

Emerging Opportunities in Newly Diagnosed Advanced Ovarian Cancer

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GOG Highlight Reel

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Financial Disclosures

I have the following financial relationships to report over the past 24 months:

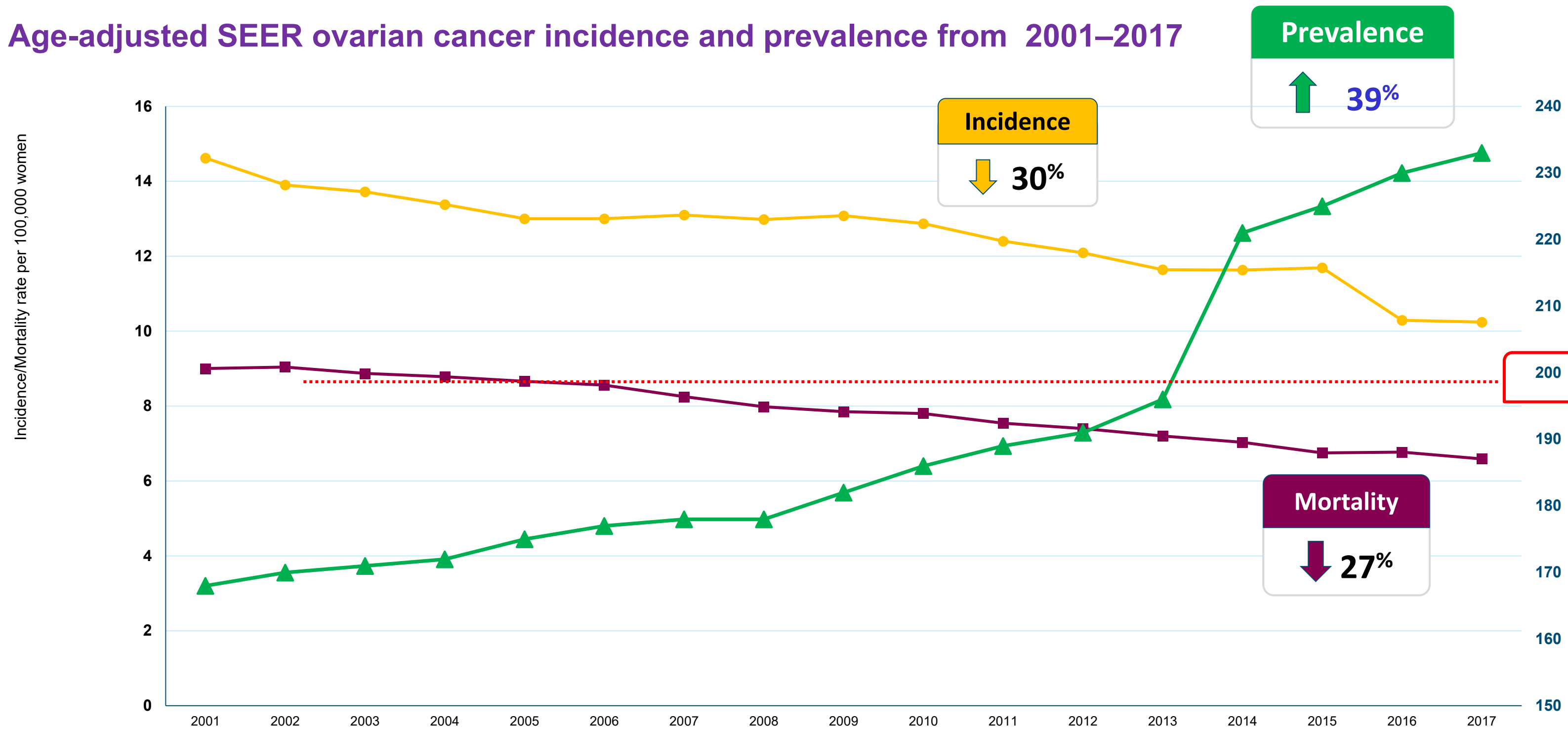
- *Duke receives Clinical trial grant funding from AbbVie, Aravive, AstraZeneca, Clovis, Eisai, Ellipses Pharma, GSK, I-MAB Biopharma, Immunogen, Merck, Oncoquest, Roche/Genentech, Seagen, Inc, Theradex, VBL, and the National Cancer Trial Network.*
- *Participation on Steering Committees (uncompensated): Aravive (AxXelerate); Roche/Genentech (AtTEND trial); VBL (OVAL trial); and Oncoquest (GOG-3035/FLORA-5).*
- *SGO Board of Directors, GOG Foundation Board of Directors, AAOGF Board of Trustees*

Objectives

- *Review updated survival data from front-line ovarian cancer PARPi maintenance therapy trials*
 - *SOLO-1/GOG 3004, PAOLA-1, and PRIMA/GOG 3012*
- *Review HIPEC trials*
- *Discuss context of these findings and identify gaps in care.*
- *Highlight ongoing GOG-F front-line trials*
 - *FLORA-5/GOG 3035*
 - *HOTT*

Ovarian Cancer: Clinical Impact

Age-adjusted SEER ovarian cancer incidence and prevalence from 2001–2017



SEER=Surveillance, Epidemiology and End Results.
 National Cancer Institute Surveillance, Epidemiology and End Results Program (SEER). SEER Cancer Statistics Review (CSR) 1975-2016 - Ovary.
 2016; https://seer.cancer.gov/csr/1975_2016/sections.html. Accessed Apr 14, 2020.

SOLO1/GOG 3004: Updated overall survival at 7-year follow up for newly diagnosed advanced ovarian cancer patients with a *BRCA* mutation

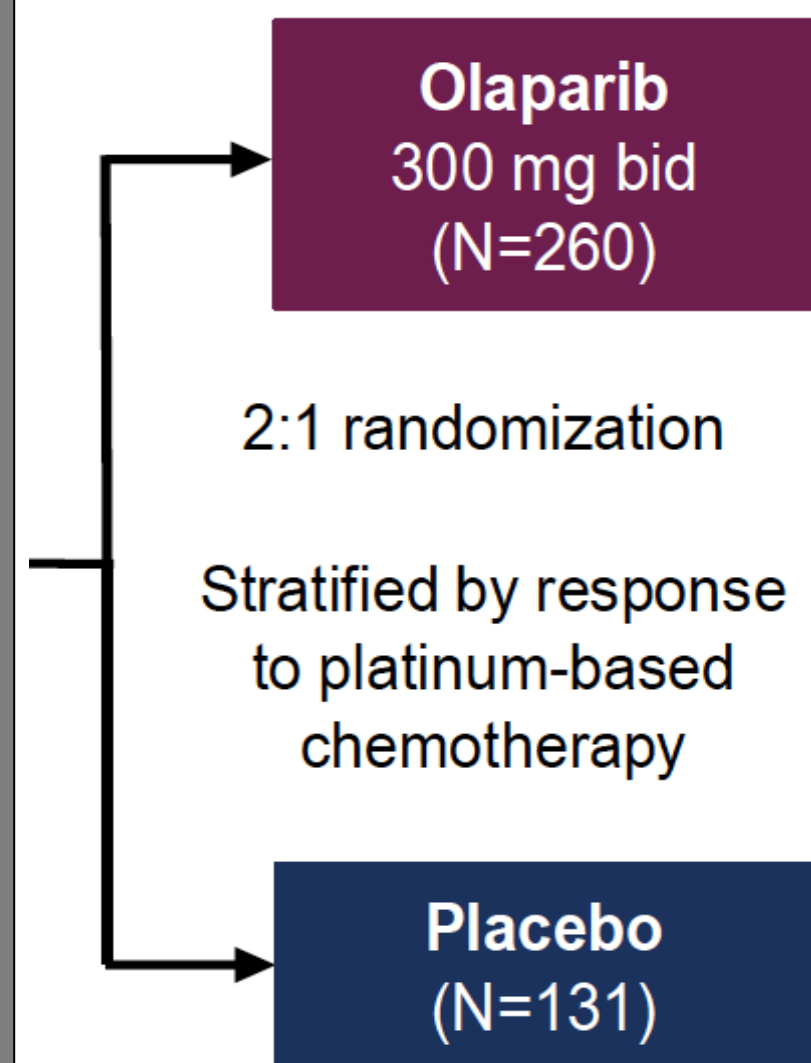
-Newly diagnosed stage III-IV, high-grade serous or endometrioid ovarian, tubal, or peritoneal cancer

-*BRCA* mutation

-ECOG PS 0-1

-Cytoreductive surgery*

-In clinical CR[^] or PR after platinum-based therapy



For up to 2 years until disease progression

Primary endpoint:
PFS – IA

Secondary endpoints:
OS
TFST
TSST
Safety

Primary PFS analysis¹ (DCO 17 May 2018)

	Olaparib (N=260)	Placebo (N=131)
Events, n (%)	102 (39.2)	96 (73.3)
Median PFS, months	NR	13.8
3-year PFS rate, %	60.4	26.9
HR 0.30 (95% CI 0.23–0.41)		
P<0.001		

Updated PFS analysis² (DCO 5 March 2020)

	Olaparib (N=260)	Placebo (N=131)
Events, n (%)	118 (45.4)	100 (76.3)
Median PFS, months	56.0	13.8
5-year PFS rate, %	48.3	20.5
HR 0.33 (95% CI 0.25–0.43)		

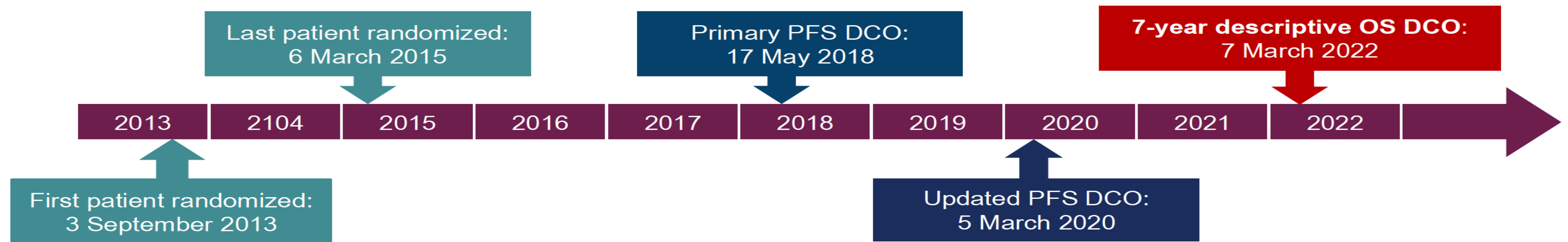
*Upfront or interval attempt at optimal cytoreductive surgery for stage III disease and either biopsy and/or upfront or interval cytoreductive surgery for stage IV disease

[^]Including patients with no evidence of disease

SOLO1/GOG 3004: Updated Overall Survival Analysis

Statistical Analysis

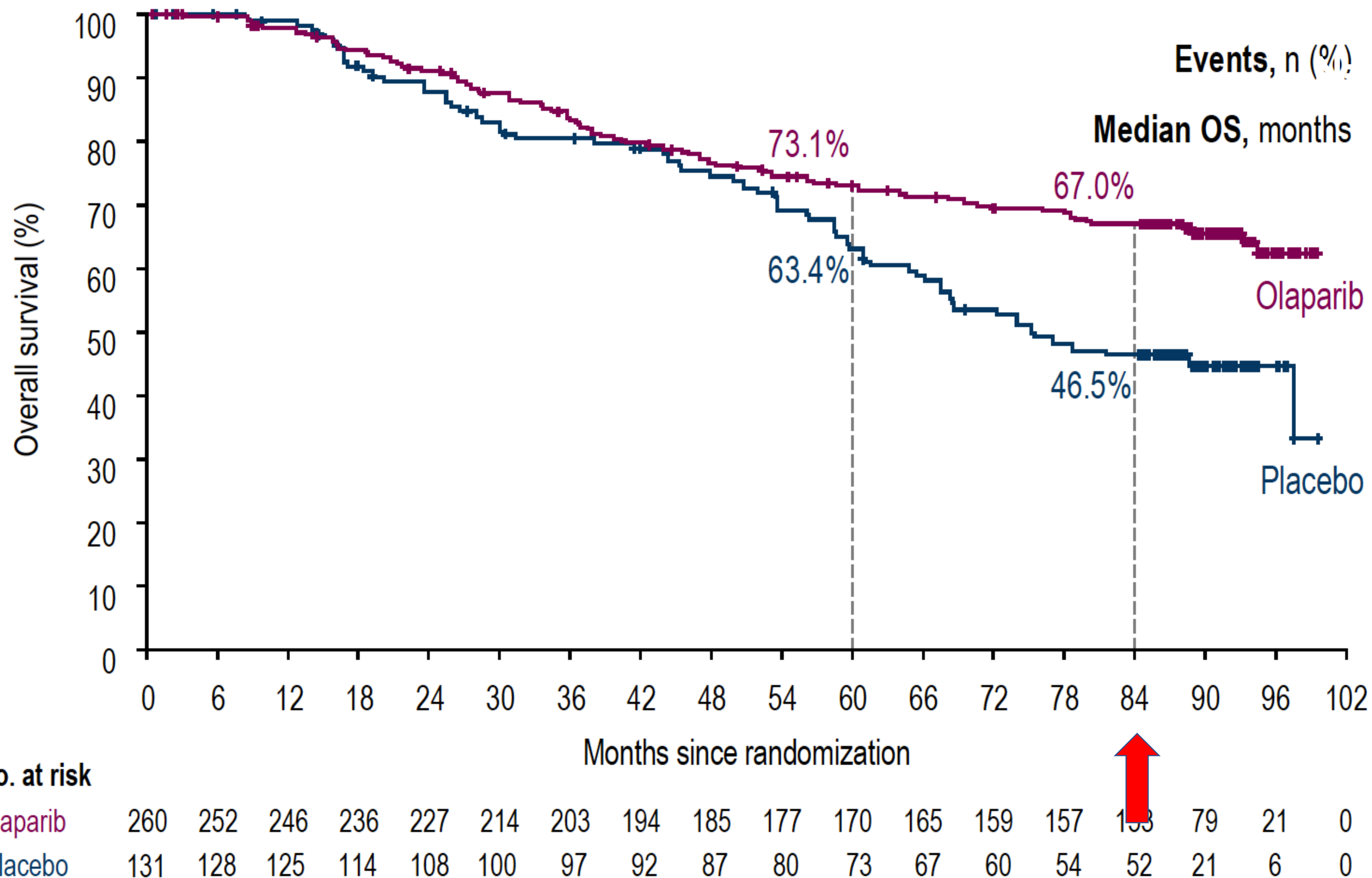
- Prespecified descriptive OS analysis conducted at 7 years after last patient randomized
 - OS unadjusted for subsequent PARPi therapy
- Two-sided P value of <0.0001 required to declare statistical significance
- Prespecified final OS analysis currently planned to be conducted at approximately 60% data maturity



SOLO1/GOG 3004: Updated Overall Survival Analysis Patients Disposition

	Olaparib	Placebo
Completed treatment at 2 years per protocol, n (%)	123 (47.3)	35 (26.9)
Continued treatment beyond 2 years,* n (%)	26 (10.0)	3 (2.3)
Still receiving treatment at DCO, n (%)	7 (2.7)	0
Discontinued treatment for reasons other than completing the prescribed regimen, n (%)	130 (50.0)	95 (73.1)
Objective disease progression	53 (20.4)	78 (60.0)
Adverse event	31 (11.9)	3 (2.3)
Patient decision	23 (8.8)	2 (1.5)
Other [†] /unknown reason	23 (8.8)	12 (9.2)
Median (range) duration of treatment, months	24.6 (0.0–97.5)	13.9 (0.2–60.9)
Median (IQR) duration of follow-up for OS, months	88.9 (85.7–93.6)	87.4 (84.3–91.7)

