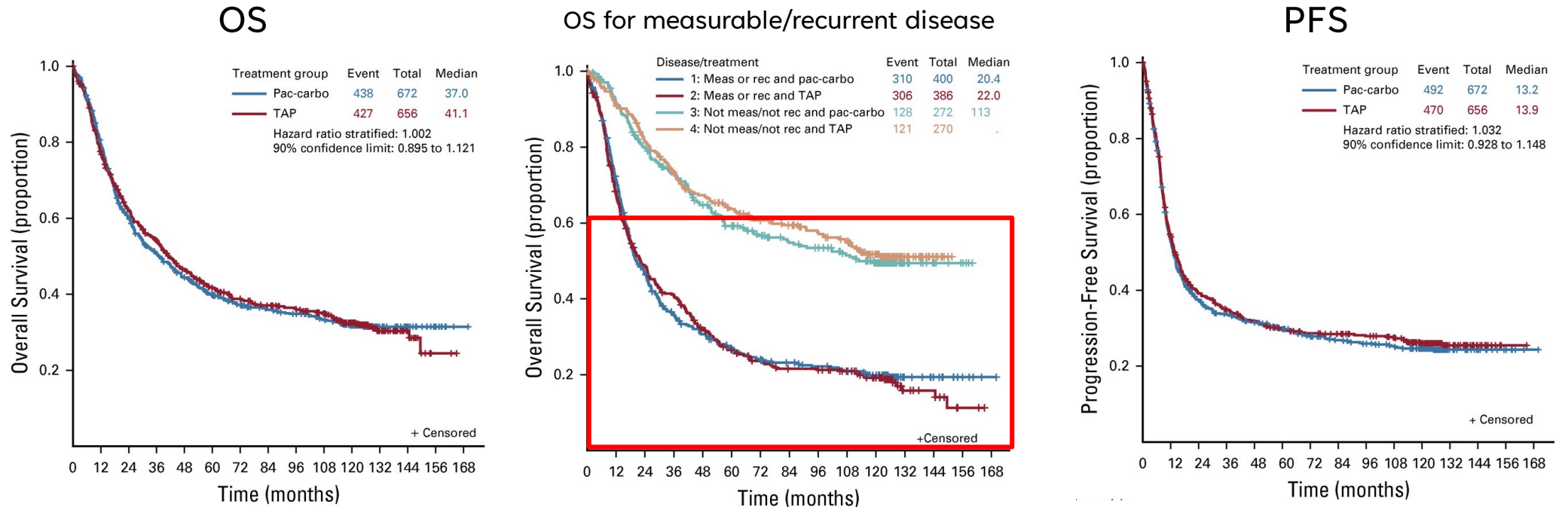
Table 3. Grade 2-4 Toxicities

Toxicity	% of Patients					
	AP (n = 129)			TAP (n = 131)		
	Maximum Grade			Maximum Grade		
	2	3	4	2	3	4
Neutropenia	5	39	50	13	23	36*
Thrombocytopenia	8	1	2	21	20	2
Auditory	5	0	0	7	0	0
LVEF	11	0	0	10	2	0
Pulmonary	1	1	2	5	2	0
DVT	1	7	0	1	6	0
Constitutional	26	6	6	31	10	2
Vomiting	24	8	0	23	10	2
Diarrhea	7	4	0	8	8	1
Mucositis or stomatitis	5	1	0	7	1	0
GU/renal	10	1	1	3	3	1
Metabolic	15	7	2	8	12	7
Sensory peripheral neuropathy	4	1	0	27	12	0

Fleming GF *et al.* J Clin Oncol 2004; 22(11):2159-66.



GOG 209: T₁₇₅C₆ x 7# is Non-inferior to T₁₆₀A₄₅P₅₀ x 7#

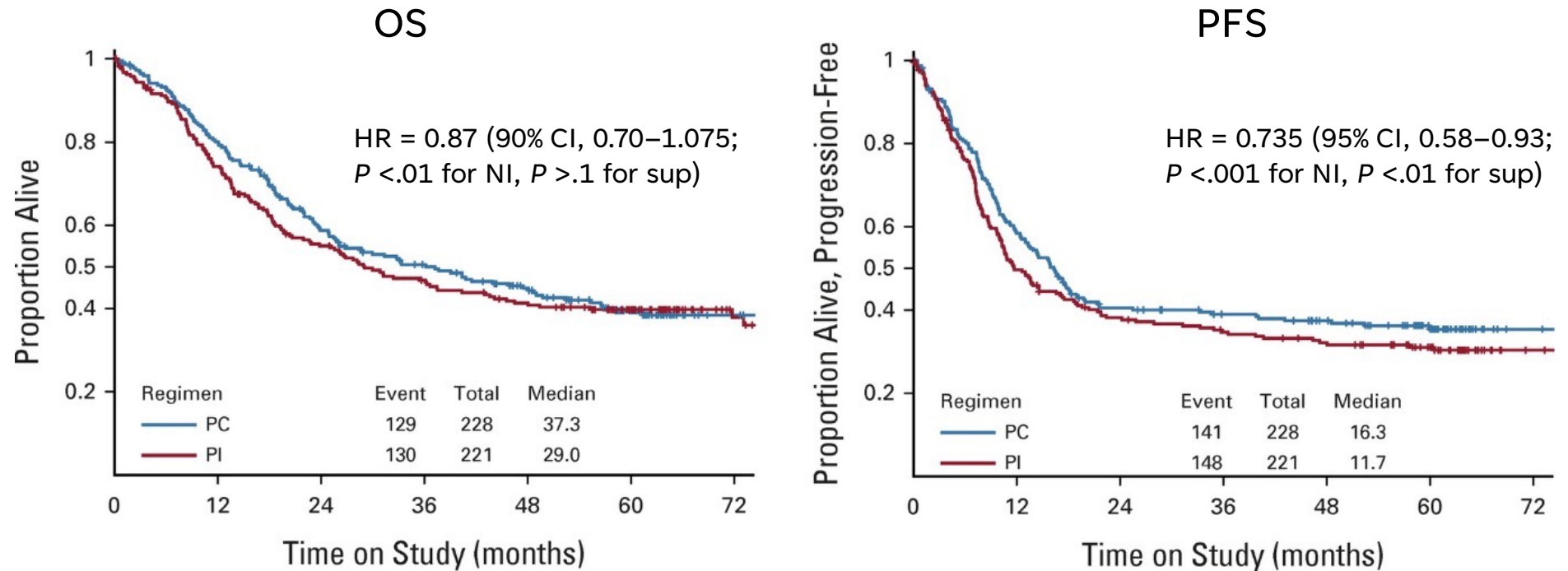


ORR in pts with meas. disease:
52% in both arms
(c.f. 55% / 65% in control arms of
LEAP-001 / RUBY Part 1)

More frequent G3-4 thrombocytopenia, vomiting, diarrhoea and metabolic AEs with TAP
More common neutropenia (80% vs 52%) with TC than TAP + GCSF
HRQoL favoured TC

Miller DS et al. J Clin Oncol 2020; 38(33): 3841-50.

GOG 261: TC is Non-inferior to Ifos/Pac for Uterine Carcinosarcoma



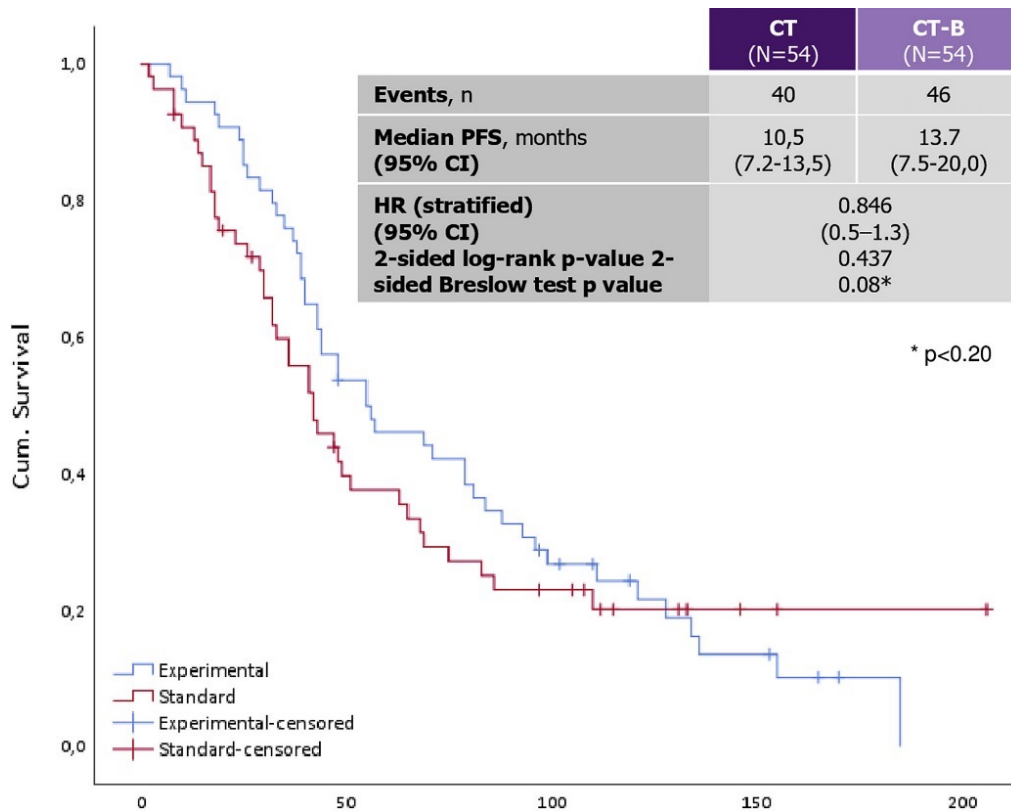
Greater frequency of G3-4 haematologic AEs with TC (GCSF given in Ifos/Pac arm)
 Greater frequency of confusion and GU haemorrhage with Ifos/Pac

Powell MA *et al.* J Clin Oncol 2022; 40(9):968-77.



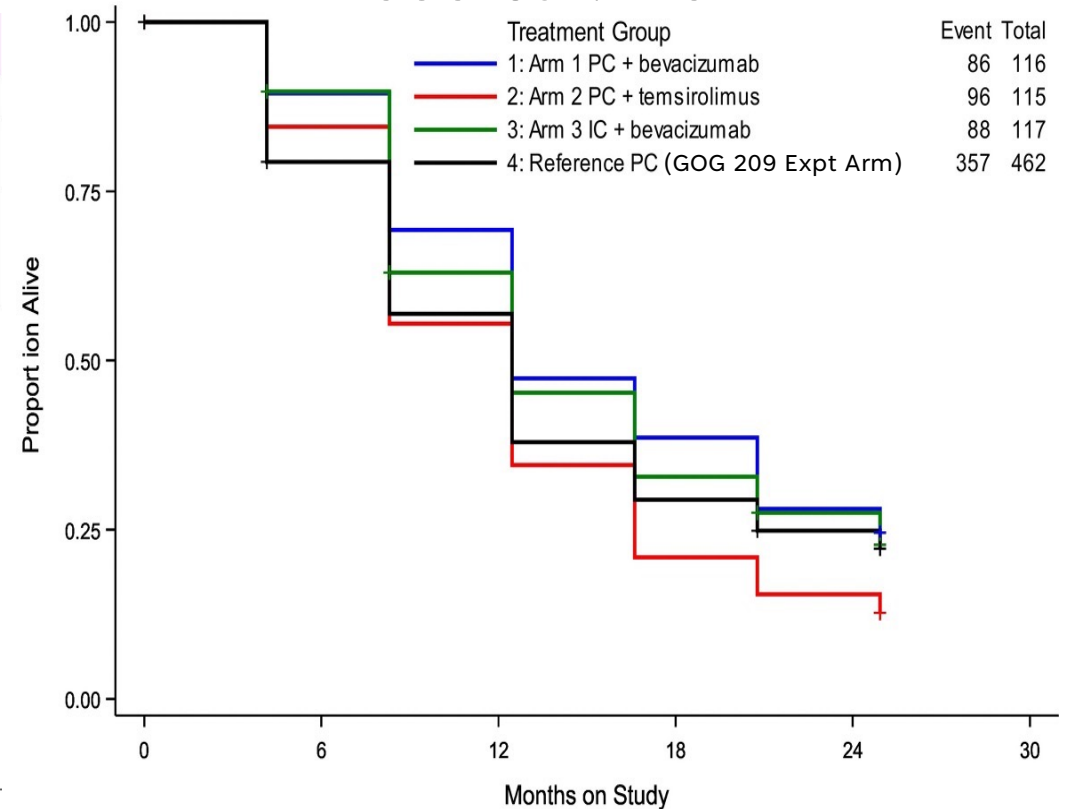
Bevacizumab: 2 Negative Phase II Trials in 1st & 2nd Lines

Randomised Phase II MITO END-2: PFS



Lorusso D *et al.* Gynecol Oncol 2019; 155(3):406-12.

GOG-86P: PFS



Aghajanian C *et al.* Gynecol Oncol 2018; 150(2):274-81.