SOLO1/GOG 3004: Updated Overall Survival Analysis Overall Survival

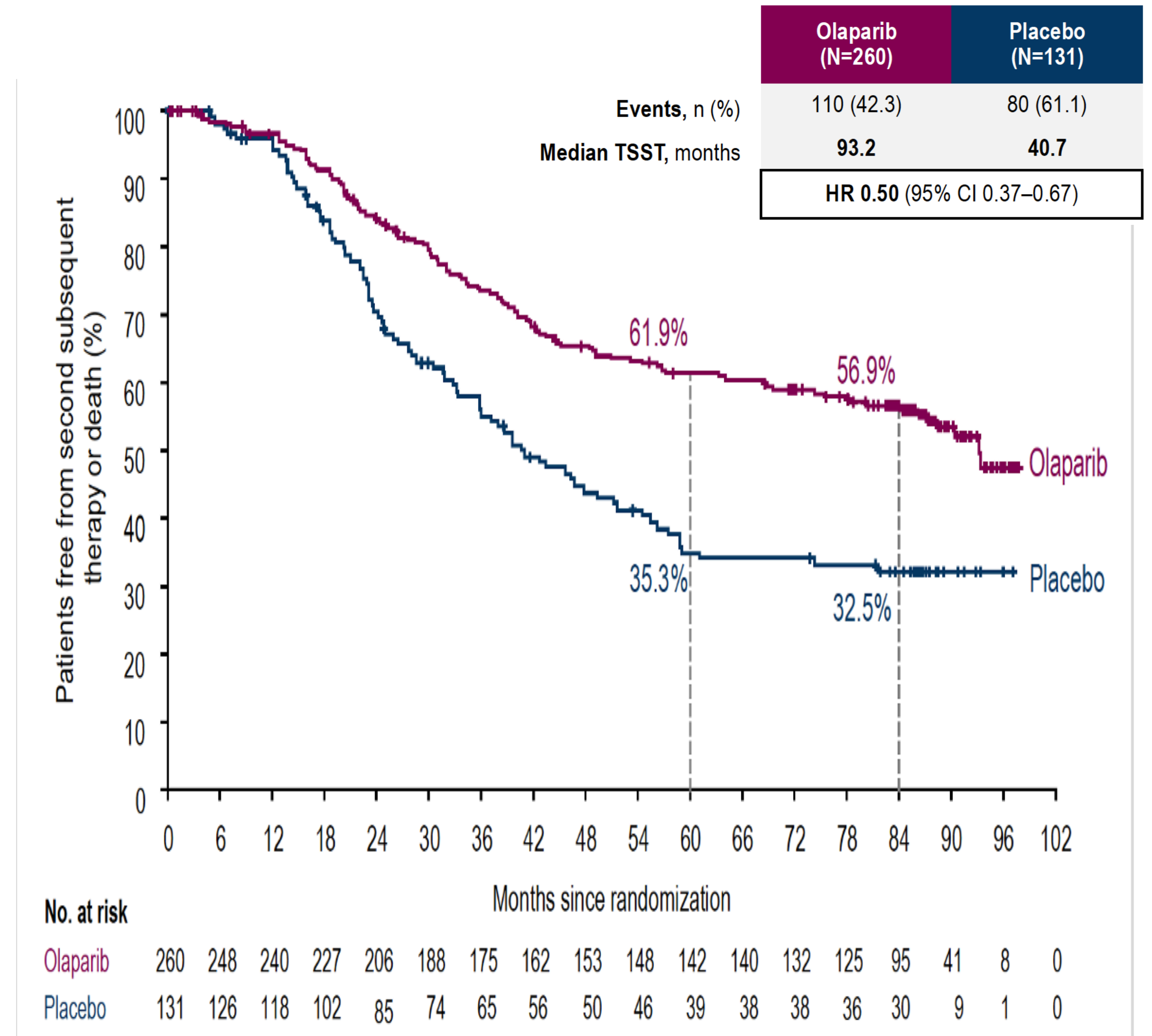
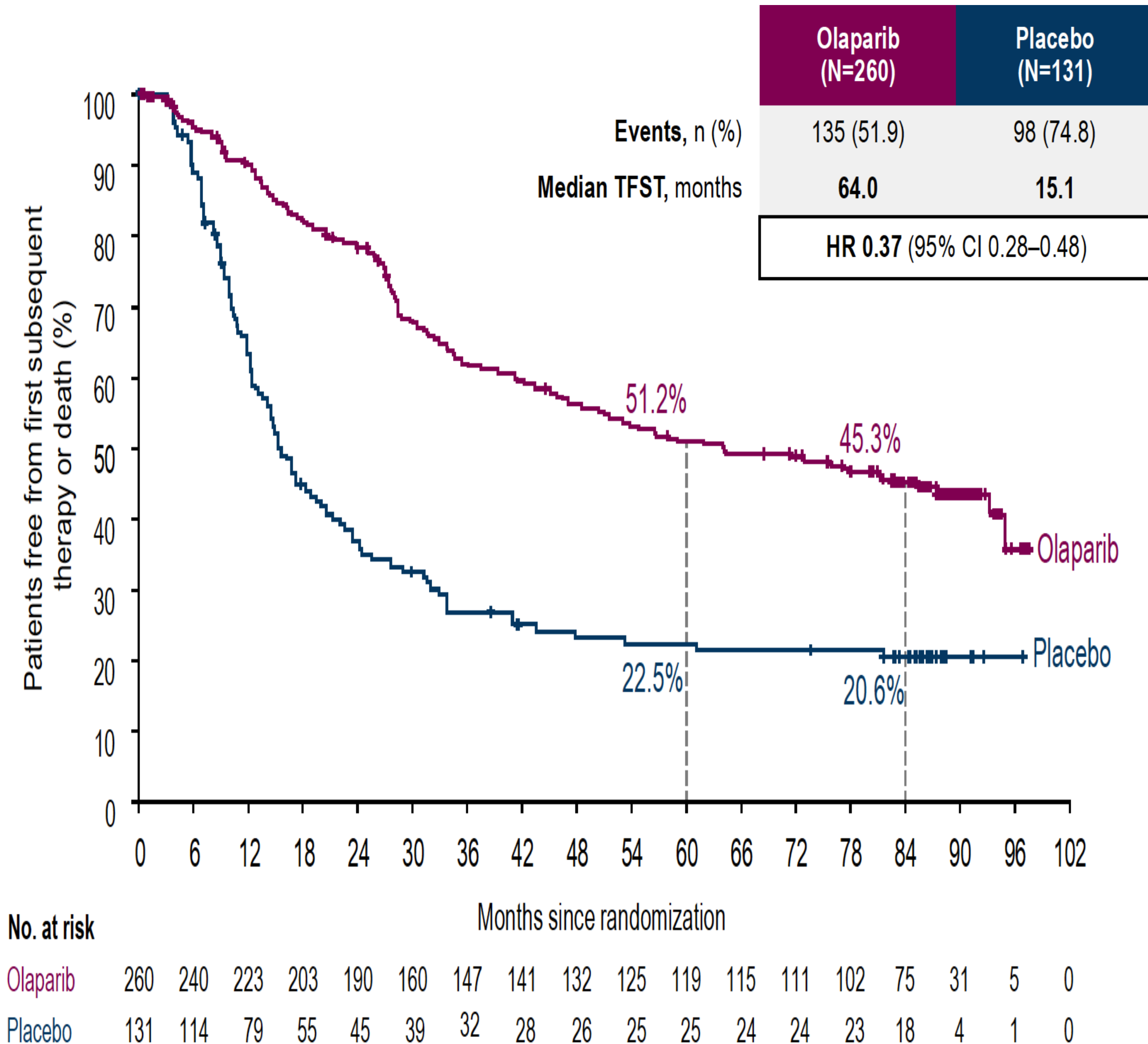


Olaparib (N=260)	Placebo (N=131)
84 (32.3)	65 (49.6)
NR	75.2
HR 0.55 (95% CI 0.40–0.76); P=0.0004*	

P < 0.0001 required to declare statistical significance

44.3% patients in placebo arm received subsequent PARPi, compared to 14.6% of patients in the olaparib group

SOLO1/GOG 3004: Updated Overall Survival Analysis TFST and TSST



SOLO1/GOG 3004: Updated Overall Survival Analysis Safety

	Primary PFS analysis (DCO 17 May 2018)		7-year descriptive OS analysis (DCO 7 March 2022)	
	Olaparib (N=260)	Placebo (N=130)	Olaparib (N=260)	Placebo (N=130)
Median (range) duration of treatment, months	24.6 (0.0–52.0)	13.9 (0.2–45.5)	24.6 (0.0–97.5)	13.9 (0.2–60.9)
Any TEAE, n (%)	256 (98.5)	120 (92.3)	256 (98.5)	120 (92.3)
Grade ≥3 TEAEs, n (%)	102 (39.2)	24 (18.5)	103 (39.6)	26 (20.0)
Serious TEAEs, n (%)	54 (20.8)	16 (12.3)	55 (21.2)	18 (13.8)
TEAE leading to dose interruption, n (%)	135 (51.9)	22 (16.9)	137 (52.7)	22 (16.9)
TEAE leading to dose reduction, n (%)	74 (28.5)	4 (3.1)	75 (28.8)	4 (3.1)
TEAE leading to treatment discontinuation, n (%)	30 (11.5)	3 (2.3)	31 (11.9)	4 (3.1)
AEs of special interest, n (%)				
MDS/AML*	3 (1.2)	0	4 (1.5)	1 (0.8)
New primary malignancies*	5 (1.9)	3 (2.3)	14 (5.4) [†]	8 (6.2) [‡]
Pneumonitis/ILD	5 (1.9)	0	5 (1.9)	0

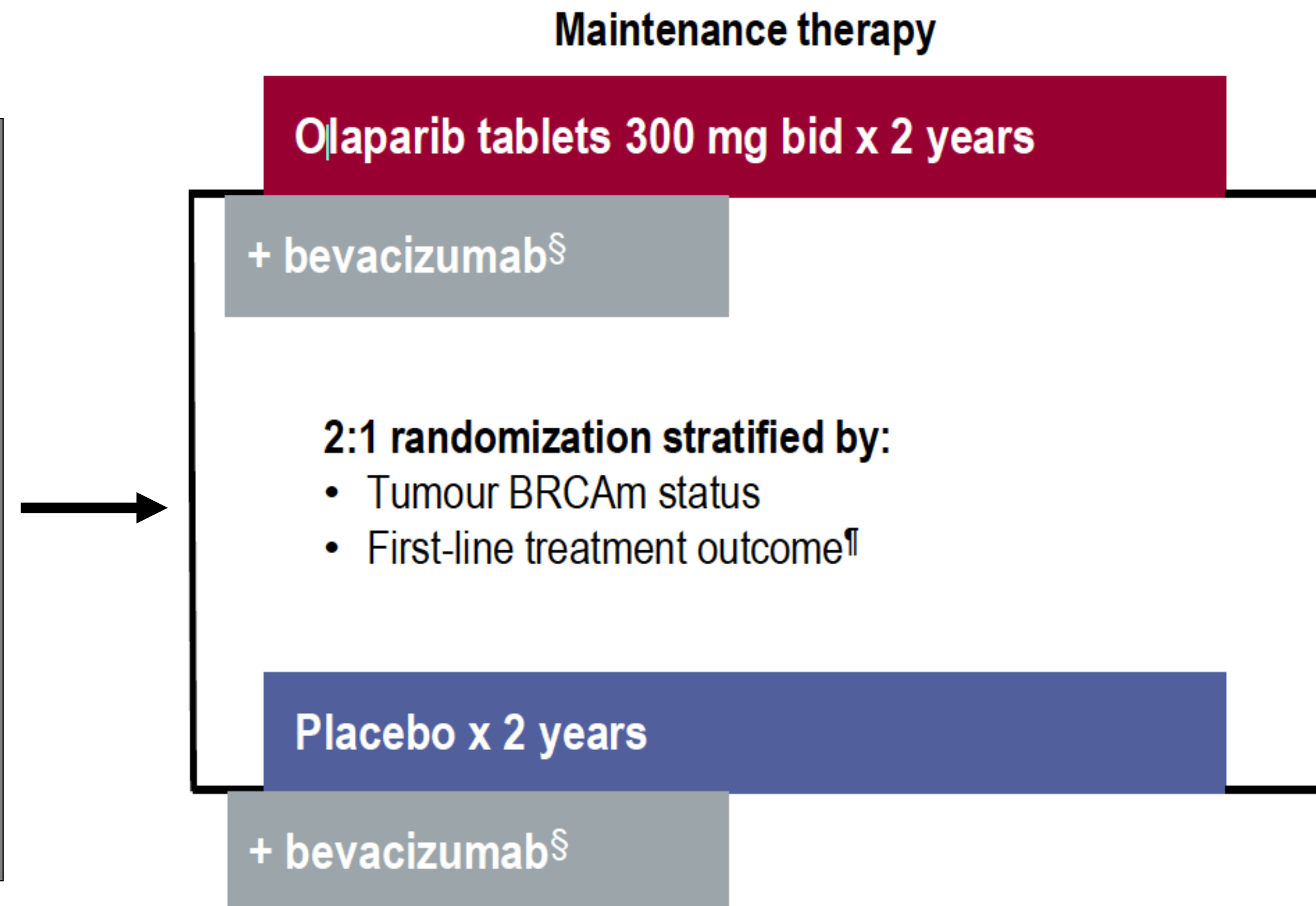
PAOLA-1/ENGOT-ov25: Final overall survival results for newly diagnosed advanced ovarian cancer patients

-Newly diagnosed stage III-IV, high-grade serous or endometrioid ovarian, tubal, or peritoneal cancer*

-Upfront or interval Cytoreductive surgery

-Platinum-taxane based therapy plus ≥ 2 cycles of bevacizumab

-NED/CR/PR



Primary endpoint:
PFS – IA

Secondary endpoints:
PFS2
OS

*OS planned for 3 years after the primary PFS analysis or 60% of data maturity

*Patients with other epithelial non-mucinous ovarian cancer eligible if BRCAm present.

OS will be tested at full 5% alpha at OS data cutoff
Predefined OS subgroup analysis by tumor BRCAm and HRD score

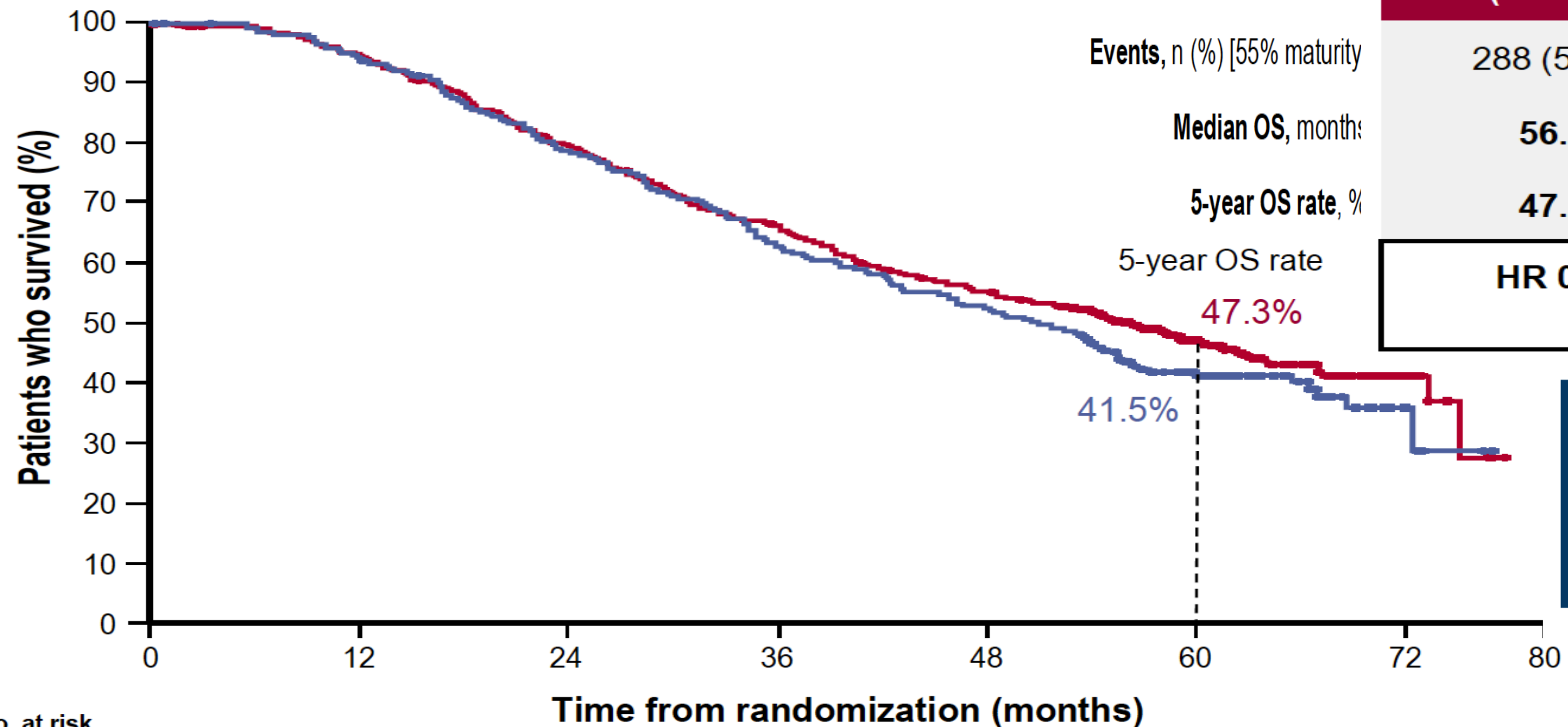
PAOLA-1/ENGOT-ov25: Final overall survival results for newly diagnosed advanced ovarian cancer patients

Patient Characteristics

		Olaparib + bevacizumab (N=537)	Placebo + bevacizumab (N=269)
Age, median, years (range)		61 (32–87)	60 (26–85)
FIGO stage, n (%)	III	378 (70)	186 (69)
	IV	159 (30)	83 (31)
HRD status,* n (%)	HRD positive	255 (47)	132 (49)
	tBRCAm	157 (29)	80 (30)
	HRD positive excluding tBRCAm	97 (18)	55 (20)
	HRD negative/HRD unknown	282 (53)	137 (51)
	HRD negative	192 (36)	85 (32)
History of cytoreductive surgery, n (%)	Upfront surgery	271 (50)	138 (51)
	• No residual macroscopic disease	160 (59)	85 (62)
	• Residual macroscopic disease	111 (41)	53 (38)
	Interval cytoreductive surgery	228 (42)	110 (41)
	• No residual macroscopic disease	163 (71)	75 (68)
	• Residual macroscopic disease	65 (29)	35 (32)
	No surgery	38 (7)	21 (8)
Response after surgery/PBC, n (%)	NED	290 (54)	141 (52)
	CR	106 (20)	53 (20)
	PR	141 (26)	75 (28)

PAOLA-1/ENGOT-ov25: Final overall survival results for newly diagnosed advanced ovarian cancer patients

Overall Survival ITT Population



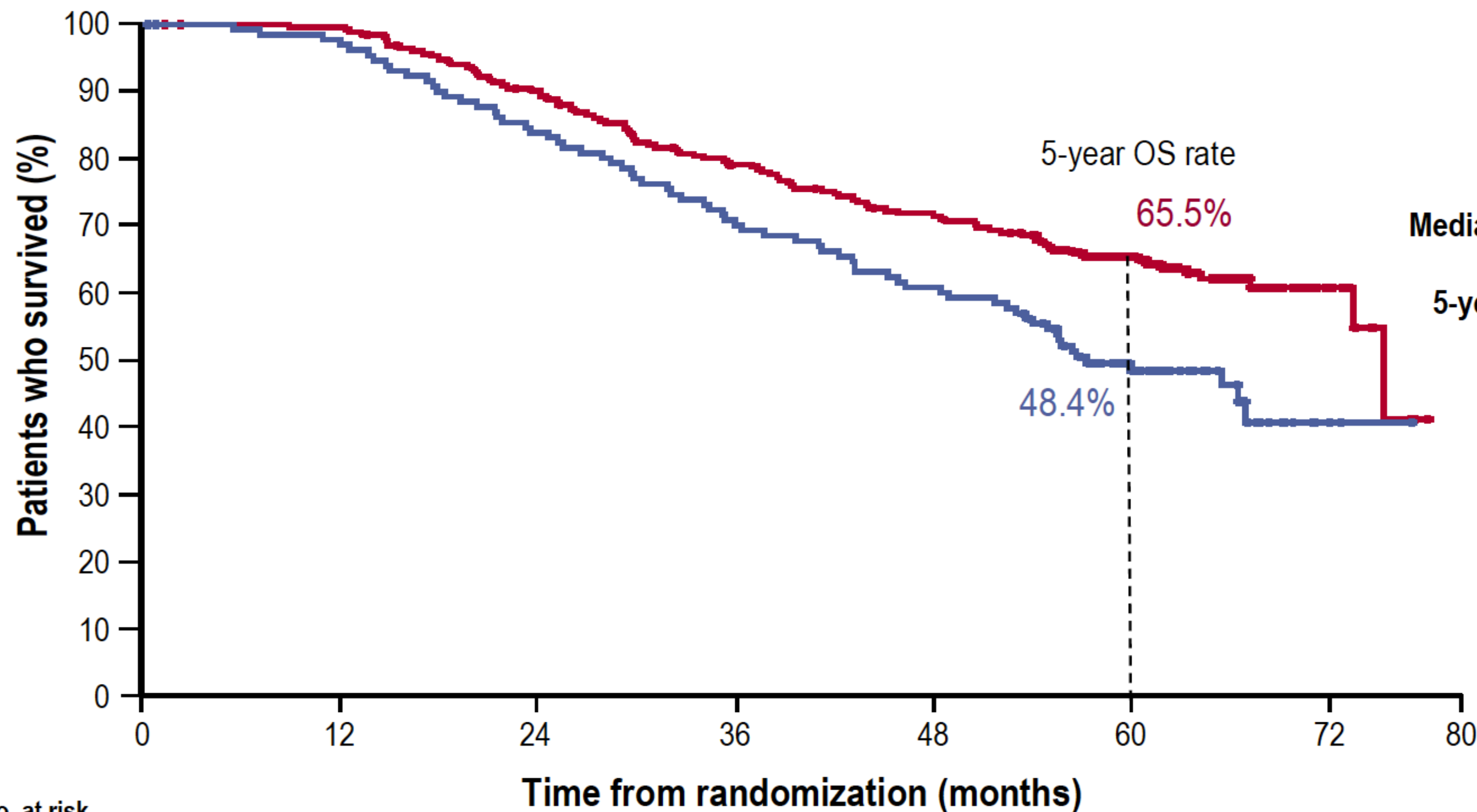
Olaparib + bevacizumab (N=537)	Placebo + bevacizumab (N=269)
288 (53.6)	158 (58.7)
56.5	51.6
47.3	41.5
HR 0.92 (95% CI 0.76–1.12); P=0.4118	

Patients receiving a PARP inhibitor during any subsequent treatment
 Olaparib + bevacizumab: **19.6%** (105/537)
 Placebo + bevacizumab: **45.7%** (123/269)

No. at risk	0	12	24	36	48	60	72	80																			
Olaparib + bevacizumab	537	530	528	517	503	480	463	440	420	398	376	357	347	329	308	295	286	276	262	217	169	113	82	40	19	4	0
Placebo + bevacizumab	269	267	264	261	250	242	229	220	208	199	188	179	166	160	154	146	139	132	121	96	76	51	37	20	5	2	0

PAOLA-1/ENGOT-ov25: Final overall survival results for newly diagnosed advanced ovarian cancer patients

Overall Survival HRD Population



No. at risk	0	12	24	36	48	60	72	80																			
Olaparib + bevacizumab	255	253	253	252	252	244	238	231	225	215	205	200	195	189	183	176	174	170	164	142	116	83	62	32	17	4	0
Placebo + bevacizumab	132	130	129	128	126	121	117	114	109	105	100	96	91	89	86	82	79	77	70	59	44	29	21	9	2	1	0

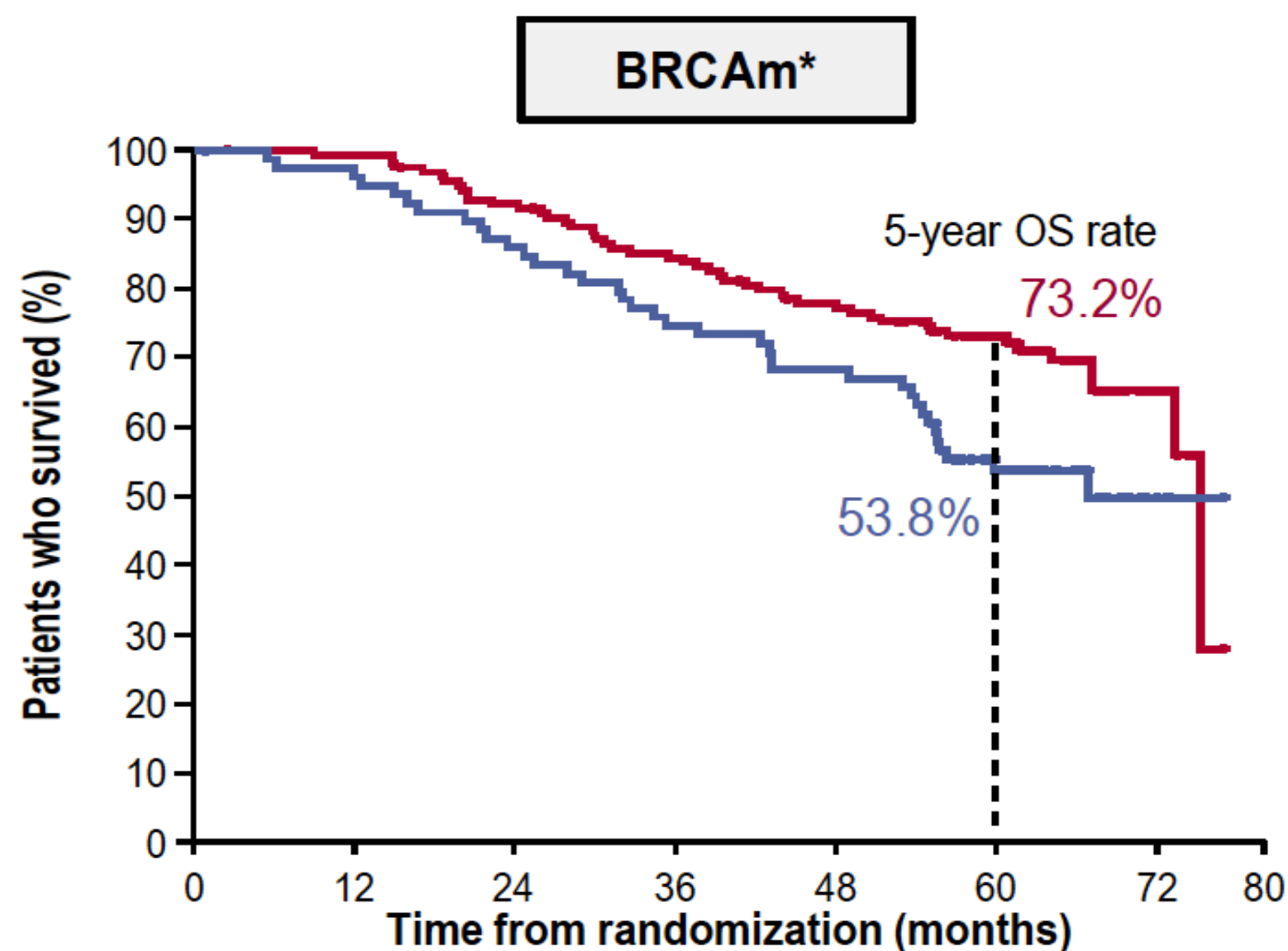
	Olaparib + bevacizumab (N=255)	Placebo + bevacizumab (N=132)
Events, n (%)	93 (36.5)	69 (52.3)
Median OS, months	75.2 (unstable)*	57.3
5-year OS rate, %	65.5	48.4
HR 0.62 (95% CI 0.45–0.85)		

38% reduction in risk of death for olaparib + bevacizumab vs bevacizumab alone

Patients receiving a PARP inhibitor during any subsequent treatment
 Olaparib + bevacizumab: 17.3% (44/255)
 Placebo + bevacizumab: 50.8% (67/132)

PAOLA-1/ENGOT-ov25: Final overall survival results for newly diagnosed advanced ovarian cancer patients

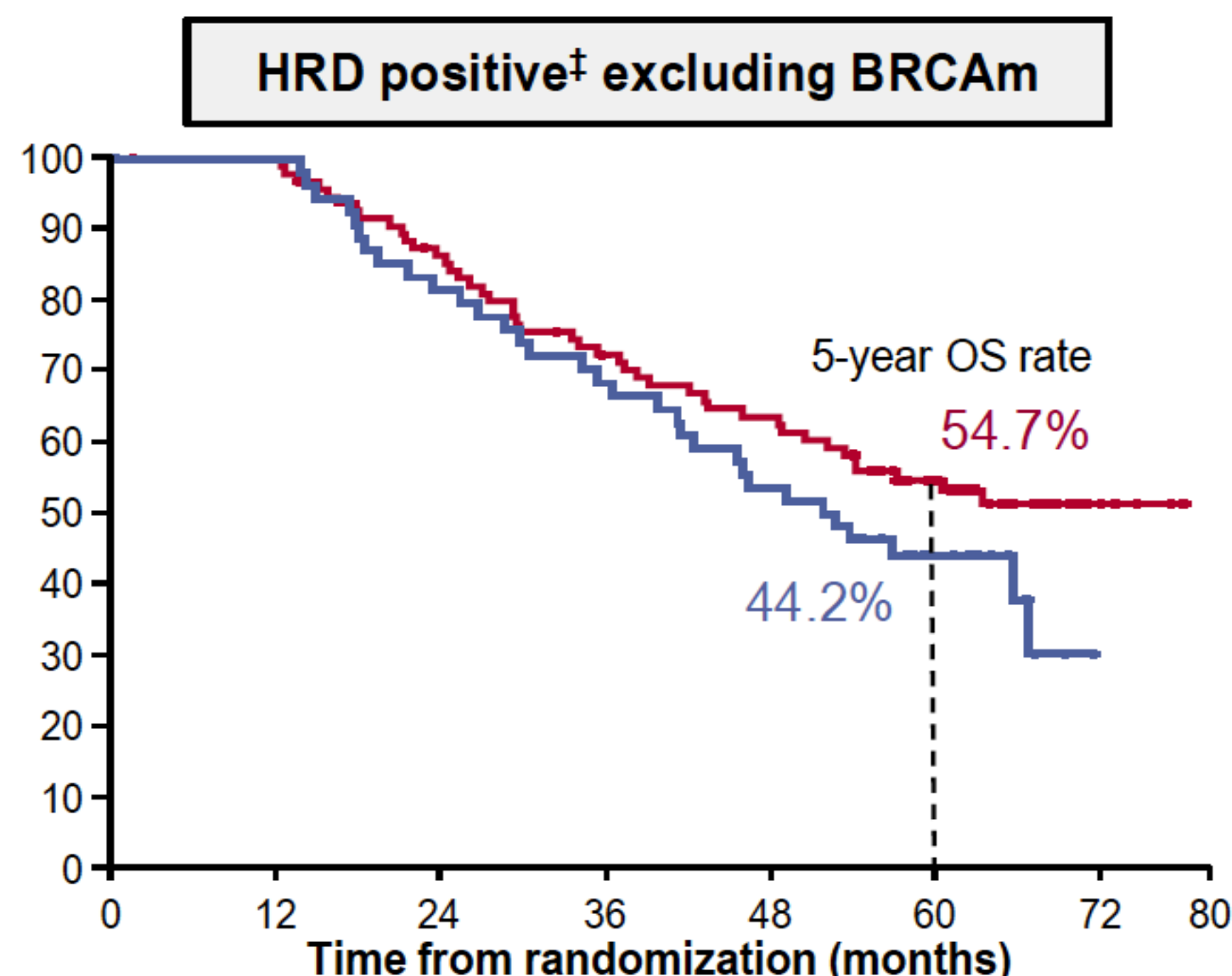
Overall Survival Subgroup Analysis *BRCAm* and HRD Status



No. at risk

Olaparib + bevacizumab	157	156	156	155	155	152	150	144	143	139	134	131	130	127	123	118	117	115	112	99	80	55	42	21	11	2	0
Placebo + bevacizumab	80	79	78	77	76	74	72	71	68	66	64	61	59	58	58	54	54	53	50	40	33	22	17	10	3	1	0