Randomised Phase II Trial of Trastuzumab for Stage III-IV or Recurrent HER2+ USC

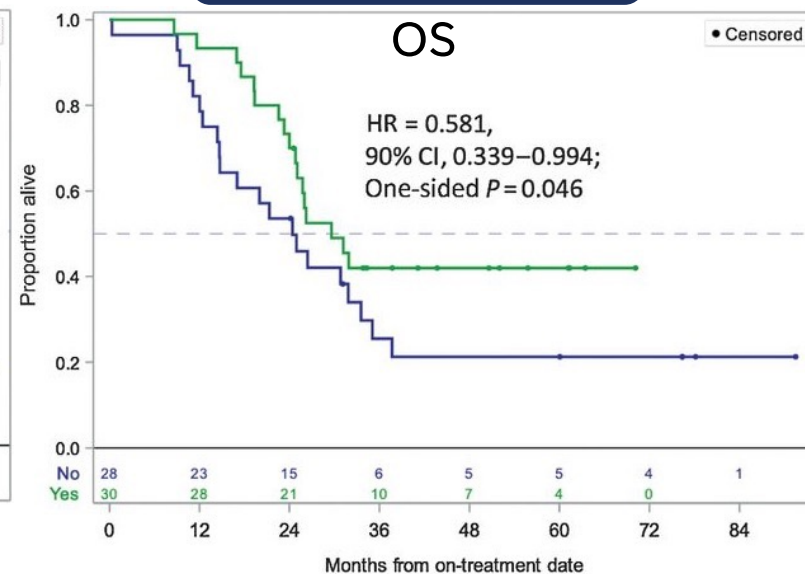
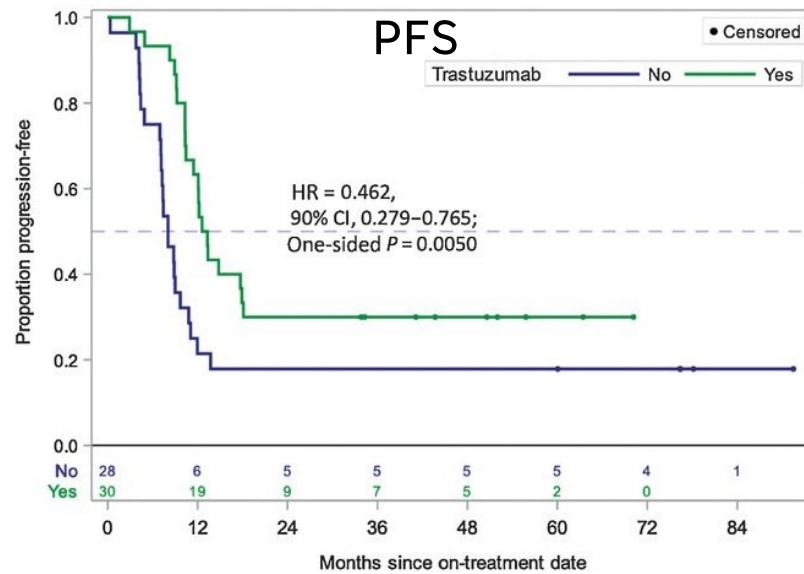
FIGO 2009 stage III-IV or recurrent histologically confirmed USC ($\geq 10\%$ in specimen)
 HER2+ as defined by IHC 3+ or 2+ with gene amplification by FISH
 N = 61

R
A
N
D
O
M
I
S
E



(1:1)

Pac/Carbo + Trastuz x 6# →
 Trastuz until PD or toxicity

Pac/Carbo x 6#



Phase III 1L ICI + Chemo ± PARPi Trials in Advanced EC

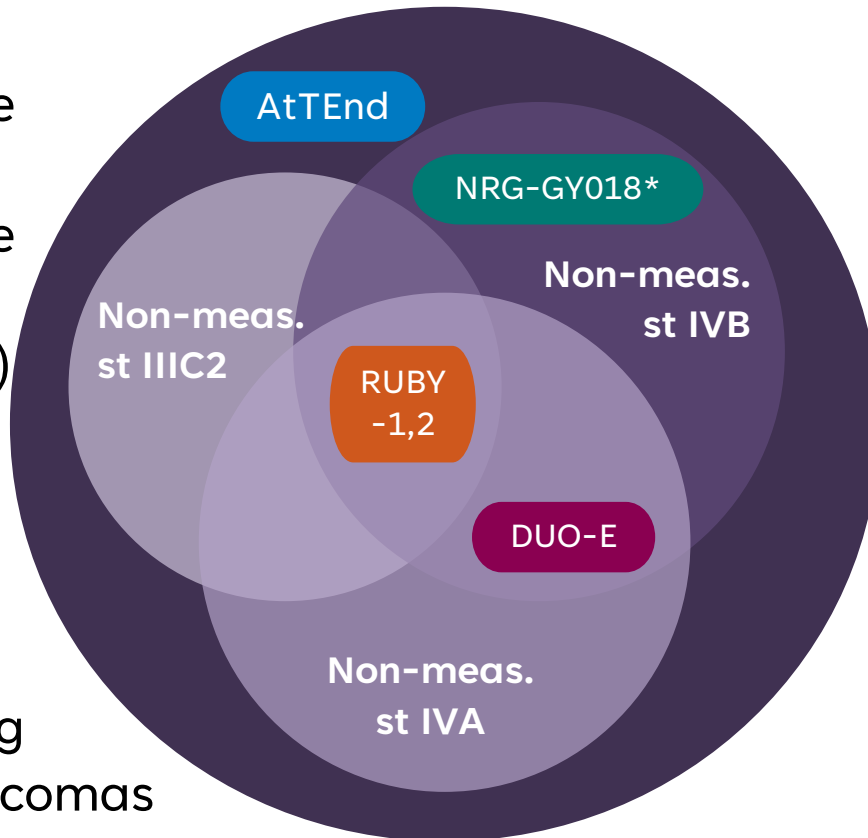
	RUBY Part 1 ^{1,2}	RUBY Part 2 ³	NRG-GY018 ^{4,5}	AtTEnd ⁶	DUO-E ^{7,8}
	Dostarlimab 500 mg q3w + TC → Dostar 1000 mg q6w 3y	Dostarlimab 500 mg q3w + TC → Dostar 1000 mg q6w 3y + Niraparib ISD 3y	Pembrolizumab 200 mg q3w + TC → Pembro 400 mg q6w 2y	Atezolizumab 1200 mg q3w + TC → Atezo 1200 mg q3w until PD	Durvalumab 1120 mg q3w + TC → Durva 1500 mg q4w + Olaparib 300 mg BD until PD
	Placebo + TC → Placebo	Placebo + TC → Placebo + Placebo	Placebo + TC → Placebo	Placebo + TC → Placebo	Durva + TC → Durva + Pbo until PD Pbo + TC → Pbo/Pbo
	Statistically significant PFS dMMR and ITT, OS ITT	Statistically significant PFS ITT and PFS pMMR	Statistically significant PFS dMMR and pMMR	Statistically significant PFS dMMR and ITT	Statistically significant PFS ITT for Durva + Pbo and Durva + Ola
	Not powered for pMMR	Missing ICI + PC arm OS immature	Not powered for OS UCS excluded	pMMR did not benefit OS ITT immature	Not powered for pMMR or dMMR, Durva + Ola vs Durva + Pbo

1. Mirza MR *et al.* N Engl J Med 2023; 388:2145-58. 2. Powell MA *et al.* Ann Oncol 2024; 35(8):728-38. 3. Mirza MR *et al.* Presented at SGO 2024 Annual Meeting. 4. Eskander RN *et al.* N Engl J Med 2023; 388:2159-70. 5. Eskander RN *et al.* Presented at SGO 2024 Annual Meeting. 6. Colombo N *et al.* Lancet Oncol 2024; S1470-2045(24)00334-6. [online ahead of print]. 7. Westin SN *et al.* J Clin Oncol 2024; 42(3):283-99. 8. Baurain J-F *et al.* Presented at SGO 2024 Annual Meeting.

Summary of Study Designs

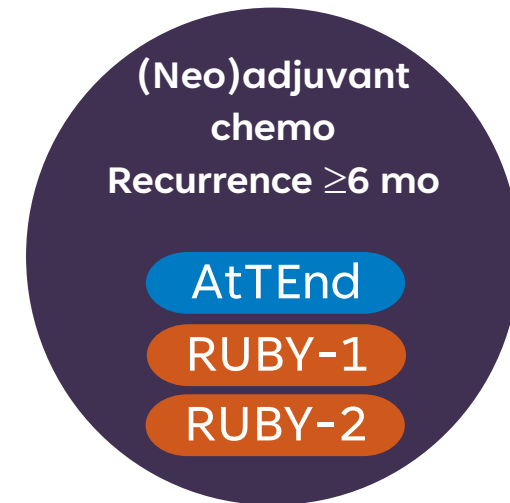
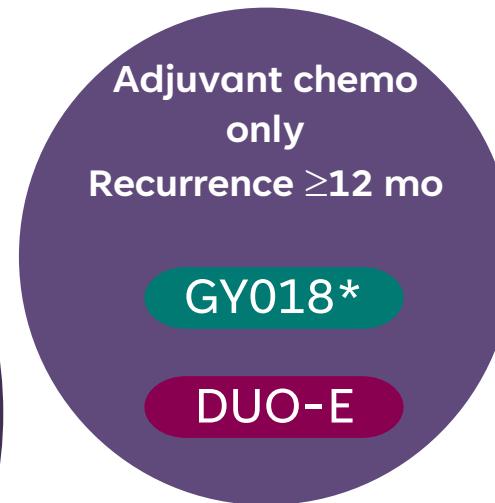
Disease Inclusion Criteria

Recurrent, measurable stage III, measurable stage IV (all 5 trials)



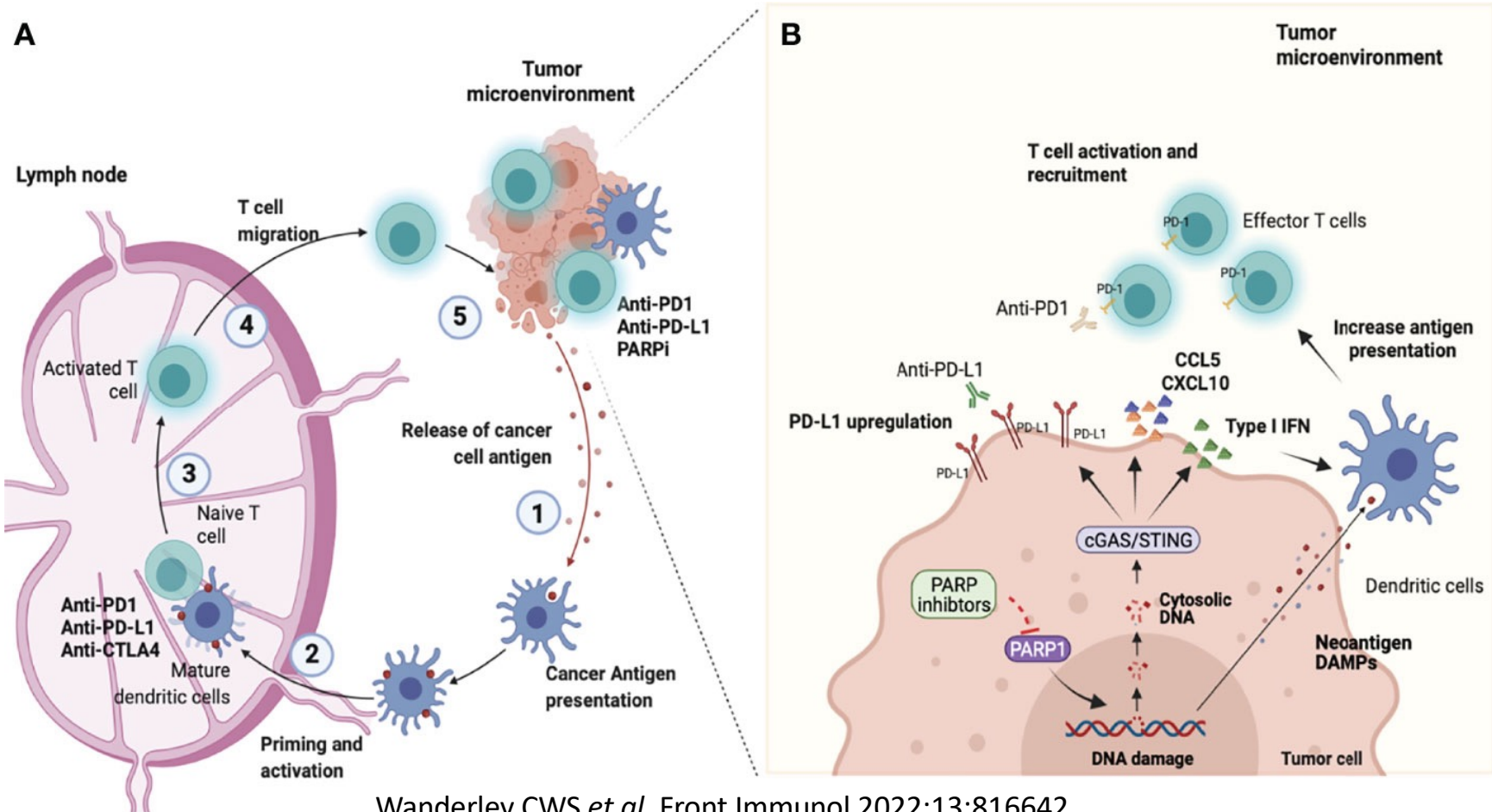
* Excluding carcinosarcomas

Prior Therapy Allowable for Inclusion



Not intended for head-to-head comparison. Cross-trial comparisons cannot be made because trials differ in design, size, time period of recruitment, location of study sites etc.