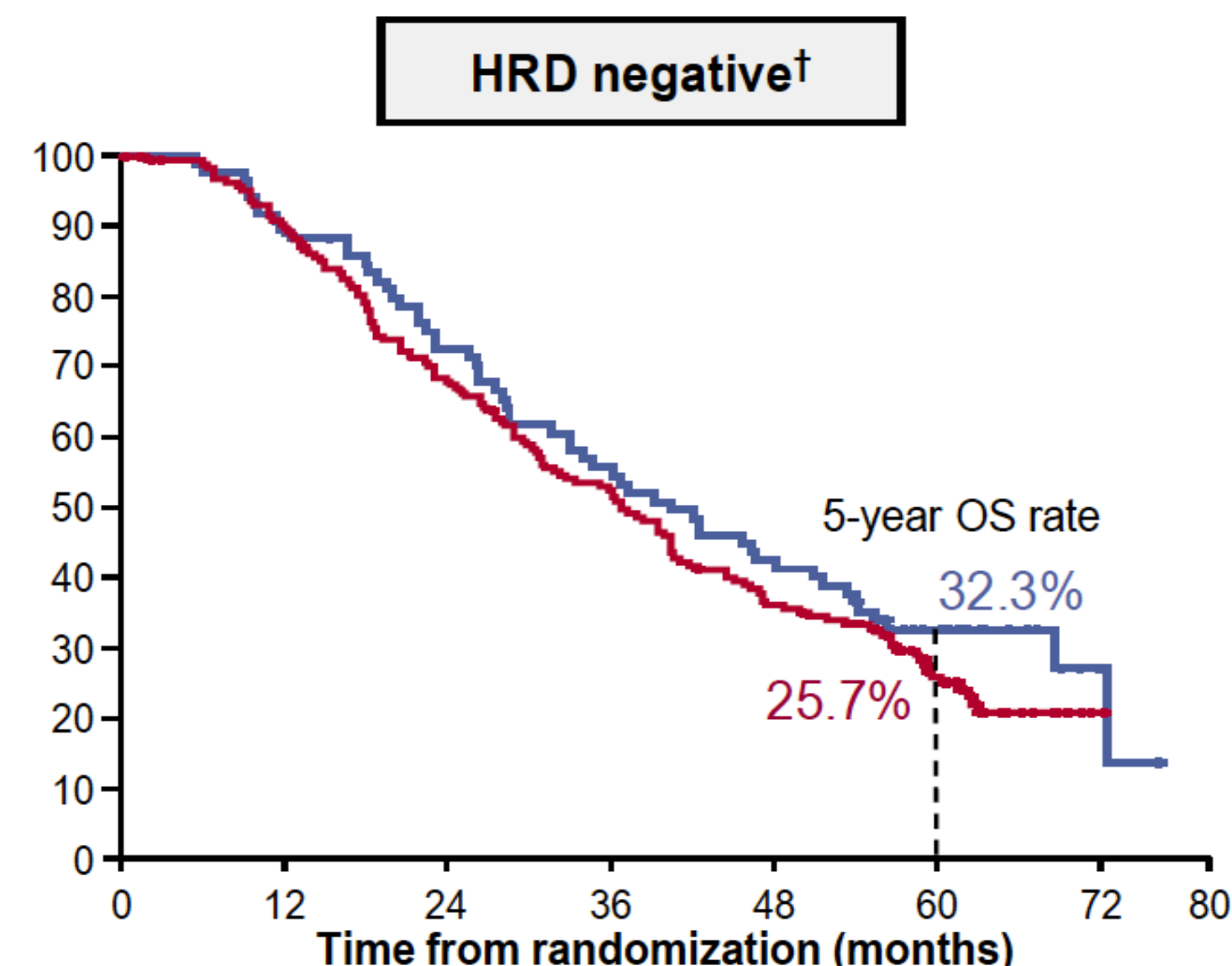
	Olaparib + bevacizumab (N=157)	Placebo + bevacizumab (N=80)
Events, n (%)	48 (30.6)	37 (46.3)
Median OS, months	75.2 (unstable) [†]	66.9
5-year OS rate, %	73.2	53.8
PARPi as subsequent treatment, n (%)	38 (24.2)	44 (55.0)
HR 0.60 (95% CI 0.39–0.93)		



No. at risk

Olaparib + bevacizumab	97	96	96	96	96	91	87	86	81	76	71	70	66	63	61	59	58	55	52	45	37	29	22	12	5	2	0
Placebo + bevacizumab	55	54	54	54	54	51	48	46	44	42	40	39	37	36	33	32	29	28	24	21	15	9	6	2	0	0	

	Olaparib + bevacizumab (N=97)	Placebo + bevacizumab (N=55)
Events, n (%)	44 (45.4)	32 (58.2)
Median OS, months	NR	52.0
5-year OS rate, %	54.7	44.2
PARPi as subsequent treatment, n (%)	9 (9.3)	23 (41.8)
HR 0.71 (95% CI 0.45–1.13)		



No. at risk

Olaparib + bevacizumab	192	187	186	179	169	157	146	135	126	119	109	100	97	89	77	72	66	62	57	43	30	16	11	5	1	0	
Placebo + bevacizumab	85	85	84	83	76	74	71	65	60	56	51	48	46	43	41	38	35	33	31	21	17	11	8	5	2	1	0

	Olaparib + bevacizumab (N=192)	Placebo + bevacizumab (N=85)
Events, n (%)	140 (72.9)	58 (68.2)
Median OS, months	36.8	40.4
5-year OS rate, %	25.7	32.3
PARPi as subsequent treatment, n (%)	46 (24.0)	34 (40.0)
HR 1.19 (95% CI 0.88–1.63)		

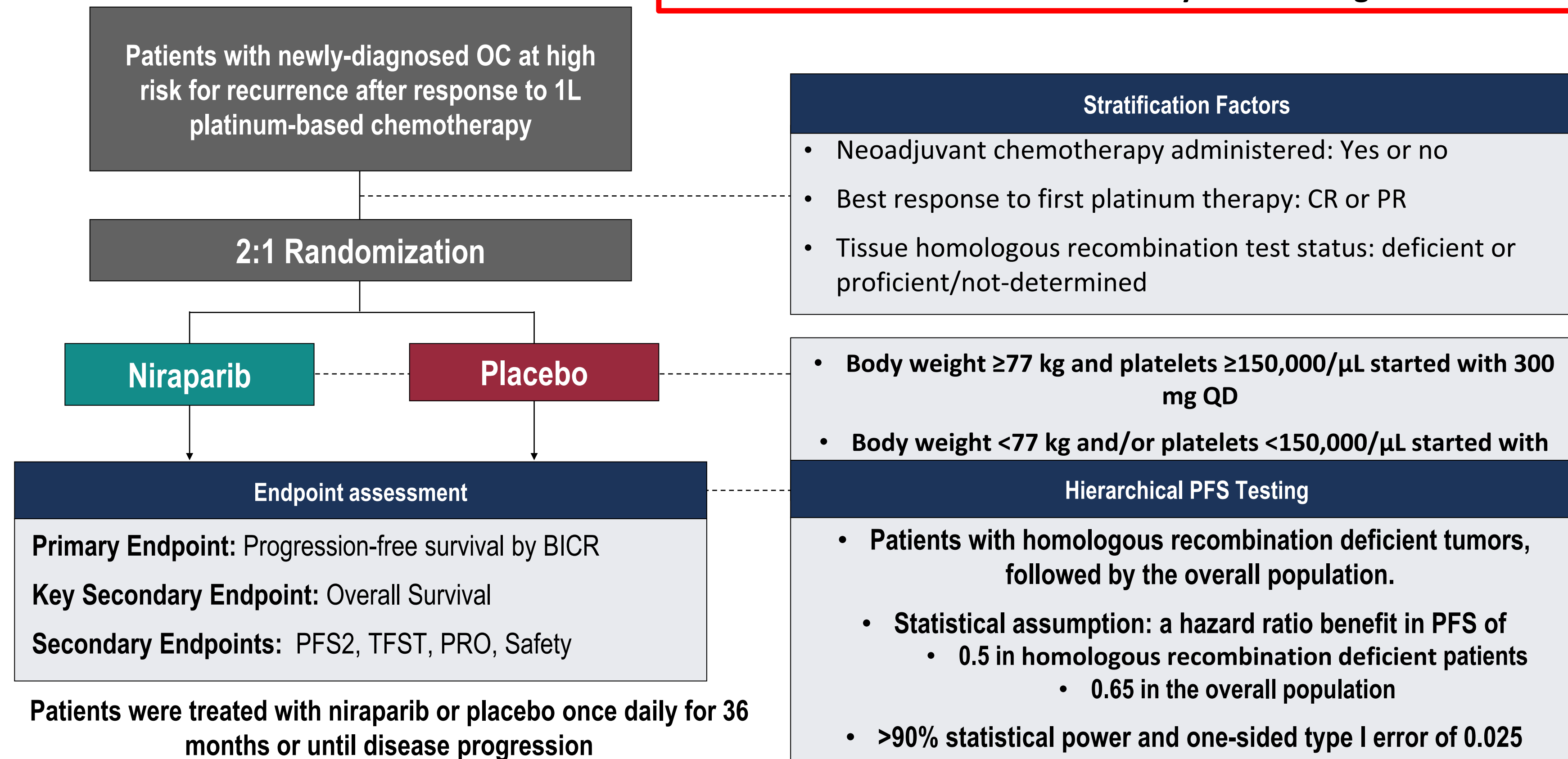
PAOLA-1/ENGOT-ov25: Final overall survival results for newly diagnosed advanced ovarian cancer patients

Adverse Events of Special Interest

	Primary PFS analysis (DCO: 22 March 2019)		Final PFS2 analysis (DCO: 22 March 2020)		Final OS analysis (DCO: 22 March 2022)	
	Olaparib + bevacizumab (N=535)	Placebo + bevacizumab (N=267)	Olaparib + bevacizumab (N=535)	Placebo + bevacizumab (N=267)	Olaparib + bevacizumab (N=535)	Placebo + bevacizumab (N=267)
MDS/AML/AA, n (%)	6 (1.1)	1 (0.4)	7 (1.3)	4 (1.5)	9 (1.7)	6 (2.2)
New primary malignancies, n (%)*	7 (1.3)	3 (1.1)	13 (2.4)	5 (1.9)	22 (4.1)	8 (3.0)
Pneumonitis/ILD/bronchiolitis, n (%)†	6 (1.1)	0 (0.0)	6 (1.1)	0 (0.0)	7 (1.3)	2 (0.7)

PRIMA/GOG 3012/ENGOT-ov26: Updated long-term PFS and safety

***Excluded stage III no visible residual after CRS and BEV maintenance.
Residual tumour after CT ≤ 2 cm
Normal CA125 or CA125 decrease by >90% during front-line therapy**



1L, first-line; BICR, blinded independent central review; CR, complete response; OC, ovarian cancer; PFS2, progression-free survival 2; PR partial response; PRO, patient-reported outcomes; TFST, time to first subsequent therapy.

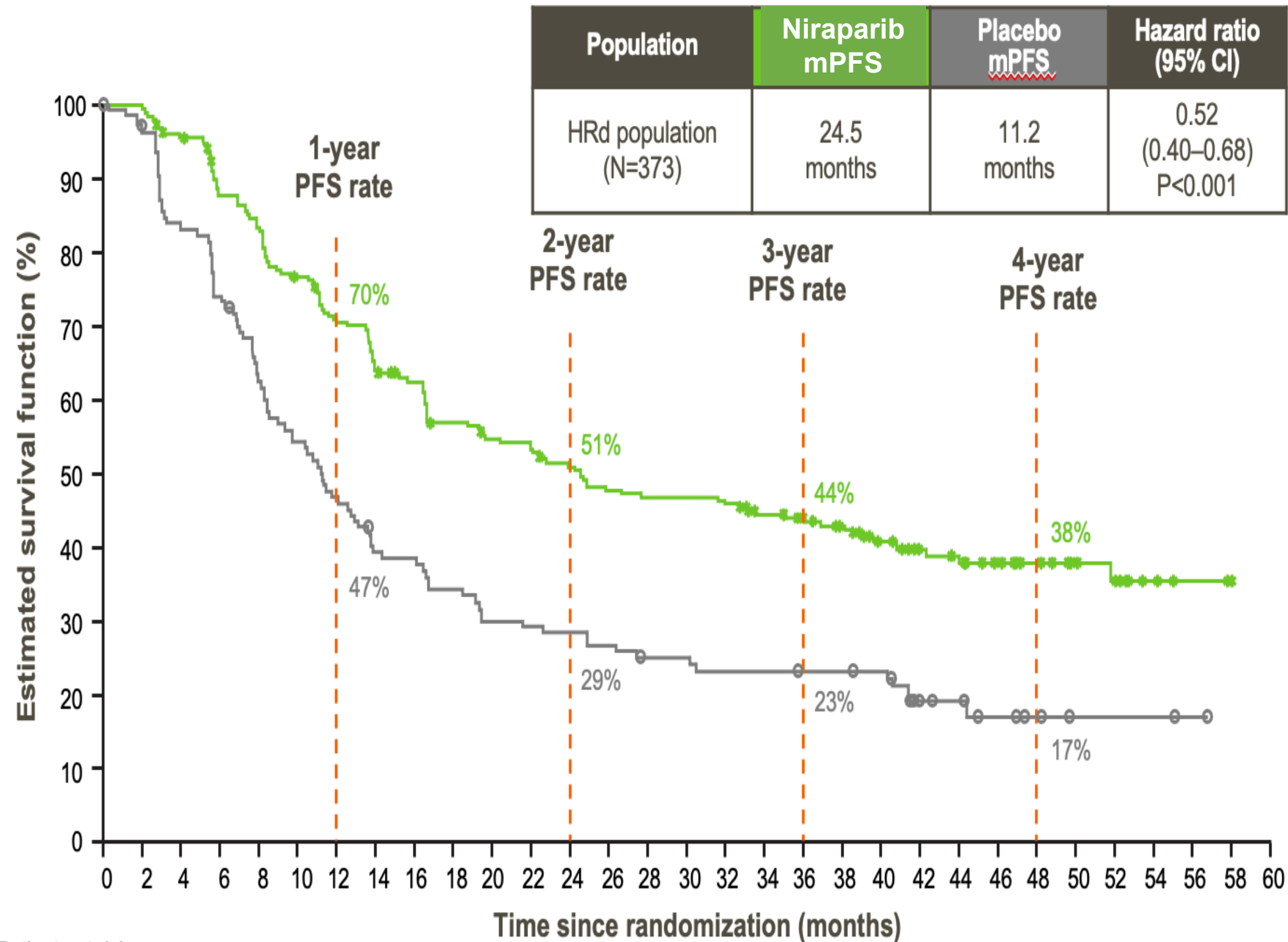
Gonzalez-Martin A. ESMO 2022

OS remains immature – 41.2% of overall population
Subsequent PARPi therapy: 9.2% niraparib group vs 33.3% placebo-group

PRIMA/GOG-3012/ENGOT-ov26: Updated long-term PFS

HRD and Overall Population

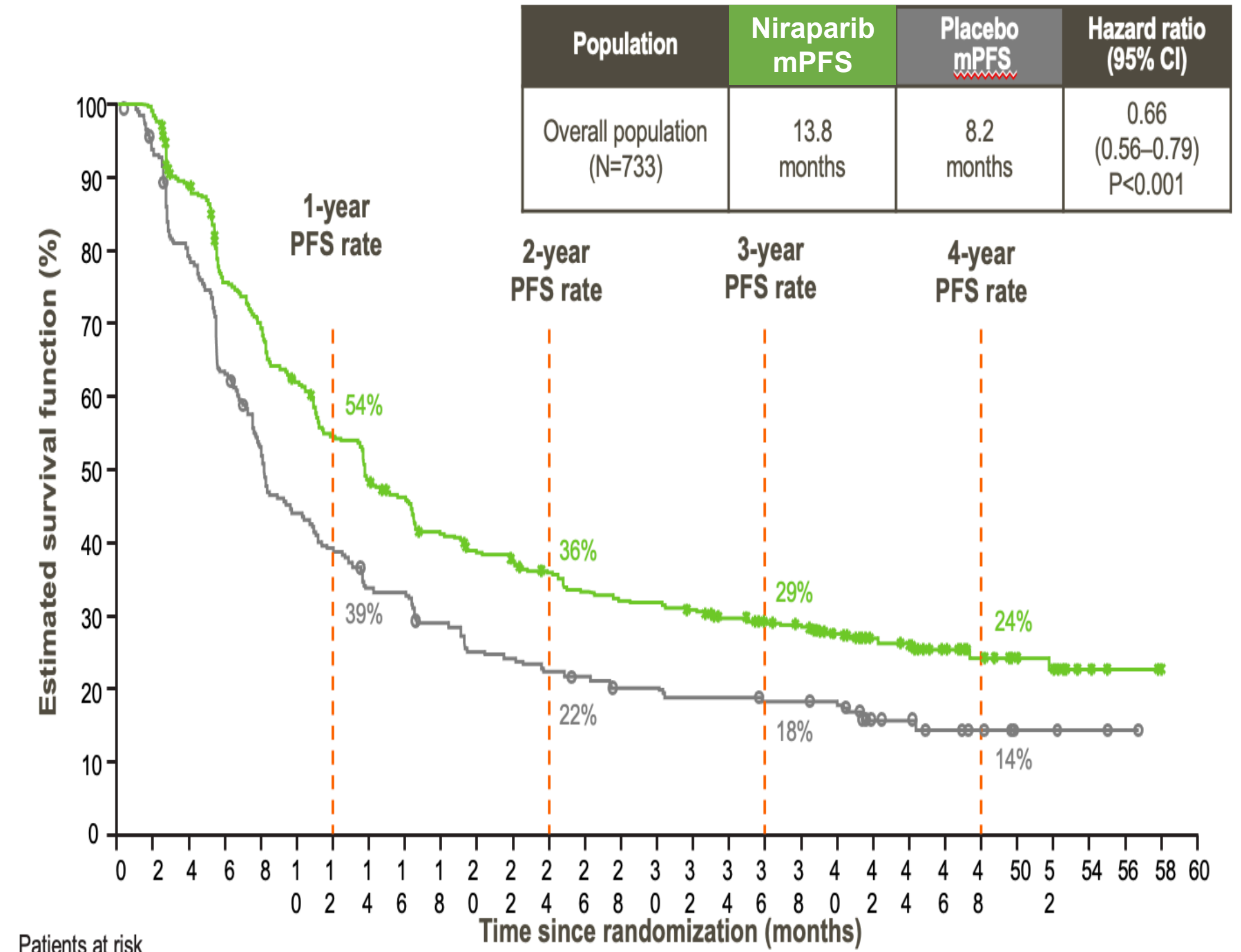
HRD



Patients at risk

Zejula	247	236	222	200	190	174	159	144	138	125	119	116	110	103	101	101	99	92	87	82	71	48	45	38	21	17	15	4	2	1	0
Placebo	126	118	102	91	76	66	57	47	46	41	36	35	34	32	28	28	26	26	25	25	24	11	10	7	5	2	2	2	1	0	

Overall



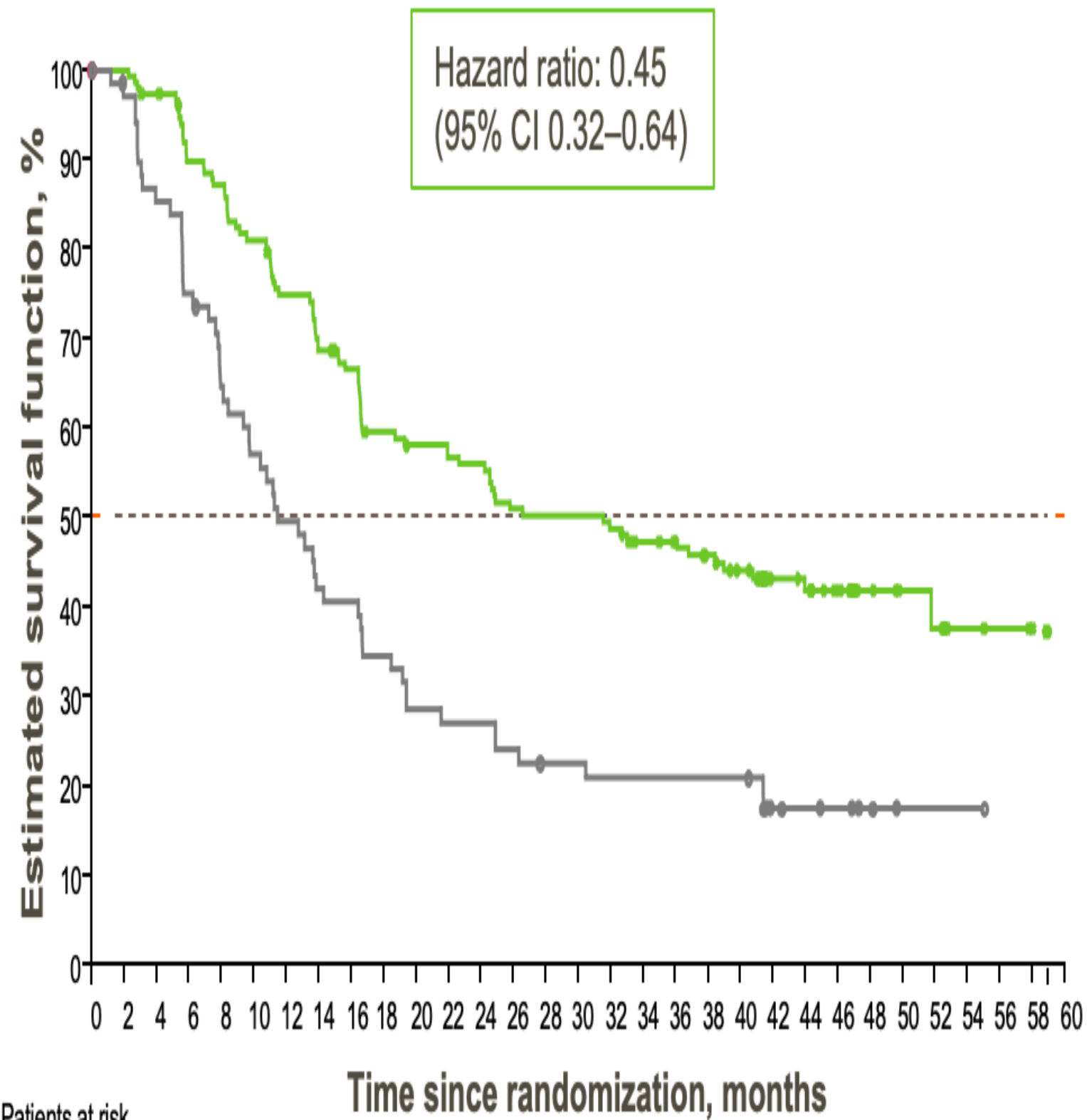
Patients at risk

Zejula	487	462	407	342	317	279	244	217	204	181	168	162	152	141	136	135	129	121	114	108	95	60	57	44	21	17	15	4	2	1	0
Placebo	246	226	191	151	125	103	92	78	77	66	57	55	51	48	43	43	40	40	37	37	36	16	15	10	7	3	3	2	1	0	

PRIMA/GOG-3012/ENGOT-ov26: Updated long-term PFS

HRD *BRCAm*, HRD *BRCAw*, and HRP Subgroup Analysis

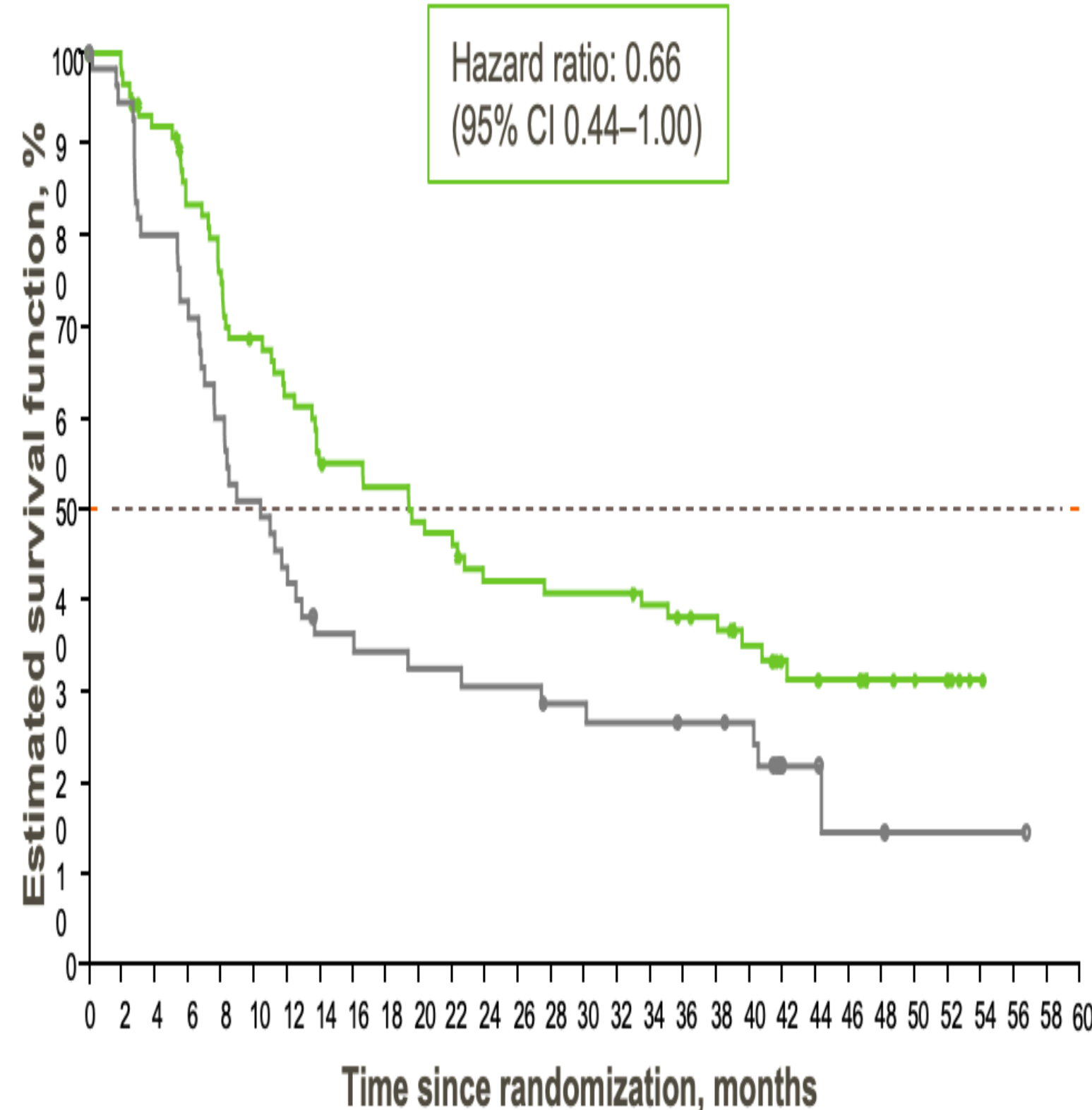
HRd *BRCAm*



Patients at risk

Zejula	152	150	145	132	128	119	109	100	95	84	81	79	78	71	70	68	63	60	56	50	32	30	25	13	10	9	3	2	1	0
Placebo	71	66	58	51	43	38	33	28	27	23	19	18	18	16	14	14	13	13	13	13	7	6	5	3	1	1	1	0		

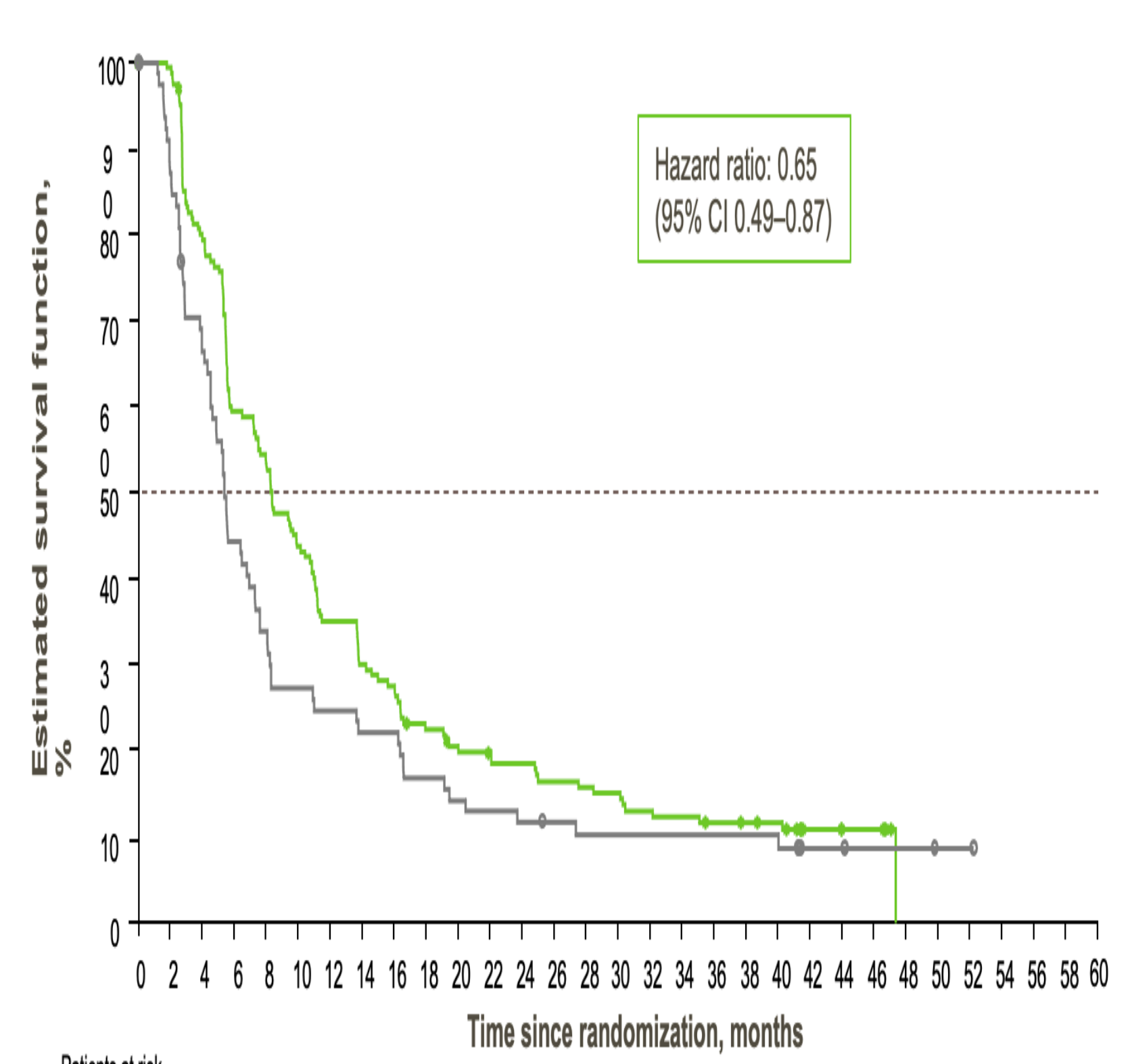
HRd *BRCAw*



Patients at risk

Zejula	95	86	77	68	62	55	50	44	43	41	38	37	32	32	31	31	31	29	27	26	21	16	15	13	8	7	6	1	0
Placebo	55	52	44	40	33	28	24	19	19	18	17	17	16	16	14	14	13	13	12	11	4	4	2	2	1	1	1	1	0