Combining PARP Inhibitor & ICI



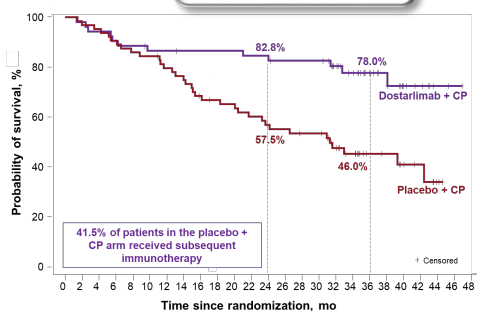
Wanderley CWS *et al.* Front Immunol 2022;13:816642.

Substantial PFS & OS Benefits of 1L ICI + TC in dMMR EC

RUBY Part 11,2

PFS
HR 0.28
(95% CI, 0.16-0.50);
P<0.001

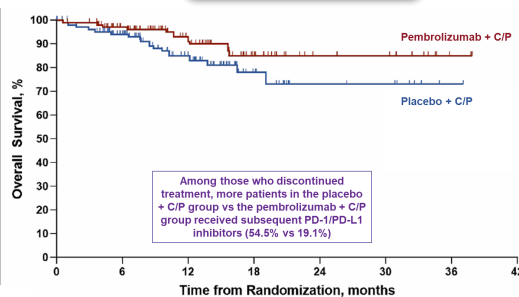
OS
HR 0.32
(95% CI, 0.17-0.63);
Nominal P=0.0002



NRG-GY018^{3,4}

PFS
HR 0.30
(95% CI, 0.19-0.48);
P<0.001

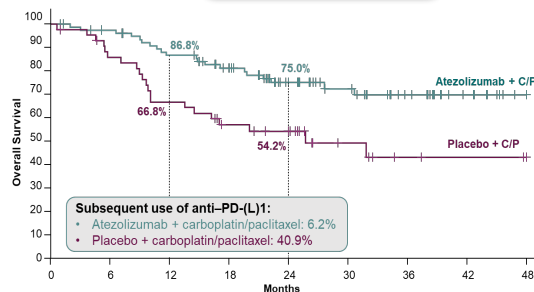
OS
HR 0.55
(95% CI, 0.25-1.19);
Nominal P=0.0617



AtTend⁵

PFS
HR 0.36
(95% CI, 0.23-0.57);
P=0.0005

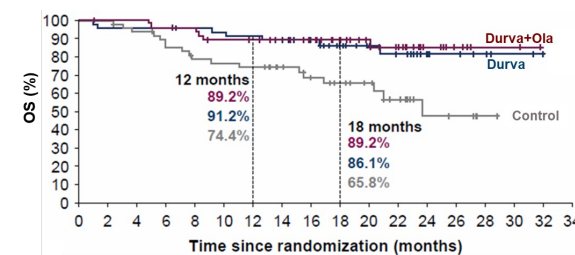
OS
HR 0.41
(95% CI, 0.22-0.76)



DUO-E^{6,7}

PFS
HR 0.42
(95% CI, 0.22-0.80);
Durva + TC arm

OS
HR 0.34
(95% CI, 0.13-0.79)
Durva + TC arm



OS Data	Events, %	Median (95% CI), mo
Dostarlimab + TC	22.6	NE (NE-NE)
Placebo + TC	53.8	31.4 (20.3-NE)
OS data maturity	39.8%	
Median follow-up, mo	36.6	

OS Data	Events, %	Median (95% CI), mo
Pembrolizumab + TC	9.1	NR (NR-NR)
Placebo + TC	15	NR (NR-NR)
OS data maturity	18%	
Median follow-up, mo	13.3-13.7	

OS Data	Events, %	Median (95% CI), mo
Atezolizumab + TC	24.6	NE (NE-NE)
Placebo + TC	47.7	25.7 (13.5-NE)
OS data maturity	--	
Median follow-up, mo	--	

OS Data	Events, %	Median (95% CI), mo
Durvalumab + TC	15.2	NR (NR-NR)
Placebo + TC	36.7	23.7 (16.9-NR)
OS data maturity	21.7%	
Median follow-up, mo	--	

There are no completed direct head-to-head trials in EC. There are inherent limitations in cross-study comparisons; caution should be exercised in comparing trials.

1. Mirza MR *et al.* N Engl J Med 2023; 388:2145-58. 2. Powell MA *et al.* Ann Oncol 2024; 35(8):728-38. 3. Eskander RN *et al.* N Engl J Med 2023; 388:2159-70. 4. Eskander RN *et al.* Presented at at SGO 2024 Annual Meeting. 5. Colombo N *et al.* Lancet Oncol 2024; S1470-2045(24)00334-6. [online ahead of print]. 6. Westin SN *et al.* J Clin Oncol 2024; 42(3):283-99. 7. Baurain J-F *et al.* Presented at at SGO 2024 Annual Meeting.

No Benefit from Adding PARPi to Anti-PD-(L)1 in dMMR EC

RUBY Part 2^{1,2,3}

PFS

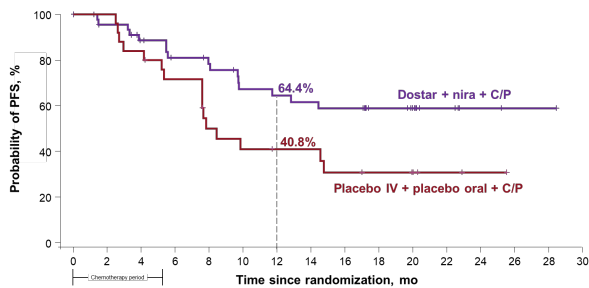
HR 0.48
(95% CI, 0.27-0.96);
Nominal P=0.0174
Dostar + Nira + TC arm

HR 0.28
(95% CI, 0.16-0.50);
P<0.001
Part 1 Dostar + TC

OS

The trial is
ongoing for OS
follow-up

HR 0.32
(95% CI, 0.17-0.63);
Nominal P=0.0002
Part 1 Dostar + TC



PFS data	Events, %	Median (95% CI), mo
Dostarlimab + Niraparib + TC	32	NE (11.8-NE)
Placebo + TC	64	7.9 (5.4-NE)
PFS data maturity		42.7%
Median follow-up, mo		18.7

DUO-E^{4,5}

PFS

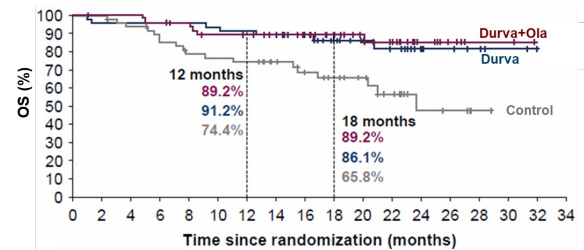
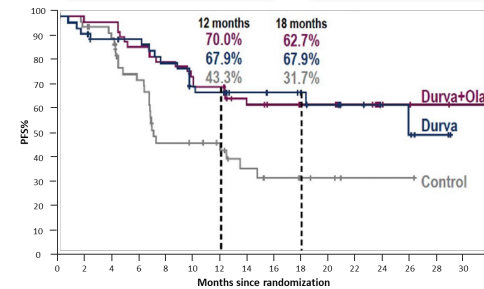
HR 0.41
(95% CI, 0.21-0.75)
Durva + Ola+ TC arm

HR 0.42
(95% CI, 0.22-0.80)
Durva + TC arm

OS

HR 0.28
(95% CI, 0.10-0.68)
Durva + Ola+ TC arm

HR 0.34
(95% CI, 0.13-0.79)
Durva + TC arm



PFS data	Events, %	Median (95% CI), mo
Durvalumab + Olaparib + TC	37.5	31.8 (12.4-NR)
Durvalumab + TC	32.6	NR (NR-NR)
Placebo + TC	51	7.0 (6.7-14.8)
OS data maturity		--
Median follow-up, mo		17.1 (Durva+PC); 17.5 (Durva+Ola+PC)

There are no completed direct head-to-head trials in EC. There are inherent limitations in cross-study comparisons; caution should be exercised in comparing trials.

- Mirza MR *et al.* N Engl J Med 2023; 388:2145-58.
- Powell MA *et al.* Ann Oncol 2024; 35(8):728-38.
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- Baurain J-F *et al.* Presented at at SGO 2024 Annual Meeting.

Clinically Meaningful PFS & OS Benefits of 1L ICI + Chemo in pMMR EC

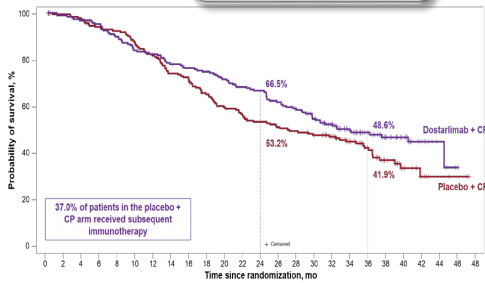
RUBY Part 11,2

PFS

HR 0.76
(95% CI, 0.59-0.98)

OS

HR 0.79
(95% CI, 0.60-1.04);
nominal $P=0.0493$



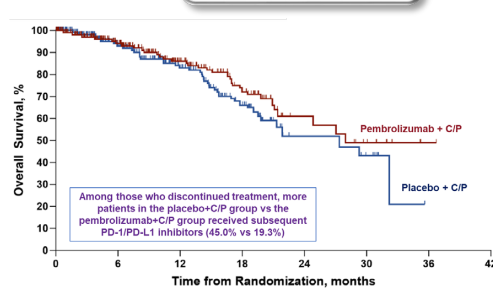
NRG-GY018^{3,4}

PFS

HR 0.54
(95% CI, 0.41-0.71);
 $P<0.001$

OS

HR 0.79
(95% CI, 0.53-1.17)
Nominal $P=0.1157$



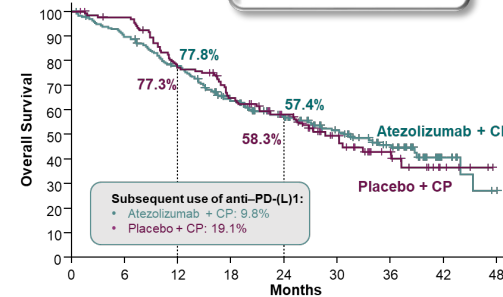
AtTEnd⁵

PFS

HR 0.92
(95% CI, 0.73-1.16);

OS

HR 1.00
(95% CI; 0.74-1.35)



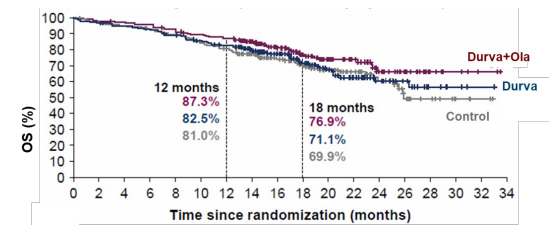
DUO-E^{6,7}

PFS

HR 0.77
(95% CI, 0.60-0.97);
Durva + TC arm

OS

HR 0.91
(95% CI, 0.64-1.30)
Durva + TC arm



OS Data	Events, %	Median (95% CI), mo
Dostarlimab + TC	50.5	34.0 (28.6-NE)
Placebo + TC	59.2	27.0 (21.5-35.6)
OS data maturity	54.8%	
Median follow-up, mo	37.5	

OS Data	Events, %	Median (95% CI), mo
Pembrolizumab + TC	15.3	27.9 (21.4-NR)
Placebo + TC	18.3	27.4 (19.5-NR)
OS Data maturity	27.2%	
Median follow-up, mo	8.4-8.8	

OS Data	Events, %	Median (95% CI), mo
Atezolizumab + TC	47.2	31.5 (25.0-38.9)
Placebo + TC	46.4	28.6 (22.4-37.2)
OS Data maturity	--	
Median follow-up, mo	--	

OS Data	Events, %	Median (95% CI), mo
Durvalumab + TC	30.2	NR (NR-NR)
Placebo + TC	33.3	25.9 (25.1-NR)
OS Data maturity	29.2%	
Median follow-up, mo	--	

There are no completed direct head-to-head trials in EC. There are inherent limitations in cross-study comparisons; caution should be exercised in comparing trials.

1. Mirza MR *et al.* N Engl J Med 2023; 388:2145-58. 2. Powell MA *et al.* Ann Oncol 2024; 35(8):728-38. 3. Eskander RN *et al.* N Engl J Med 2023; 388:2159-70. 4. Eskander RN *et al.* Presented at at SGO 2024 Annual Meeting. 5. Colombo N *et al.* Lancet Oncol 2024; S1470-2045(24)00334-6. [online ahead of print]. 6. Westin SN *et al.* J Clin Oncol 2024; 42(3):283-99. 7. Baurain J-F *et al.* Presented at at SGO 2024 Annual Meeting.