HRp



Patients at risk

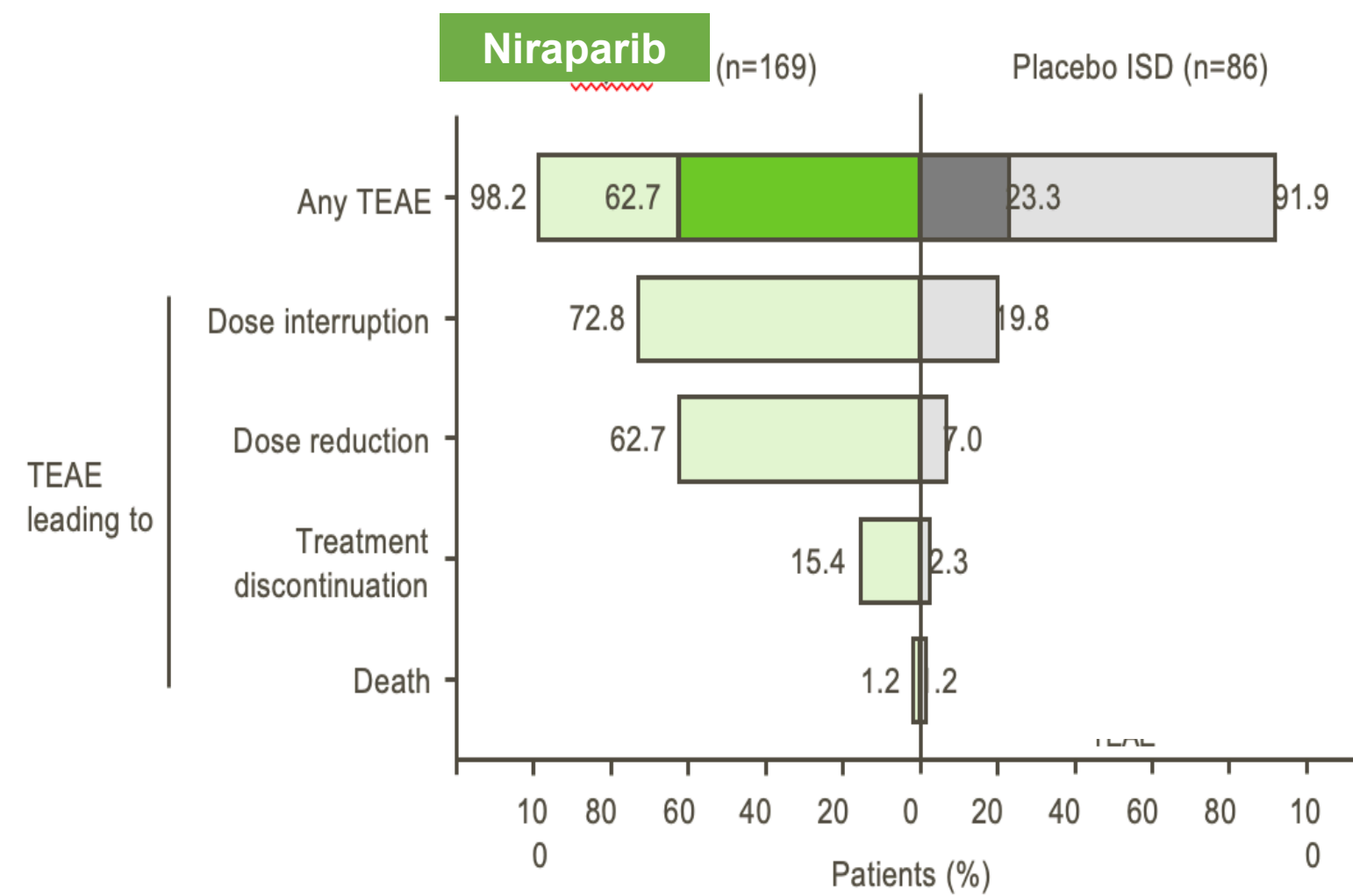
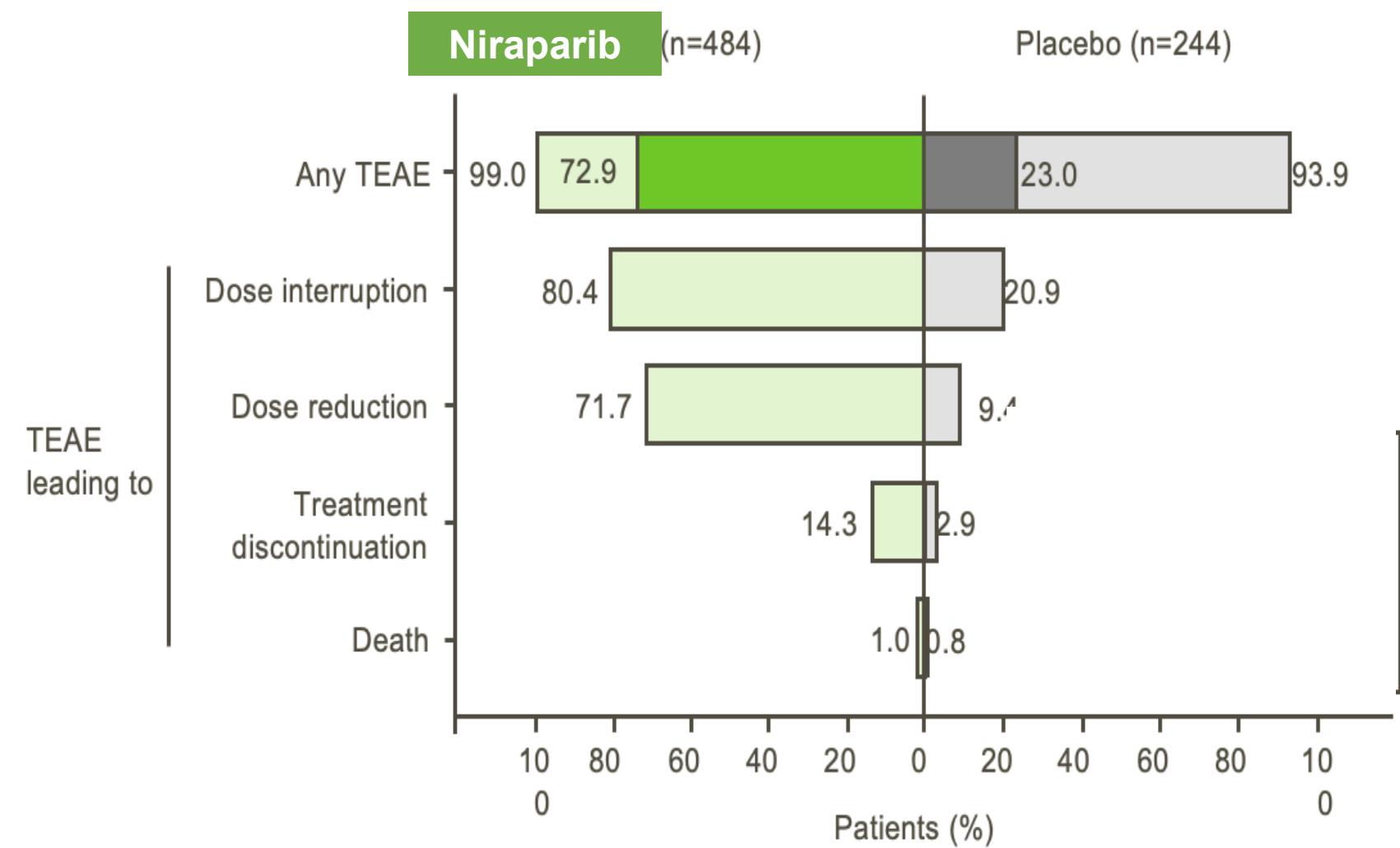
Zejula	169	160	128	95	87	70	56	48	44	36	31	29	27	24	23	22	19	18	16	15	14	7	7	5	0		
Placebo	80	69	53	34	26	21	19	17	17	13	11	10	9	8	7	7	7	7	7	7	3	3	2	2	1	1	0

PRIMA/GOG-3012/ENGOT-ov26: Updated long-term PFS

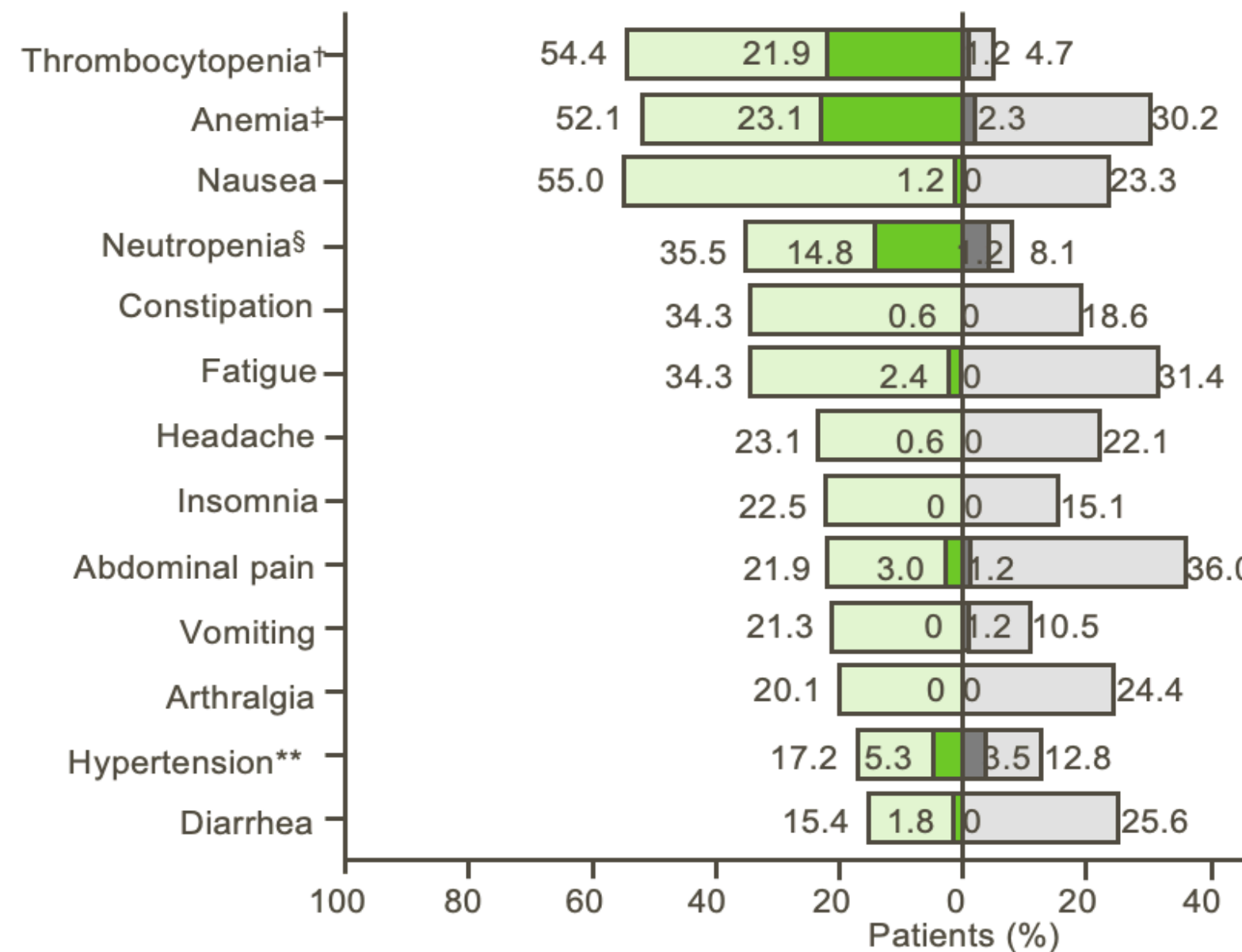
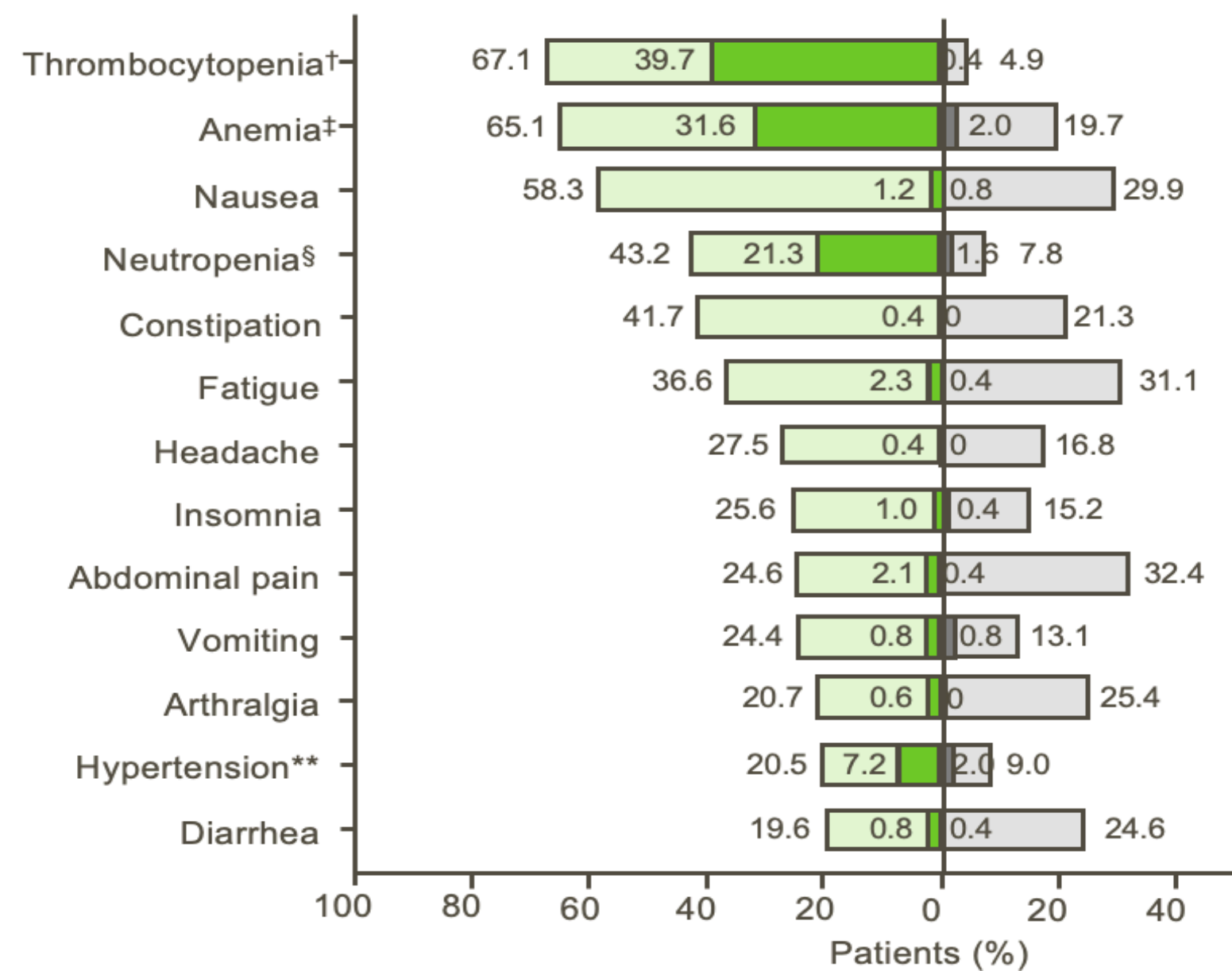
Dose Interruptions and Reductions

Overall population (N=728)*

Patients who received an ISD (n=255)*



- Niraparib any grade TEAE
- Niraparib grade ≥ 3 TEAE
- Placebo any grade TEAE
- Placebo grade ≥ 3 TEAE



Gonzalez-Martin A. ESMO 2022

PARPi for Frontline Maintenance Therapy: Key Efficacy Data

Efficacy	PRIMA ^{1,6} (N=733)	PRIME ² (N=384) (study in China)	SOLO-1 ^{3,8} (N=391)	ATHENA-MONO ⁴ (N=538)	PAOLA-1 ^{5,7} (N=806)
Treatment	Niraparib vs placebo	Niraparib vs placebo	Olaparib vs placebo	Rucaparib vs placebo	Olaparib/Bev vs Bev
PFS					
ITT	13.8 vs 8.2 0.66 (0.56-0.79)	24.8 vs 8.3 0.45 (0.34-0.60)	-	20.2 vs 9.2 0.52 (0.40-0.68)	22.1 vs 16.6 0.59 (0.49-0.72)
<i>BRC</i> Awt/HRp	8.1 vs 5.4* 0.49 (0.49-0.87)	14.0 vs 5.5 0.41 (0.25-0.65)	-	12.1 vs 9.1 0.65 (0.45-0.95)	16.9 vs 16.0 1.00 (0.75-1.35) ^b
<i>BRC</i> Awt/HRd	19.6 vs 8.2* 0.66 (0.44-1.00)	24.8 vs 11.1 0.58 (0.36-0.93)	-	20.3 vs 9.2 0.58 (0.33-1.01)	28.1 vs 16.6 0.43 (0.28-0.66) ^b
<i>BRC</i> Am	22.1 vs 10.9 0.45 (0.32-0.64)	NR vs 10.8 0.40 (0.23-0.68)	56.0 vs 13.8 0.33 (0.25-0.43)	NR vs 14.7 0.40 (0.21-0.75)	37.2 vs 21.7 0.31 (0.20-0.47) ^b
OS					
ITT					56.5 vs 51.6 0.92 (0.76-1.12)
HRD negative					36.8 vs 40.4 1.19 (0.88-1.63)
HRd/Excluding <i>BRC</i> Am					NR vs 52 0.71 (0.45-1.13)
<i>BRC</i> Am			NR vs 75.2 0.55 (0.40-0.76)		75.2 vs 66.9 0.60 (0.39-0.93)

^a 1. Gonzalez-Martin A, et al. *N Engl J Med*. 2019;381(25):2391-2402. 2. Li N, et al. Presented at SGO 2022. Abstract 244. 3. Banerjee S, et al. *Lancet Oncol*. 2021;22(12):1721-1731.

4. Monk B, et al. JCO on line June 6, 2022. 5. Ray-Coquard I, et al. *N Engl J Med*. 2019;381(25):2416-2428. 6. Gonzalez-Martin A, et al. presented at ESMO 2022. 7. Ray-Coquard I, et

al. presented at ESMO 2022. 8. DiSilvestro P, et al. presented at ESMO 2022

Key Phase III Studies of Front-Line Intraperitoneal Therapy

Study	N	Eligibility	Median OS	Hazard ratio	p-value
SWOG 8501/ GOG 104 ¹	546	Stage III, ≤2 cm residual	IP: 49 mo IV: 41 mo	0.76	0.02
GOG 114/ SWOG 9227 ²	462	Stage III, ≤1 cm residual	IP: 63.2 mo IV: 52.2 mo	0.81	0.05
GOG 172 ³	415	Stage III, ≤1 cm residual	IP: 65.6 mo IV: 49.7 mo	0.75	0.03
GOG 252 ⁴	1560	Stage II-IV, Maximal CRS	IV: 75.5 mo. IPcarbo: 78.2 mo. IP cis: 72.9 mo.	-- 0.95 1.05	NS

Retrospective analysis of GOG 114 and 172⁵

- N = 876, median follow-up 10.7 years: Median OS for IP vs IV: **61.8 vs 51.4 mo**, HR = 0.77, p = 0.002

Subgroup analysis of GOG 252⁴

- Stage III R0/R1: Median OS for IPcarbo, IPcis vs IV: **78.2, 74.1 vs 74.6 mo**
- Stage II/III R0/R1: Median OS for IPcarbo, IPcis vs IV: **84.7, 76.3 vs 80.0 mo**
- Stage II/III R0: Median OS for IPcarbo, IPcis vs IV: **104.8, NR vs 98.8 mo**

¹ Alberts DS et al. *N Engl J Med* 1996;335:1950-5; ² Markman M et al. *J Clin Oncol* 2001;19:1001-7; ³ Armstrong DK et al. *N Engl J Med* 2006;354:34-43; ⁴ Walker J et al. *J Clin Oncol* 2019;37:1380-90; ⁵ Tewari D et al. *J Clin Oncol* 2015;33:1460-6.