Possible Benefit from Adding PARPi to Anti-PD-(L)1 in pMMR EC

RUBY Part 2^{1,2,3}

PFS

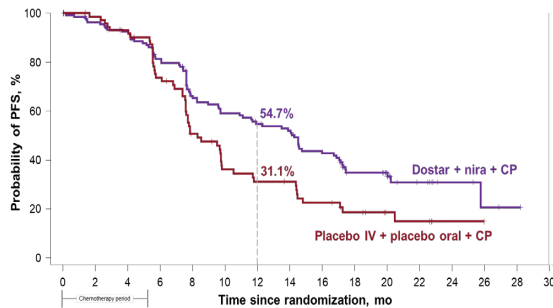
HR 0.63
(95% CI, 0.44-0.91);
P=0.0060
Dostar + nira + TC arm

HR 0.76
(95% CI, 0.59-0.98)
Part 1 Dostar + TC

OS

The trial is ongoing for OS follow-up

HR 0.79
(95% CI, 0.60-1.04);
nominal P=0.0493
Part 1 Dostar + TC



PFS data	Events, %	Median (95% CI), mo
Dostarlimab + Niraparib + TC	55.6	14.3 (9.7-16.9)
Placebo + TC	71.6	8.3 (7.6-9.8)
PFS data maturity	61.1%	
Median follow-up, mo	19.1	

DUO-E^{4,5}

PFS

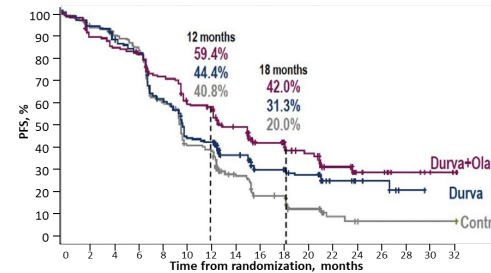
HR 0.57
(95% CI, 0.44-0.73);
Durva + Ola+ TC arm

HR 0.77
(95% CI, 0.60-0.97);
Durva + PT arm

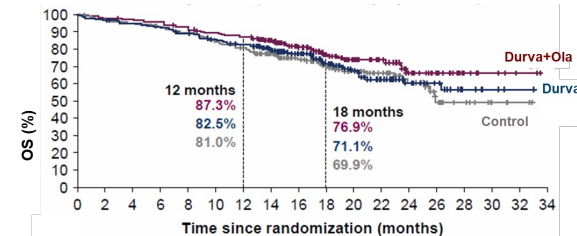
OS

HR 0.69
(95% CI, 0.47-1.00)
Durva + Ola + TC arm

HR 0.91
(95% CI, 0.64-1.30)
Durva + TC arm



PFS data	Events, %	Median (95% CI), mo
Durvalumab + Olaparib + TC	56.5	15.0 (12.4-18.0)
Durvalumab + TC	64.6	9.9 (9.4-12.5)
Placebo + TC	77.1	9.7 (9.2-10.1)
PFS data maturity	--	
Median follow-up, mo	17.1 (Durva+C/P); 17.5 (Durva+Ola+C/P)	



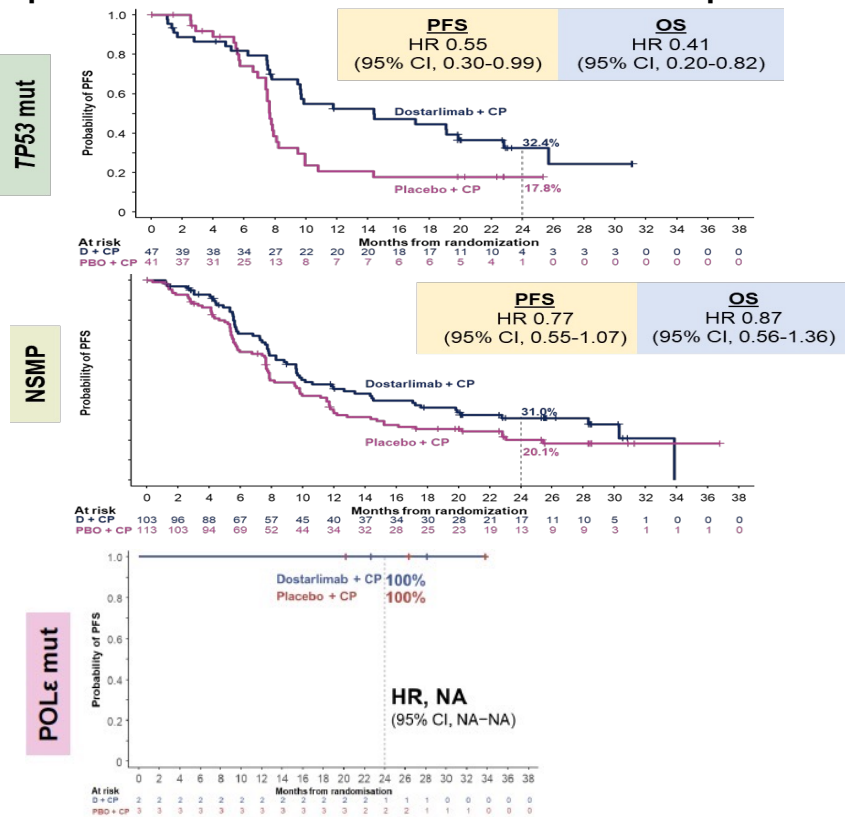
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- Baurain J-F *et al.* Presented at SGO 2024 Annual Meeting.

p53abn or NSMP: Potential Predictive Biomarkers of Benefit from Dostarlimab + Chemo ± PARPi?

RUBY Part 1¹

Molecular subgroup analysis based on 400/494 patients with known molecular classification per WES



RUBY Part 2²

Exploratory PFS Molecular Subgroup Analyses in Overall Population

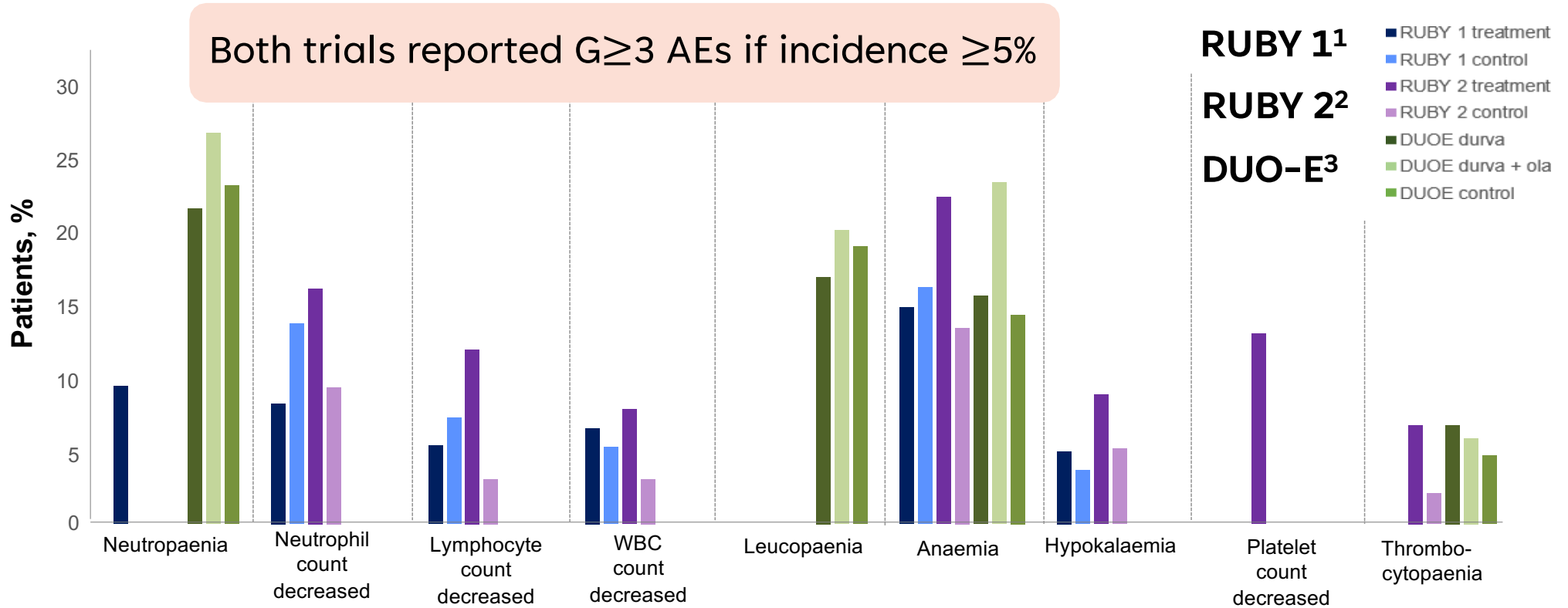
	Dostarlimab + niraparib + CP N=192	Placebo IV + placebo oral + CP N=99	HR (95% CI)	HR (95% CI)
	No. of patients with events/No. of patients			
All patients	95/192	69/99		0.59 (0.43-0.81)
Molecular subgroup^a				
POLE	0/3	1/2		NA
dMMR/MSI-H	12/37	10/17		0.45 (0.20-1.05)
TP53	27/39	10/10		0.29 (0.13-0.63)
NSMP	37/75	31/46		0.61 (0.38-0.99)
Not evaluable ^b	19/38	17/24		0.71 (0.37-1.37)

← Dostar + nira + CP better | Placebo + CP better →

0.0156 0.0313 0.0625 0.125 0.25 0.5 1 2 4 8 16

1. Mirza MR et al. Presented at ESMO Congress 2023.
2. Mirza MR et al. Presented at SGO 2024 Annual Meeting.

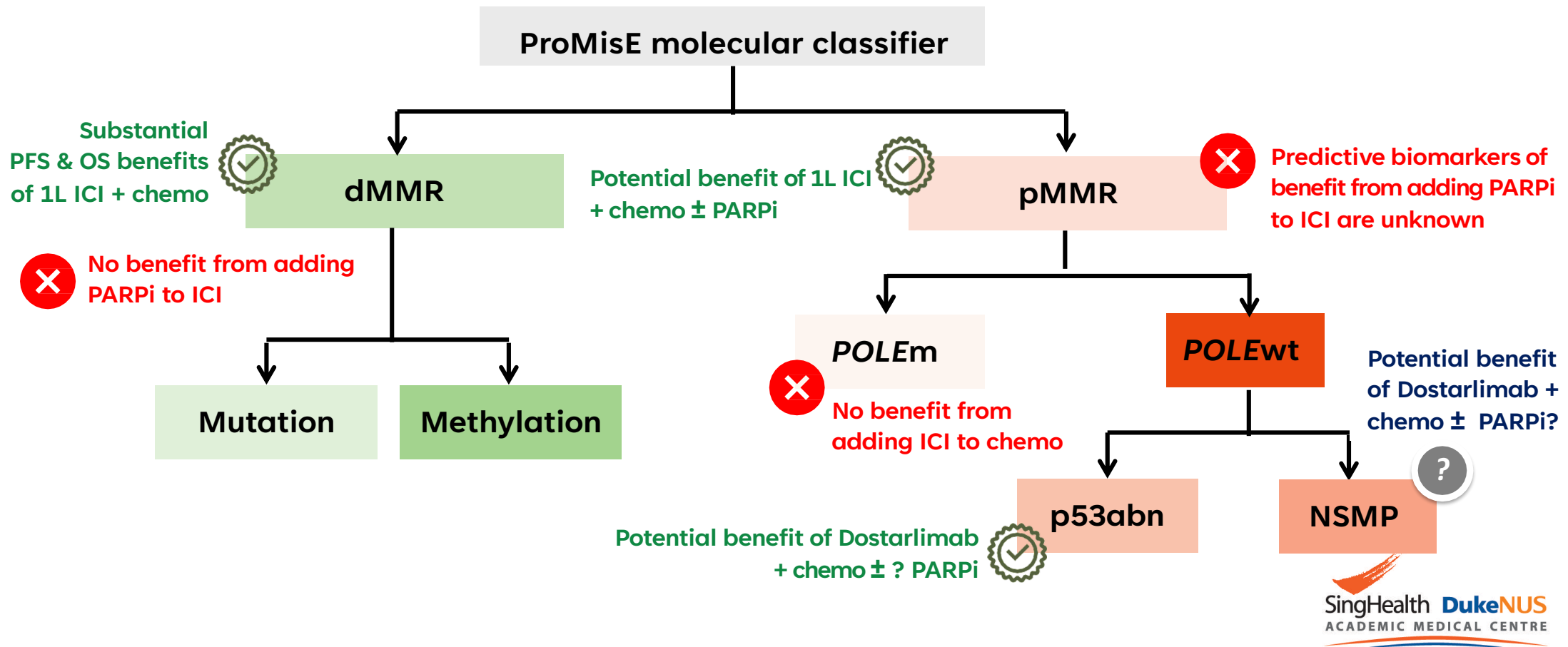
Safety: RUBY Part 1 & Part 2 and DUO-E






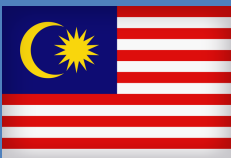
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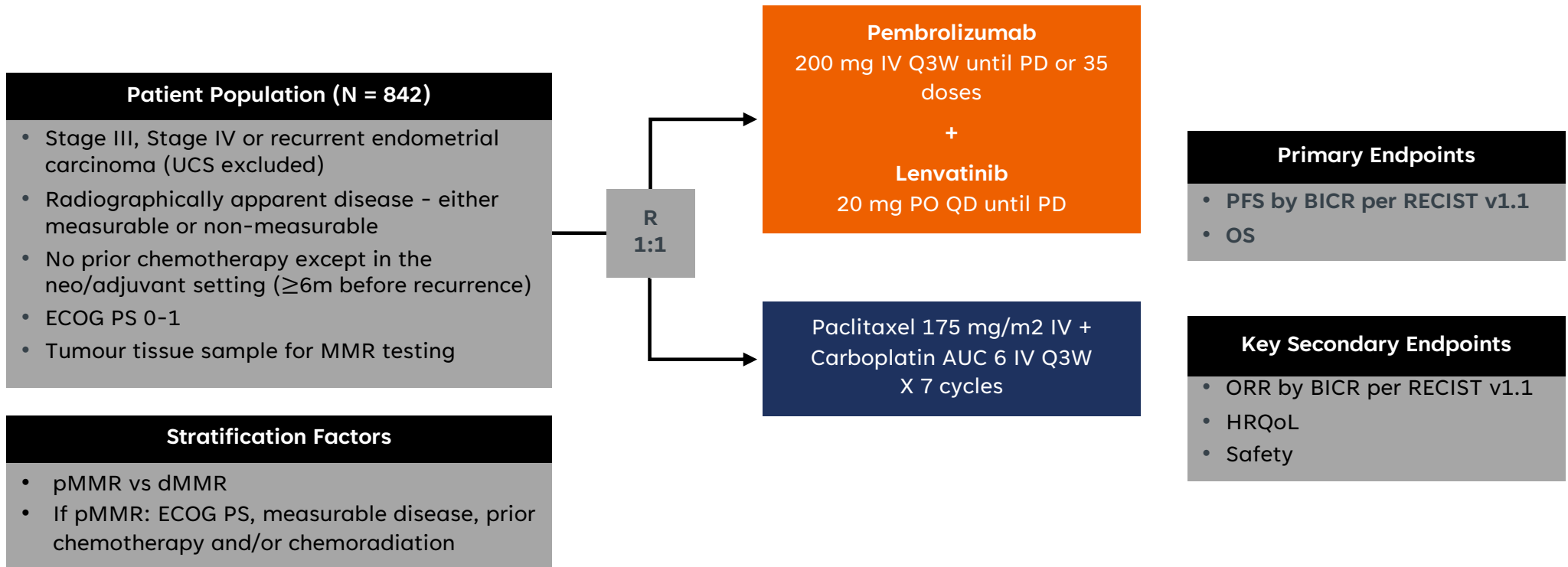
Key Takeaways from 1L ICI + Chemo ± PARPi Trials



Approval Status of 1L ICI ± PARPi for Advanced EC C.A.A. 7 Aug 2024

Drug(s)							
	dMMR/ MSI-H	pMMR/ MSS	dMMR/ MSI-H	pMMR/ MSS	dMMR/ MSI-H	pMMR/ MSS	
Dostarlimab	Full	Full	Yes	-	Yes	-	-
Pembrolizumab	Full	Full	-	-	-	-	-
Durvalumab	Yes	-	Positive EMA CHMP opinion	-	-	-	-
Atezolizumab	-	-	-	-	-	-	-
Durvalumab + Olaparib	-	-	-	Positive EMA CHMP opinion	-	-	-
Dostarlimab + Niraparib	-	-	-	-	-	-	-

LEAP-001: 1L Pembrolizumab + Lenvatinib vs TC in Advanced or Recurrent EC



Marth C *et al.* Presented at ESGO Annual Meeting 2024.

LEAP-001: 1L Lenvatinib + Pembrolizumab vs TC

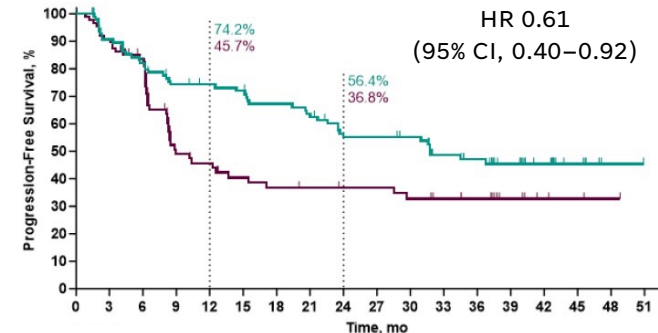
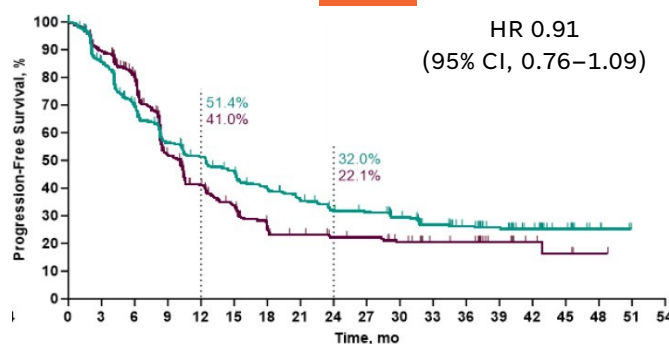
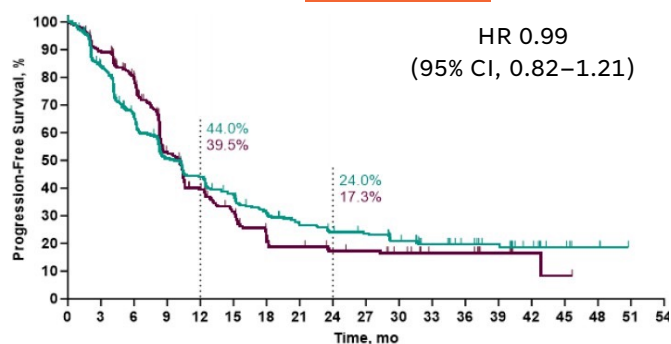
Co-primary endpoints of OS and PFS NOT met in pMMR and ITT populations

pMMR

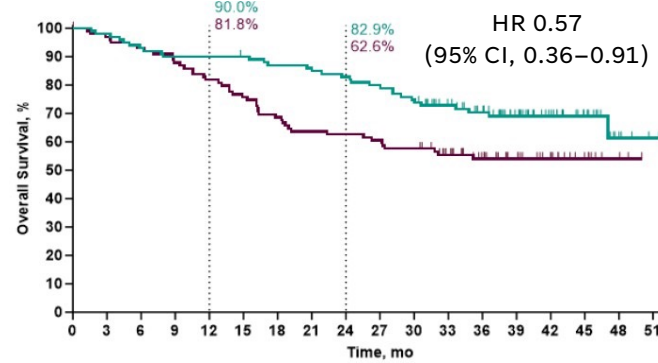
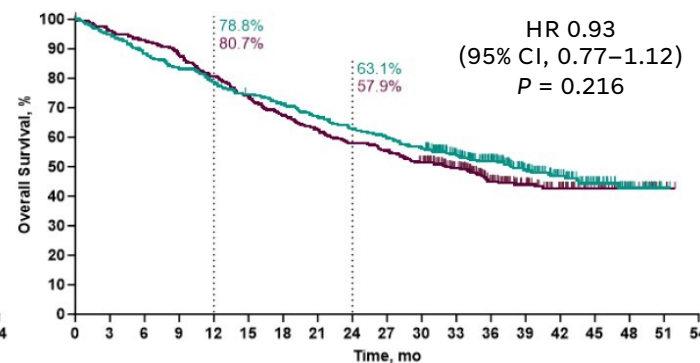
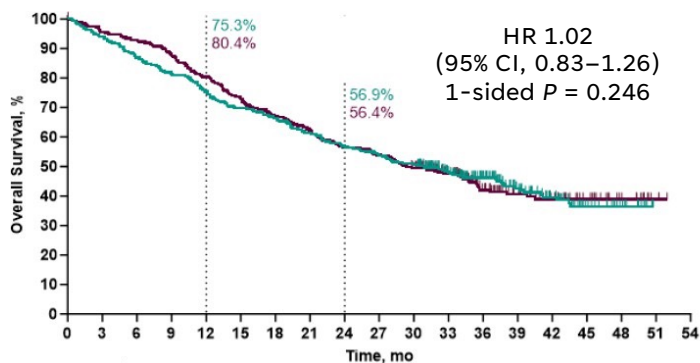
ITT

dMMR

PFS



OS

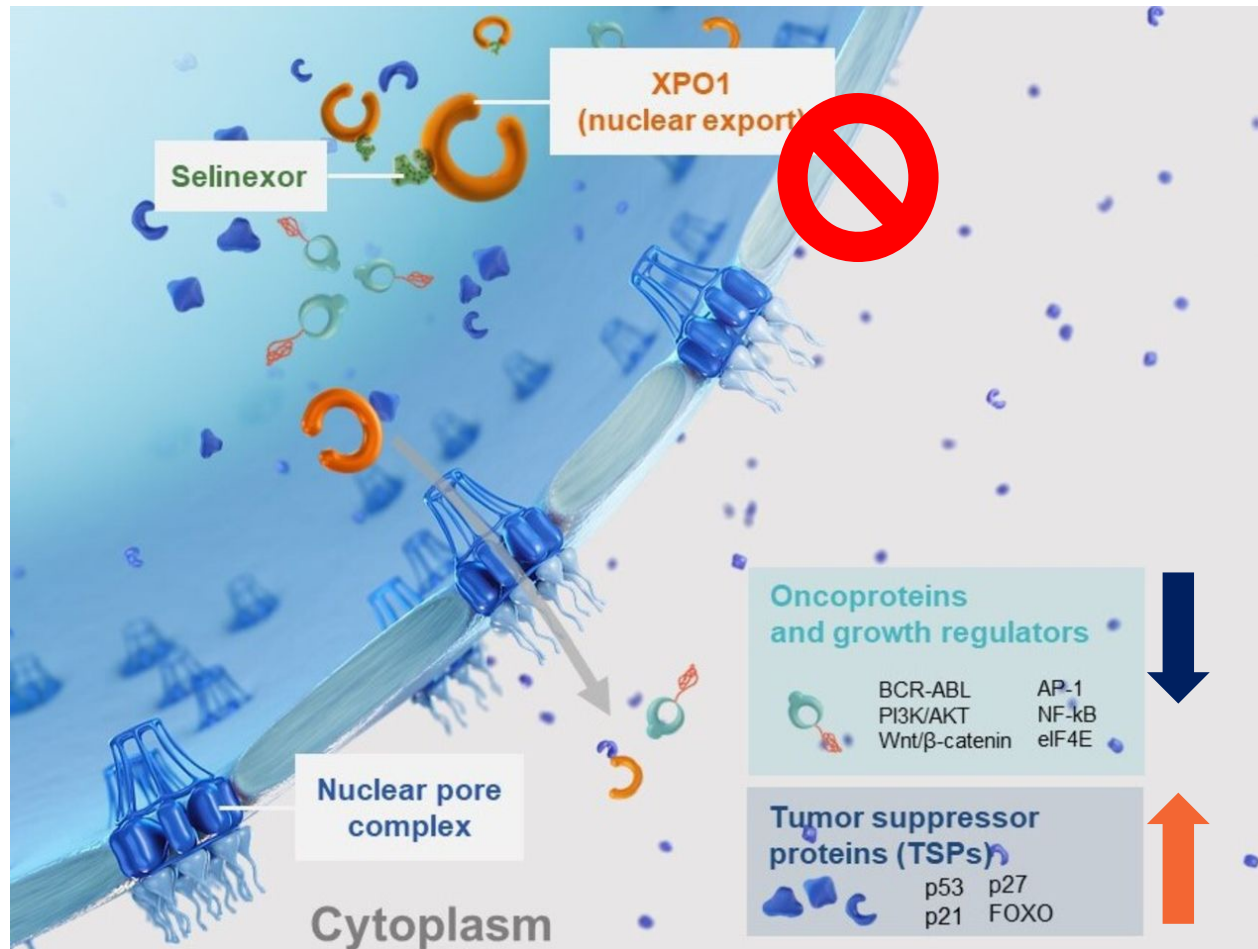


Marth C *et al.* Presented at ESGO Annual Meeting 2024.

Ongoing 1L Chemo-free ICI Trials in Primary Advanced or Recurrent EC

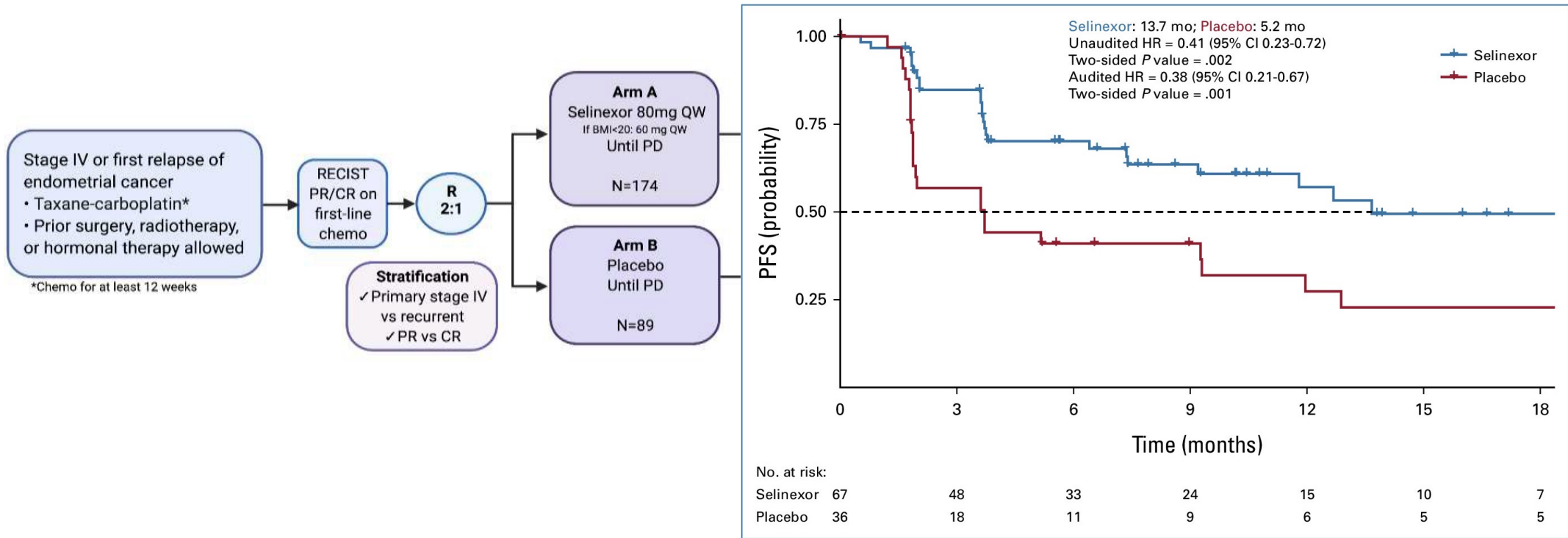
	DOMENICA/ENGOT-EN13	KEYNOTE-C93/ENGOT-EN15
Experimental arm	Dostarlimab	Pembrolizumab
ClinicalTrials.gov Identifier	NCT05201547	NCT05173987
Control arm	TC	TC
Patient population	dMMR	dMMR
Study status	Recruitment ongoing	Recruitment complete
Sponsor	GINECO	MITO
N	260	280
Primary endpoint(s)	PFS (BICR)	PFS (BICR), OS