OVHIPEC-1: Recurrence-Free and Overall Survival

NCT00426257

ORIGINAL ARTICLE

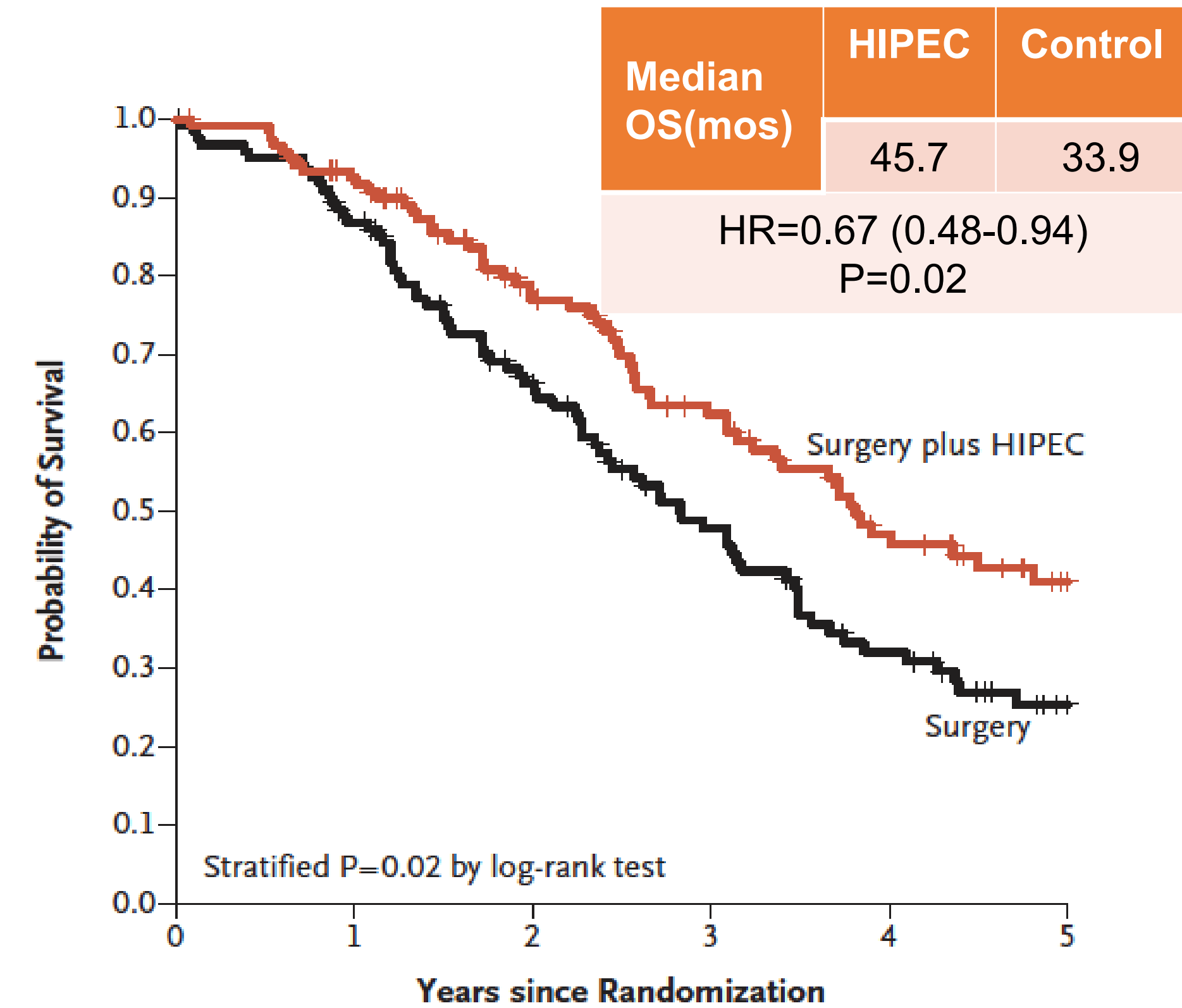
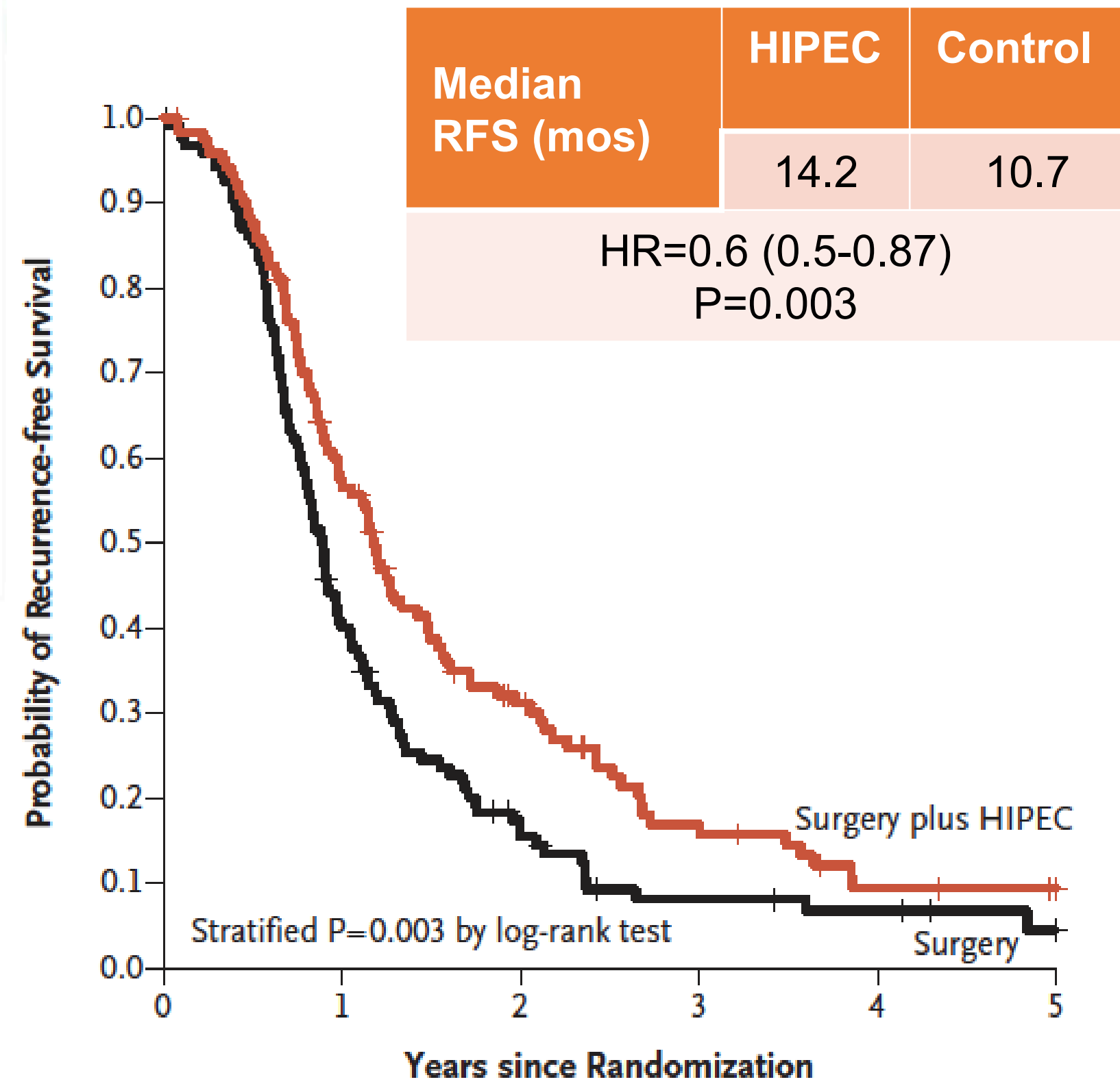
Hyperthermic Intraperitoneal Chemotherapy in Ovarian Cancer

W.J. van Driel, S.N. Koole, K. Sikorska, J.H. Schagen van Leeuwen, H.W.R. Schreuder, R.H.M. Hermans, I.H.J.T. de Hingh, J. van der Velden, H.J. Arts, L.F.A.G. Massuger, A.G.J. Aalbers, V.J. Verwaal, J.M. Kieffer, K.K. Van de Vijver, H. van Tinteren, N.K. Aaronson, and G.S. Sonke

N=245

Safety outcomes similar – Grade 3/4 toxicity 0-6% in HIPEC arm

Elective colostomy: 72% HIPEC vs 43% no HIPEC p=0.04



Dutch Gynaecological Oncology Audit Observational Study: N=668

HIPEC: Longer LOS >7 days OR 3.9 (p<0.001) and increased complications OR 1.5 (p=0.03). No association with incidence severe complications (Clavien-Dindo ≥G3) (OR 0.7, p=0.38) and 30-day-mortality.

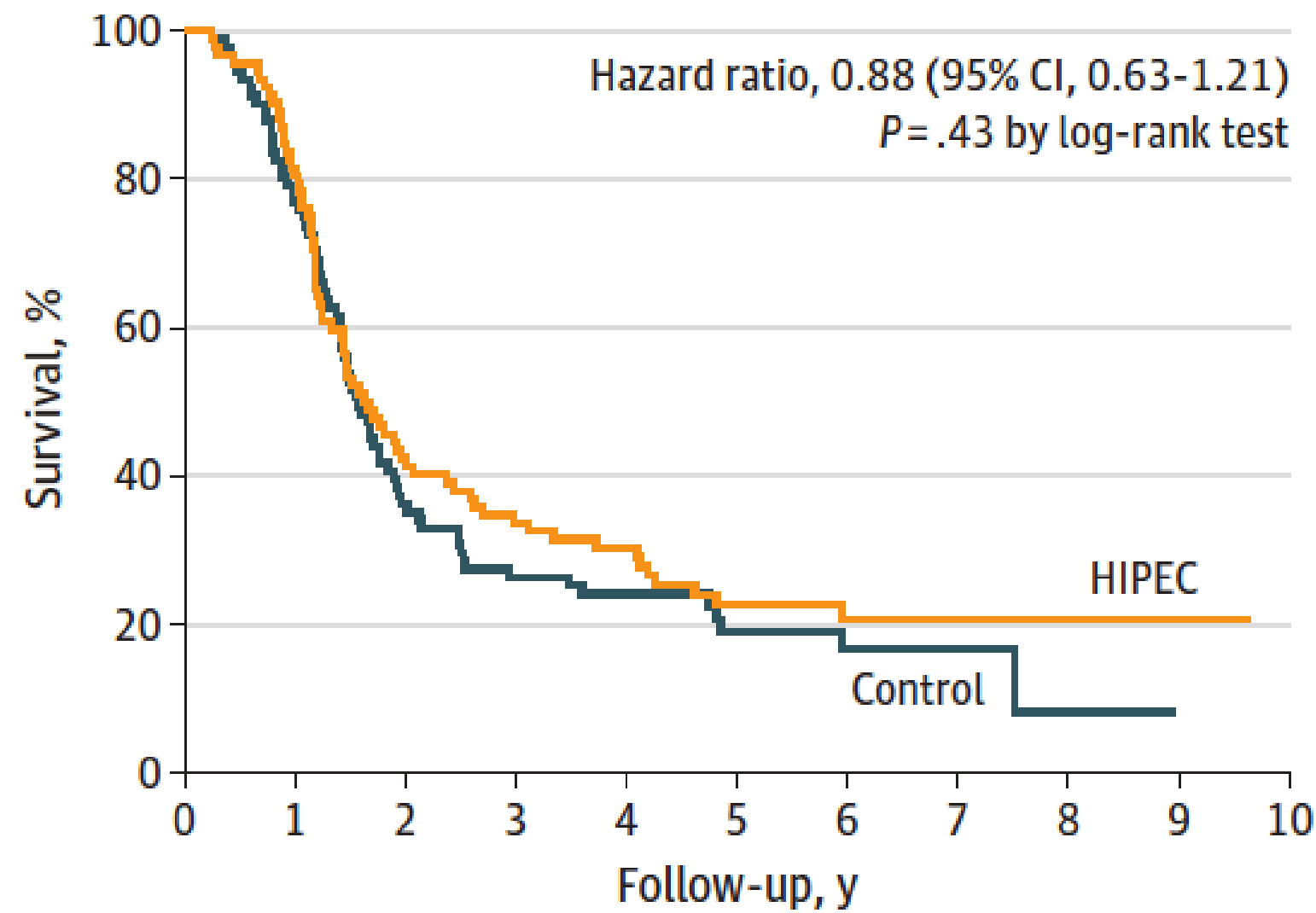
Survival After Hyperthermic Intraperitoneal Chemotherapy and Primary or Interval Cytoreductive Surgery in Ovarian Cancer

A Randomized Clinical Trial

N=184

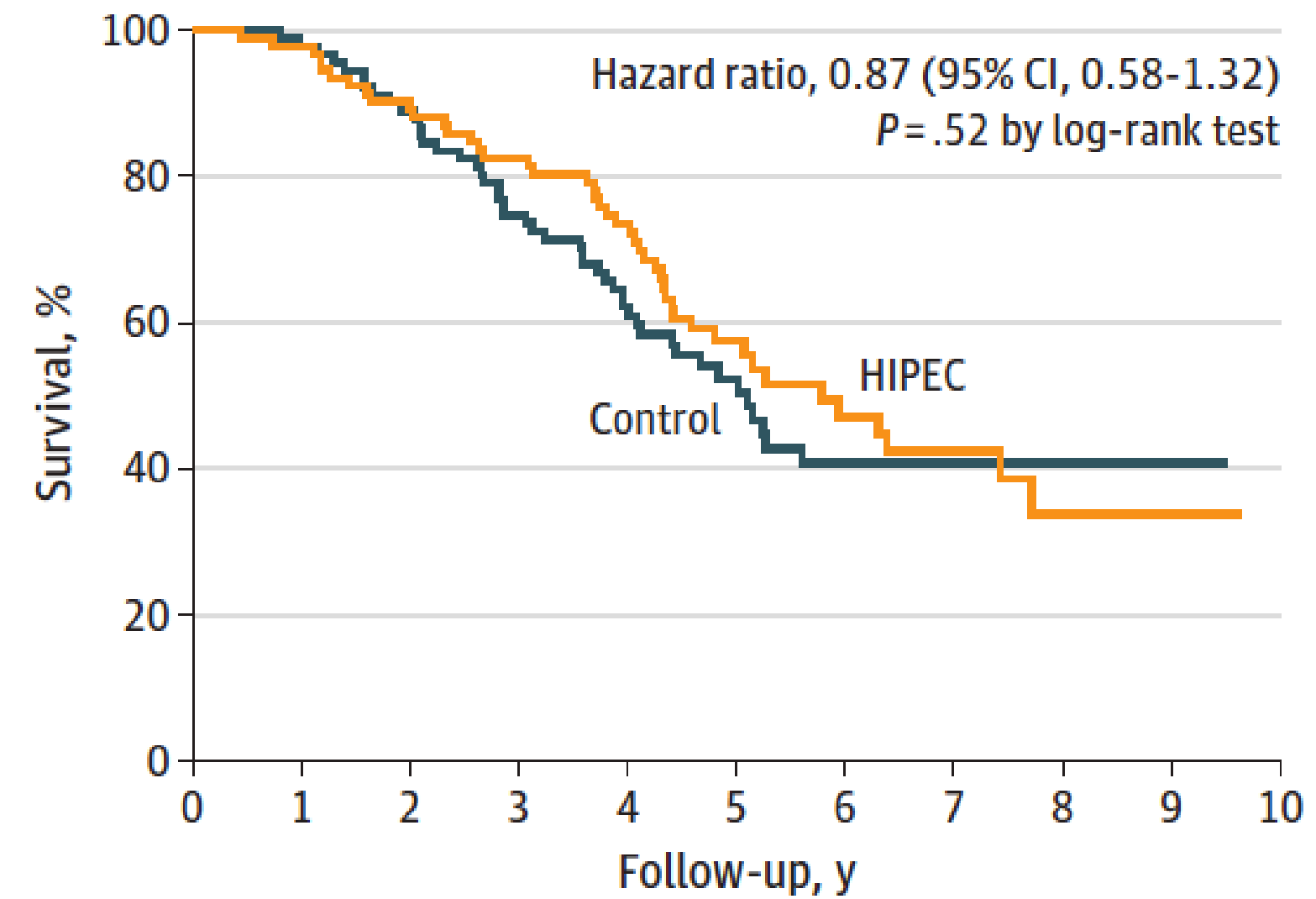
NCT01091636

A Progression-free survival



No. at risk	0	1	2	3	4	5	6	7	8	9	10
Control group	92	70	33	24	18	10	7	4	1	0	0
HIPEC group	92	74	38	31	24	12	10	7	4	2	0