Selinexor: Oral XPO-1 Inhibitor



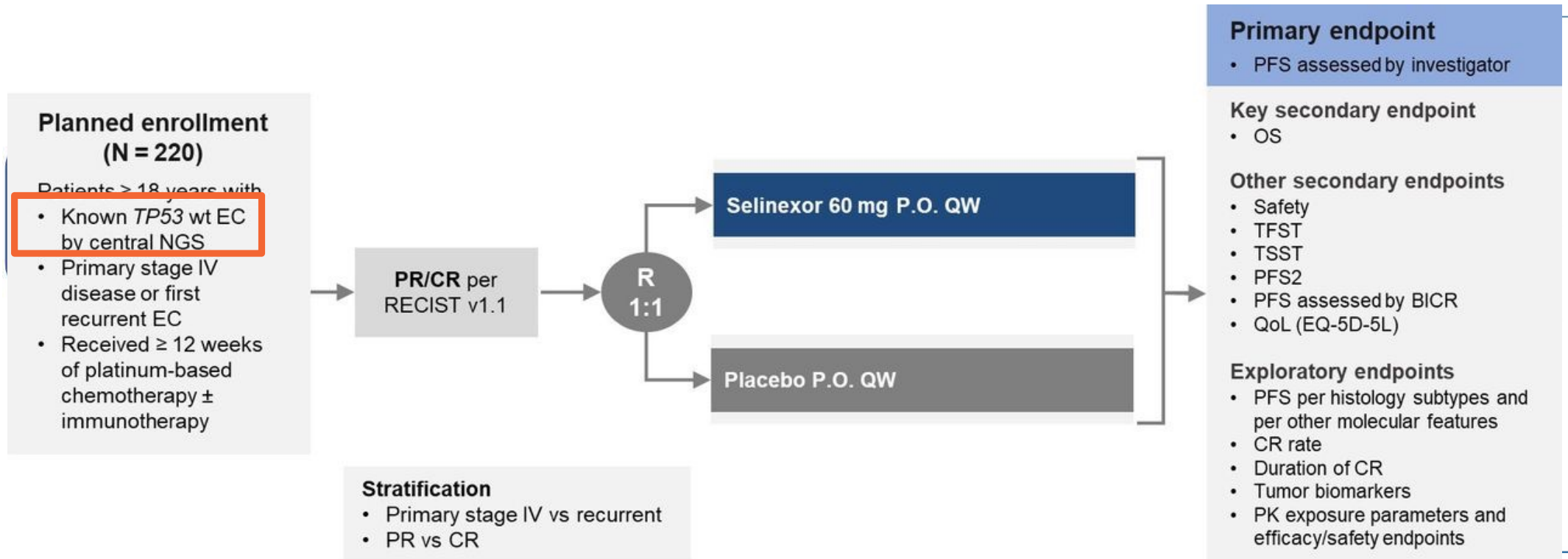
Vergote I *et al.* Int J Gynecol Cancer 2024; 34(8):1283-9.

ENGOT-EN5/GOG-3055/SIENDO: Selinexor Maintenance After 1L Chemotherapy



1. Vergote I *et al.* J Clin Oncol 2023; 41(35):5400-10.
2. Vergote I *et al.* Int J Gynecol Cancer 2024; 34(8):1283-9.

Ongoing ENGOT-EN20/GOG-3083/XPORT-EC-042: Selinexor Maintenance After 1L Chemotherapy



1. Vergote I *et al.* J Clin Oncol 2023; 41(35):5400-10.
2. Vergote I *et al.* Int J Gynecol Cancer 2024; 34(8):1283-9.

Later-line Systemic Therapies

S₁

What Used to be Done Circa 2010s

- No standard-of-care second-line chemotherapy (ORR 10-15%): doxorubicin and paclitaxel are considered most active²
- In patients with long PFI, re-introduction of platinum can be considered based on retrospective studies^{3,4}

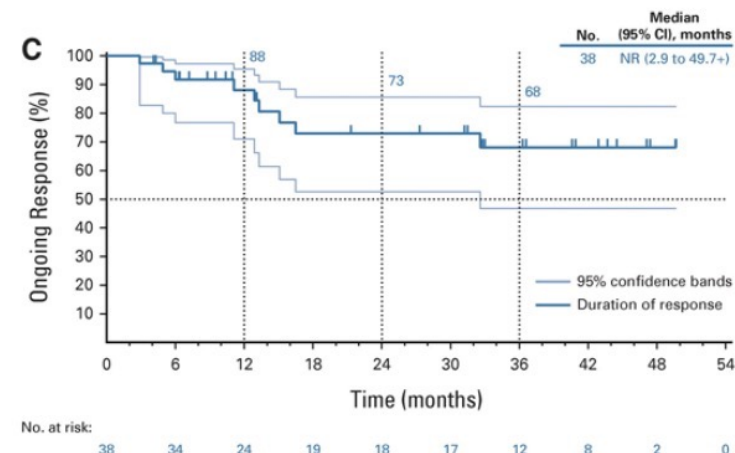
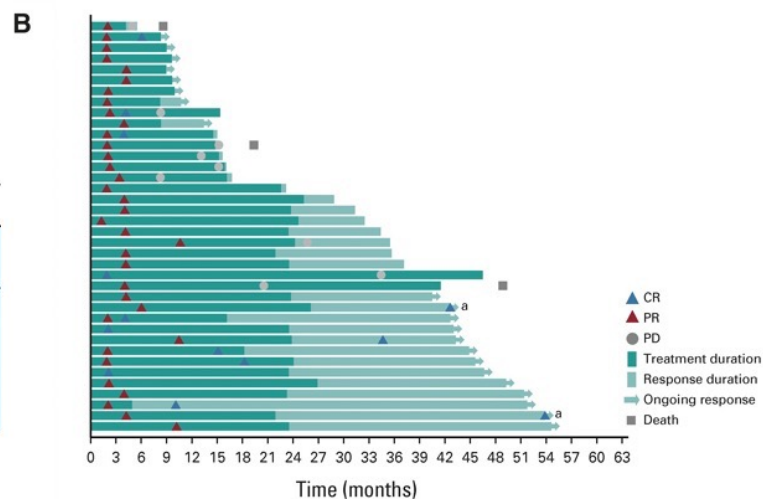
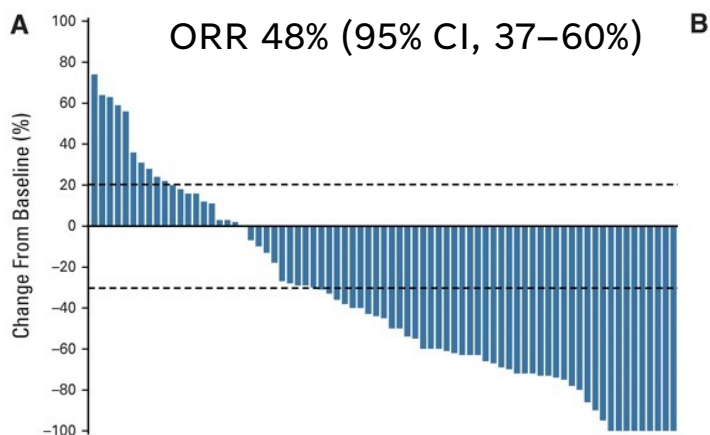
GOG Trial	Agent	6m PFS (%)	ORR (%)
129-B	Etoposide	8	0
129-C	Paclitaxel	21	25
129-E	Dactinomycin	4	11
129-H	Liposomal doxorubicin	23	9
129-J	Topotecan	25	7
129-K	Oxaliplatin	27	13
229-E	Bevacizumab	40	13.5

1. Colombo N *et al.* Ann Oncol 2016; 27(1):16-41.
2. Concin N *et al.* Int J Gynecol Cancer 2021; 31(1):12-39.
3. Nagao S *et al.* Gynecol Oncol 2013; 131(3):567-73.
4. Rubinstein M *et al.* Gynecol Oncol Rep 2019; 28:120-3.

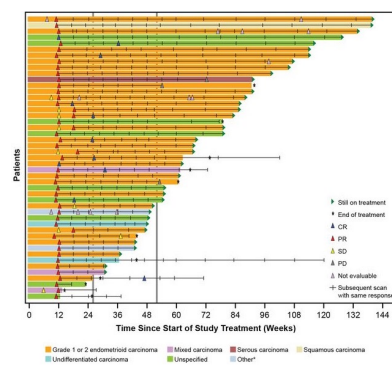
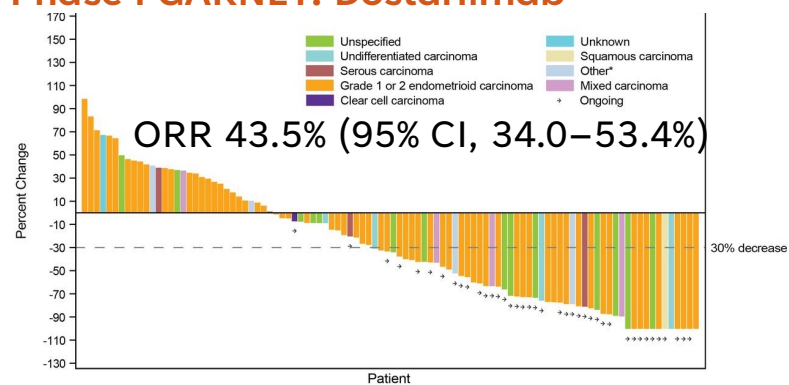
Adapted from: Slomovitz BM *et al.* J Clin Oncol 2015; 33(8):930-6.

Anti-PD-1 ICIs are Active Against Previously Treated Advanced or Recurrent MSI-H/dMMR EC

Phase II KEYNOTE 158: Pembrolizumab¹

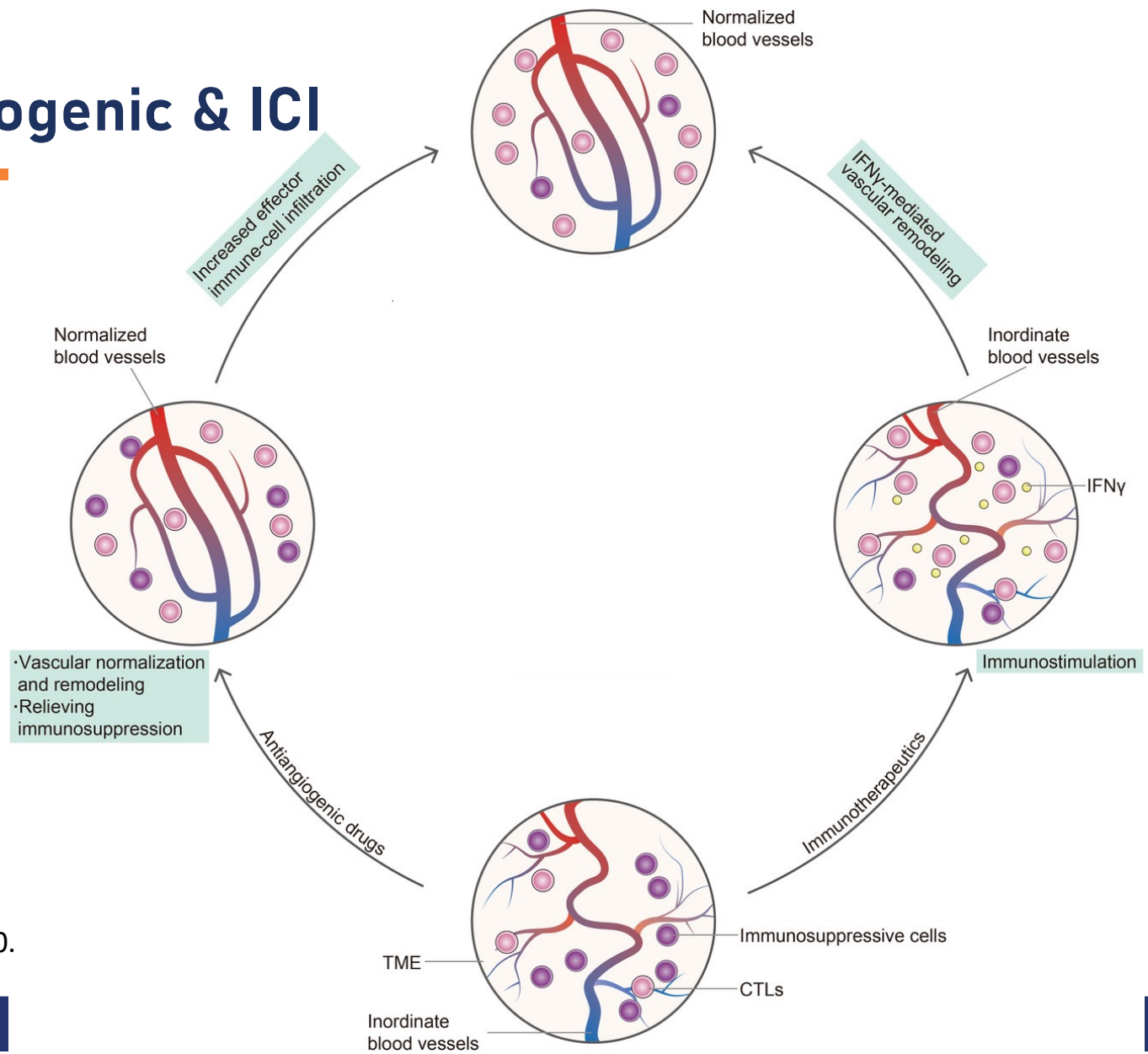


Phase I GARNET: Dostarlimab²



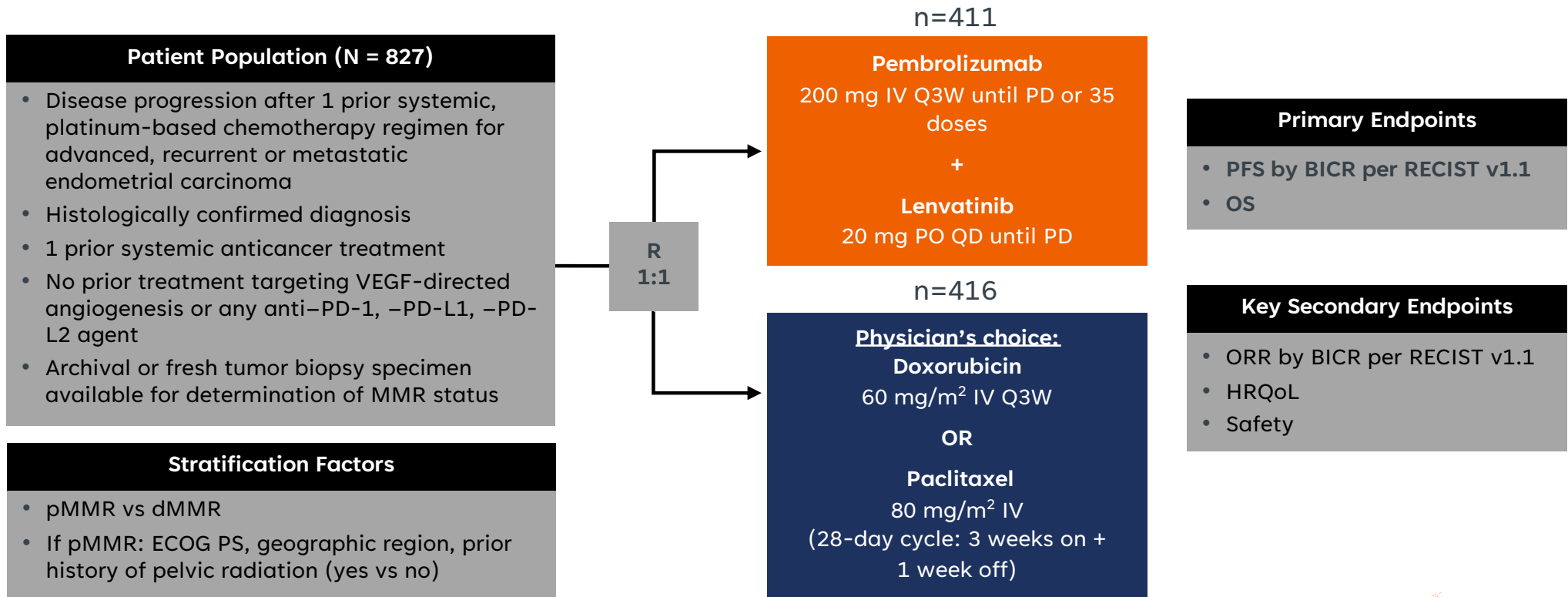
1. O'Malley DM *et al.* J Clin Oncol 2022; 40(7):752-61.
2. Oaknin A *et al.* J Immunother Cancer 2022; 10(1):e003777.

Combining Anti-angiogenic & ICI



Li S-J *et al.* Cancer Commun (Lond) 2021; 41(9):830-50.

Study 309/KEYNOTE-775: Pembrolizumab + Lenvatinib vs Chemo in Previously Platinum-treated Advanced EC

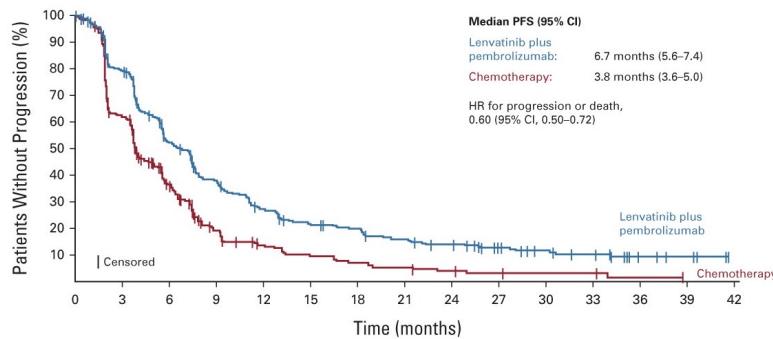


Makker V *et al.* N Engl J Med 2022; 386(5):437-48.

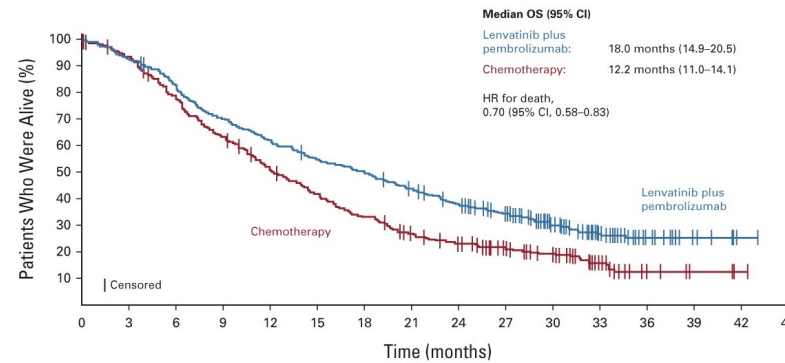
KEYNOTE-775: Pembrolizumab + Lenvatinib is Superior to Chemo in Previously Platinum-treated Advanced EC

pMMR

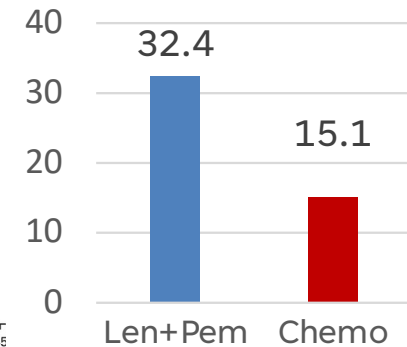
PFS



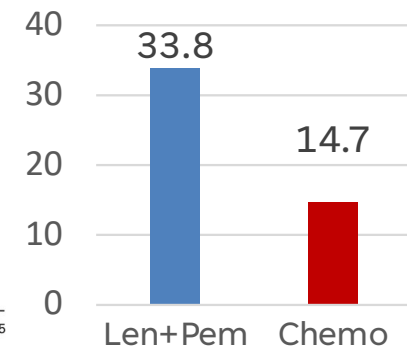
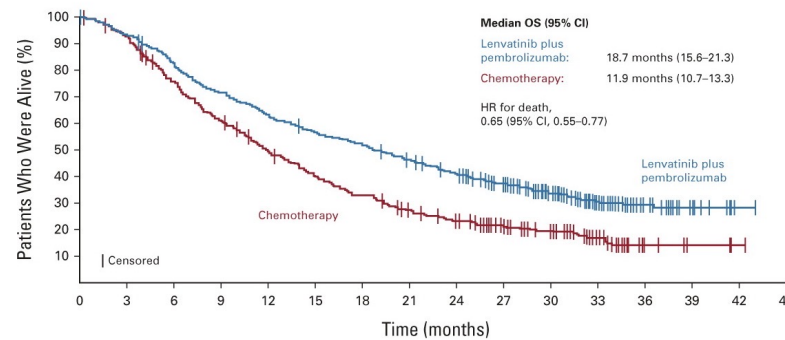
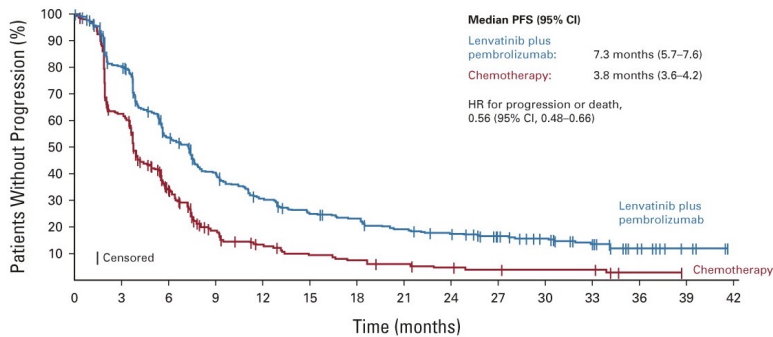
OS



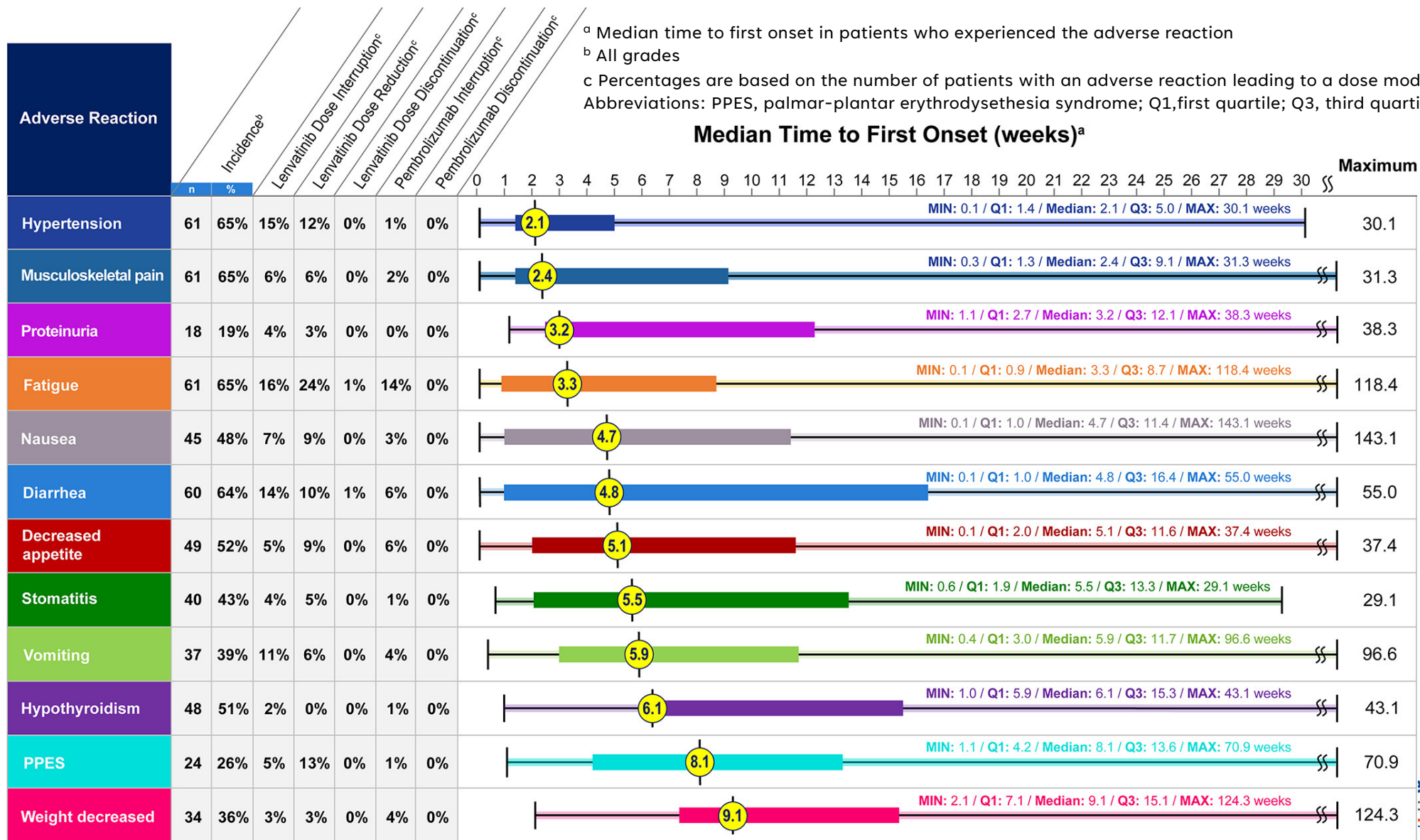
ORR (%)



ITT



Makker V *et al.* J Clin Oncol 2023; 41(16):2904-10.



Endocrine-based Therapies in Advanced EC: Guidelines

NCCN ver 2.2024

Hormonal Therapy for Recurrent or Metastatic Endometrial Carcinoma	
Preferred Regimens <ul style="list-style-type: none"> • Megestrol acetate/tamoxifen (alternating) • Everolimus/letrozole 	Other Recommended Regimens <ul style="list-style-type: none"> • Medroxyprogesterone acetate/tamoxifen (alternating) • Progestational agents <ul style="list-style-type: none"> ▶ Medroxyprogesterone acetate ▶ Megestrol acetate • Aromatase inhibitors • Tamoxifen • Fulvestrant
Useful in Certain Circumstances <ul style="list-style-type: none"> • ER-positive tumors <ul style="list-style-type: none"> ▶ Letrozole/ribociclib ▶ Letrozole/abemaciclib 	

Based on phase II data, ORRs:
 Megestrol acetate 15-20%,
 Letrozole <10%,
 AI + CDK4/6i ~30%,
 Letrozole/Everolimus 22%

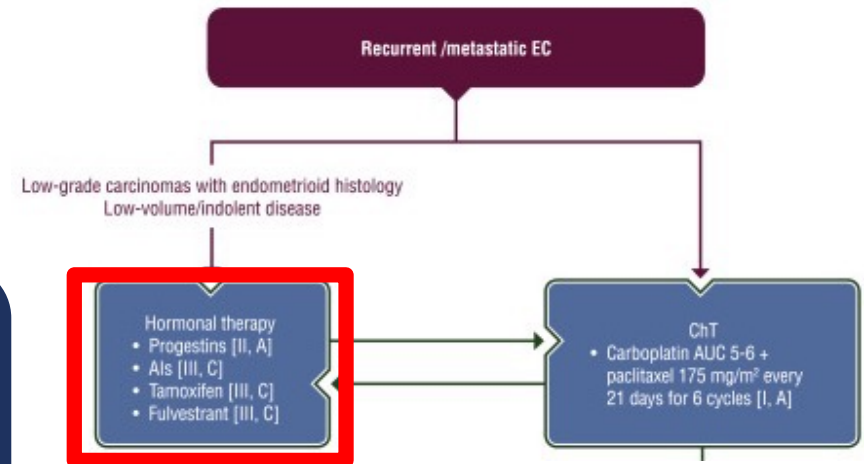
ESGO/ESTRO/ESP 2020

Hormone therapy is the preferred front-line systemic therapy for patients with low-grade carcinomas without rapidly progressive disease (II, A).

Progestogens (medroxyprogesterone acetate 200 (-300) mg and megestrol acetate 160 mg) are recommended (III, A). Alternative options for hormonal therapies include aromatases inhibitors, tamoxifen, fulvestrant (III, C).

Concin N *et al.* Int J Gynecol Cancer 2021; 31(1):12-39.

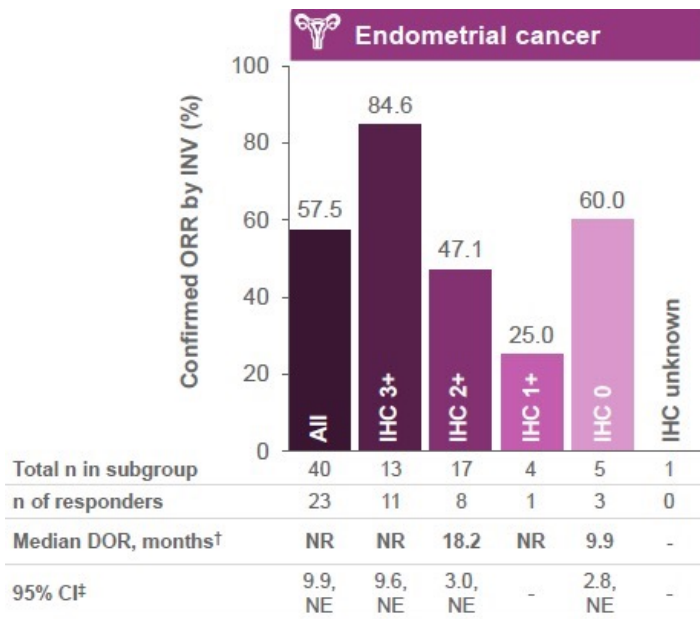
ESMO 2022



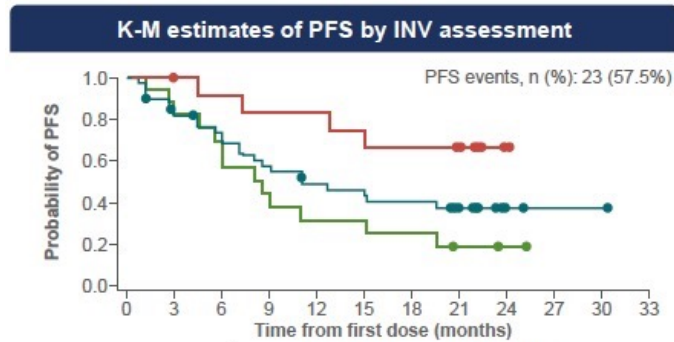
Oaknin A *et al.* Ann Oncol 2022; 33(9):860-77.

Trastuzumab Deruxtecan: Phase II Trials

DESTINY-PanTumor02 Part 1: HER2 3+/2+ EC (N = 40)



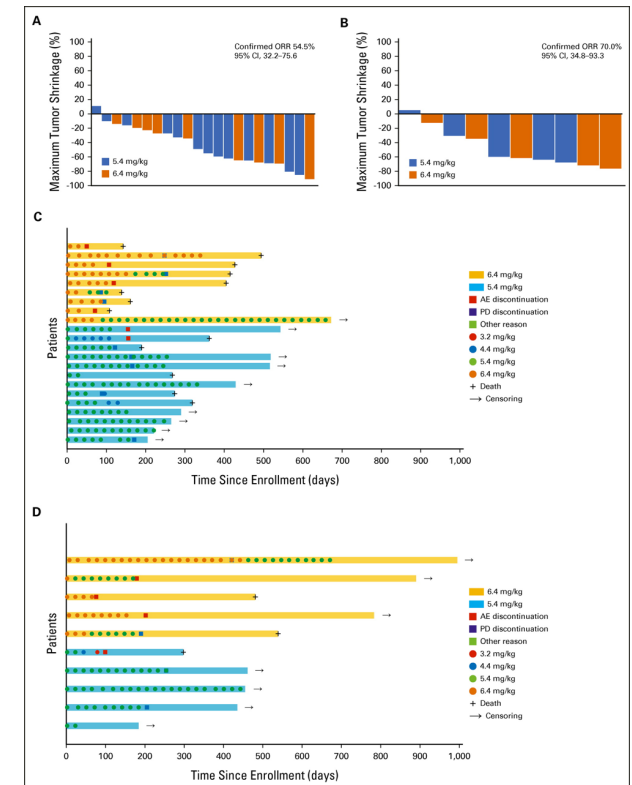
	All	IHC 3+	IHC 2+	IHC 1+	IHC 0	IHC unknown
Total n in subgroup	40	13	17	4	5	1
n of responders	23	11	8	1	3	0
Median DOR, months [†]	NR	NR	18.2	NR	9.9	-
95% CI [‡]	9.9, NE	9.6, NE	3.0, NE	-	2.8, NE	-



	n	Median PFS, months (95% CI)	
		INV	ICR
All	40	11.1 (7.1, NE)	14.1 (7.3, NE)
IHC 3+	13	NR (7.3, NE)	NR (7.3, NE)
IHC 2+	17	8.5 (4.6, 15.1)	11.0 (4.6, 20.3)
IHC 1+	4	1.2 (0.8, NE)	1.2 (0.8, NE)
IHC 0	5	9.1 (2.6, NE)	11.1 (2.6, NE)
IHC unknown	1	NR (-)	NR (-)

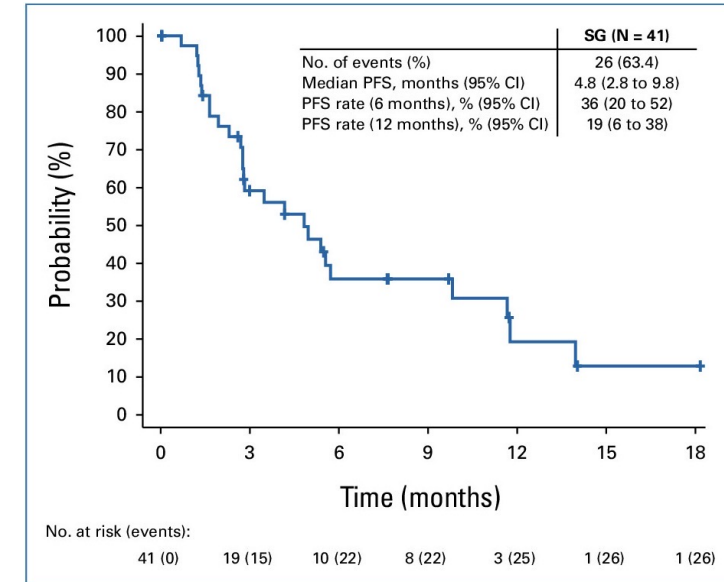
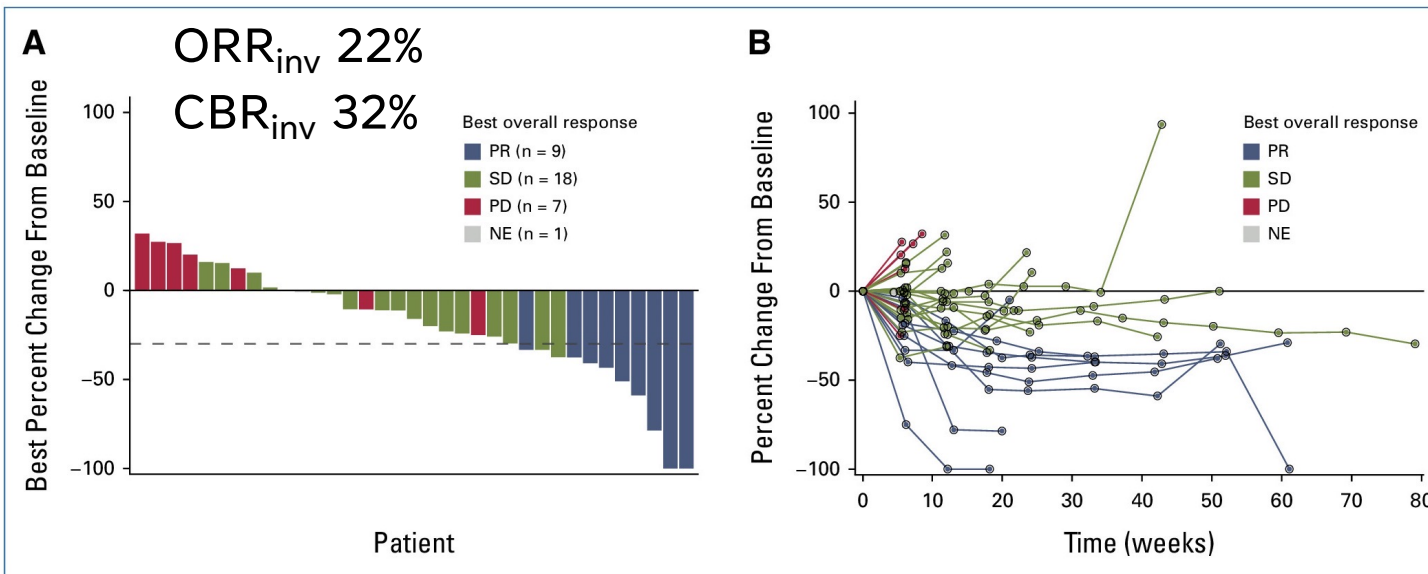
Meric-Bernstam F *et al.* J Clin Oncol 2024; 42(1):47-58.

STATICE: HER2 ≥1+ UCS



Nishikawa T *et al.* J Clin Oncol 2023;4 1(15):2789-99.

Sacituzumab Govitecan: EC Cohort of Phase II TROPiCS-3



Santin AD *et al.* J Clin Oncol 2024; JCO2302767. [online ahead of print.]

Conclusions

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Key Takeaways

- Paclitaxel/Carboplatin is the chemotherapy backbone in first-line management of advanced EC
 - Consider concurrent-maintenance Trastuzumab in HER2+ USC based on a randomised phase II trial
- Immune checkpoint inhibitors have expanding roles in the first line and beyond of advanced EC
 - 1L: in combination with Pac/Carbo
 - Should be given in dMMR subgroup; unlikely to benefit from additional PARPi.
 - Can be considered in pMMR subgroup. Role of PARPi is less clear (maybe p53abn?).
 - 2+L: as monotherapy (dMMR), or combined with Lenvatinib

Unanswered Questions & Unmet Needs in Advanced EC

- Which (molecular) subgroups benefit the most from ICI + PARPi maintenance after response to first-line chemo + ICI?
- How efficacious is 2+L Pem/Len after 1L chemo + ICI \pm PARPi?
- What is the optimal 3+L therapy after failure of earlier ICI-based regimen(s)?
 - ADCs are actively investigated e.g. MK-2870-005/ENGOT-en23/GOG-3095 (NCT06132958), ASCENT-GYN-01 (NCT06486441)

Thank you for your attention
Terima kasih banyak-banyak