B Overall survival



No. at risk	0	1	2	3	4	5	6	7	8	9	10
Control group	92	89	81	68	51	28	18	12	6	1	0
HIPEC group	92	90	82	75	60	31	20	13	6	3	0

Adverse Events	HIPEC N (%)	Control N (%)	P
Increased PT INR	75 (81.5%)	60 (65.2%)	0.01
Acute kidney injury	19 (20.7%)	6 (6.5%)	0.005
Electrolyte disturbance	74 (80.4%)	41 (44.6%)	0.001
Grade 3 or 4	86 (93.5%)	80 (87%)	

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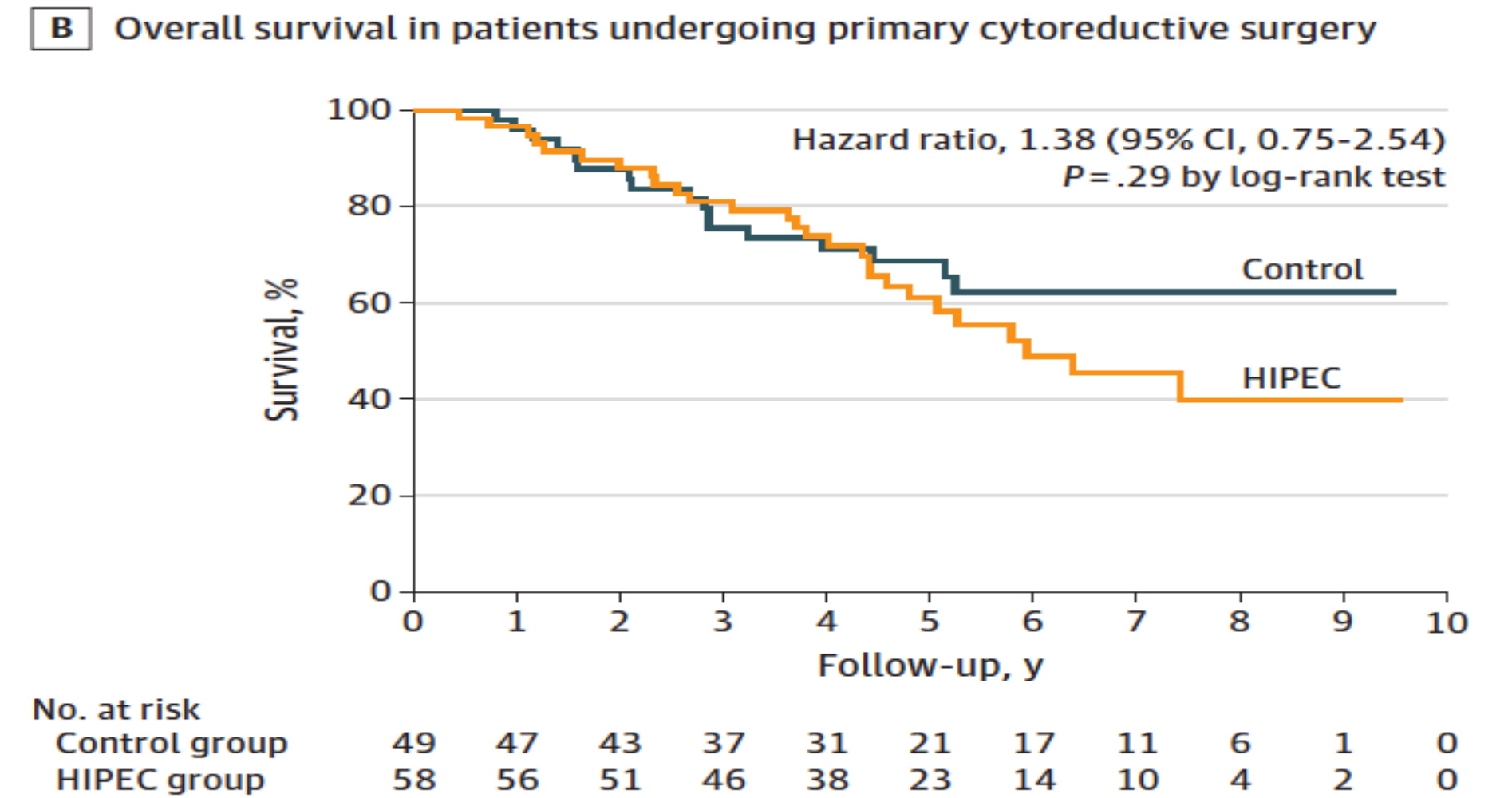
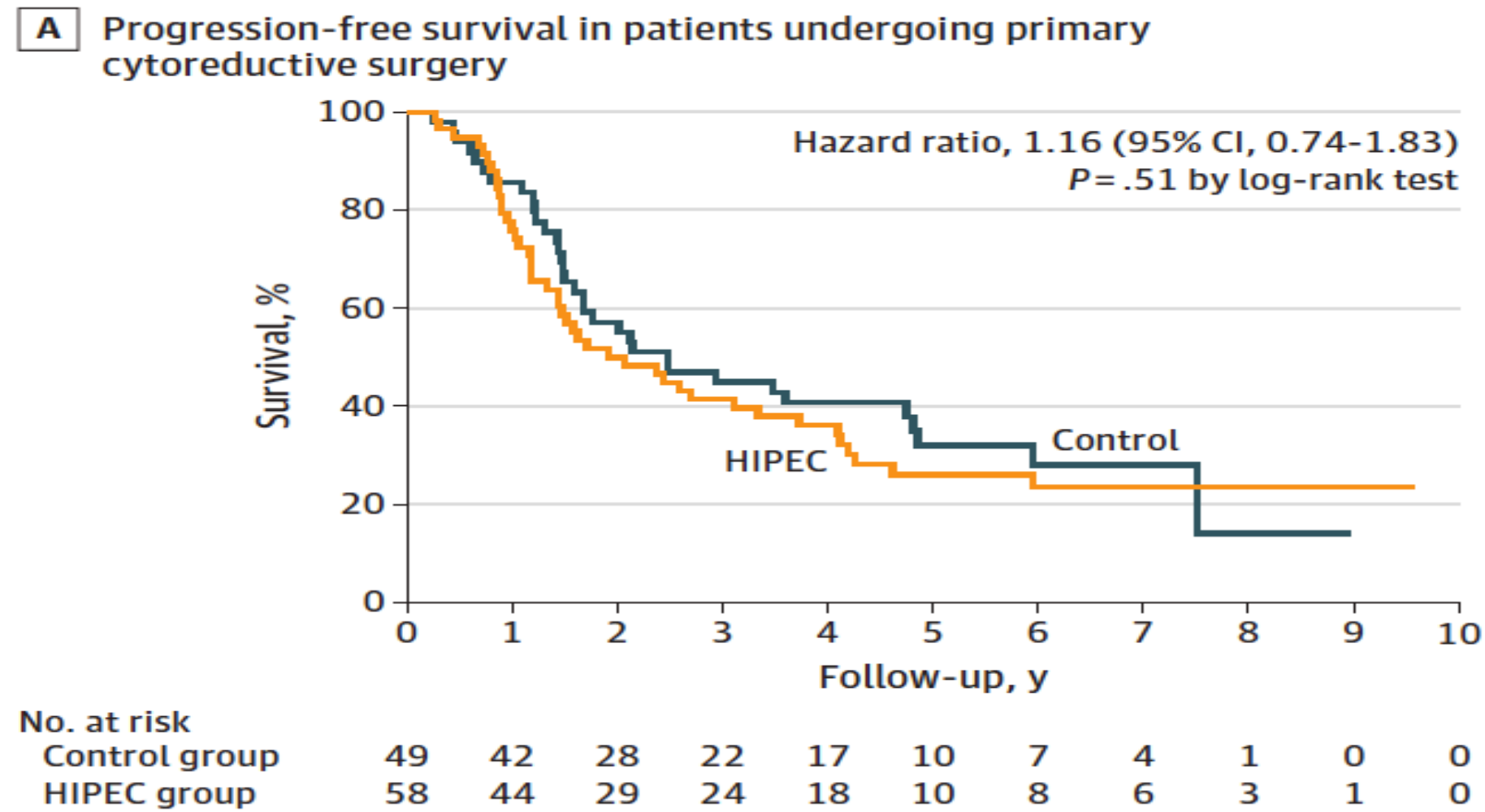
Survival After Hyperthermic Intraperitoneal Chemotherapy and Primary or Interval Cytoreductive Surgery in Ovarian Cancer

A Randomized Clinical Trial

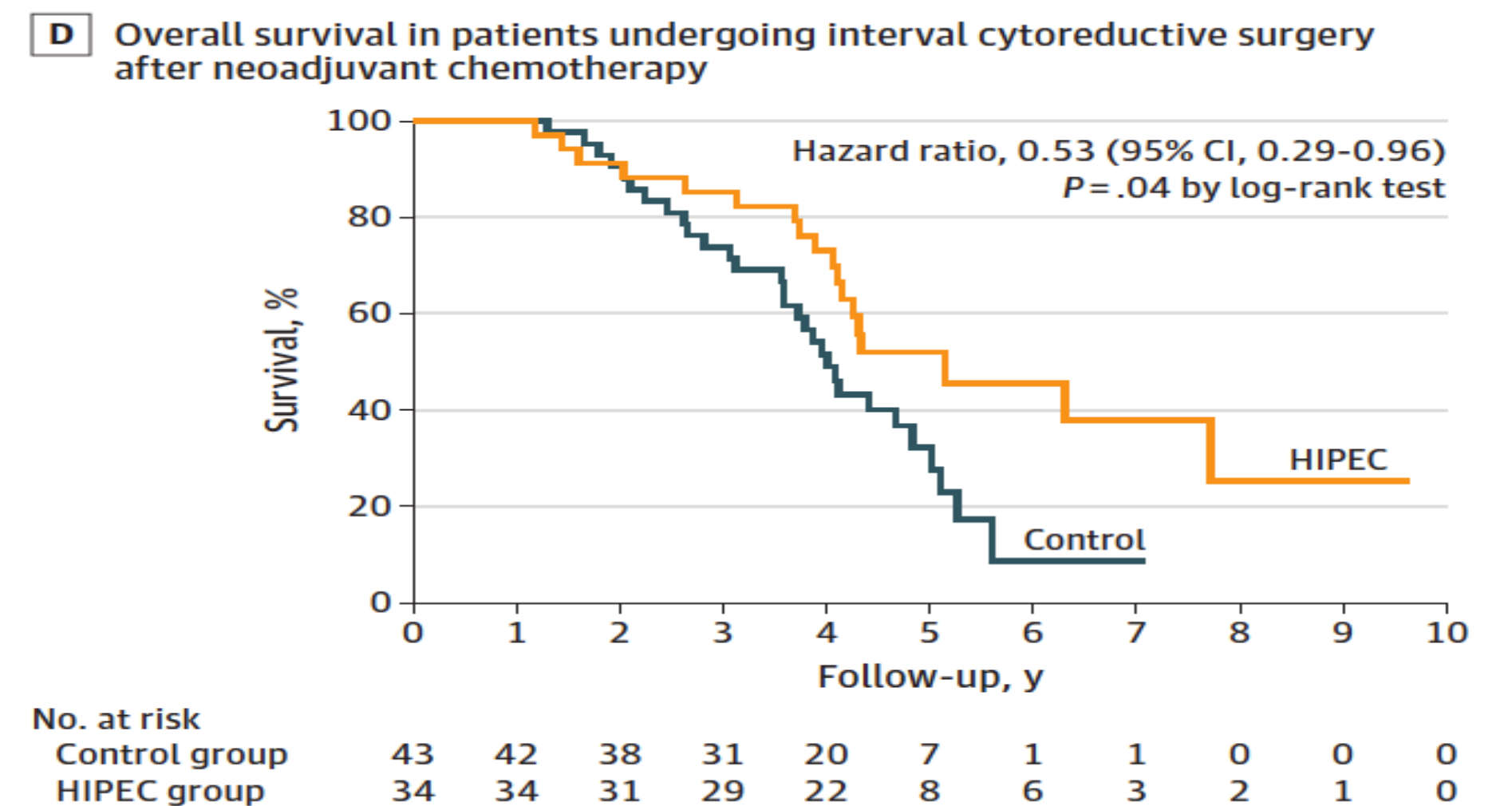
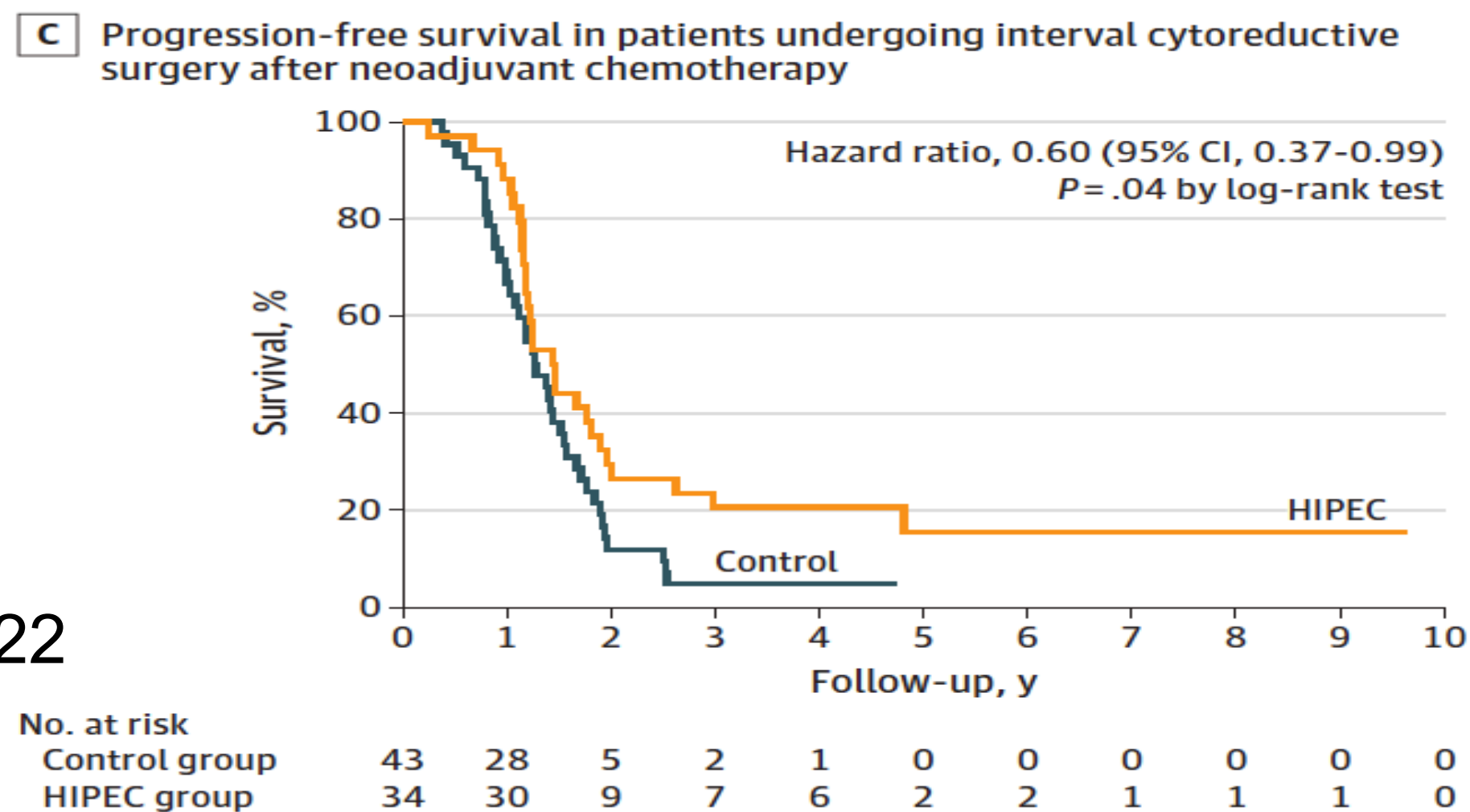
Subgroup Analysis: PDS and NACT/IDS

[NCT01091636](#)

N=107



N=77



Lim et al. JAMA Surg 2022

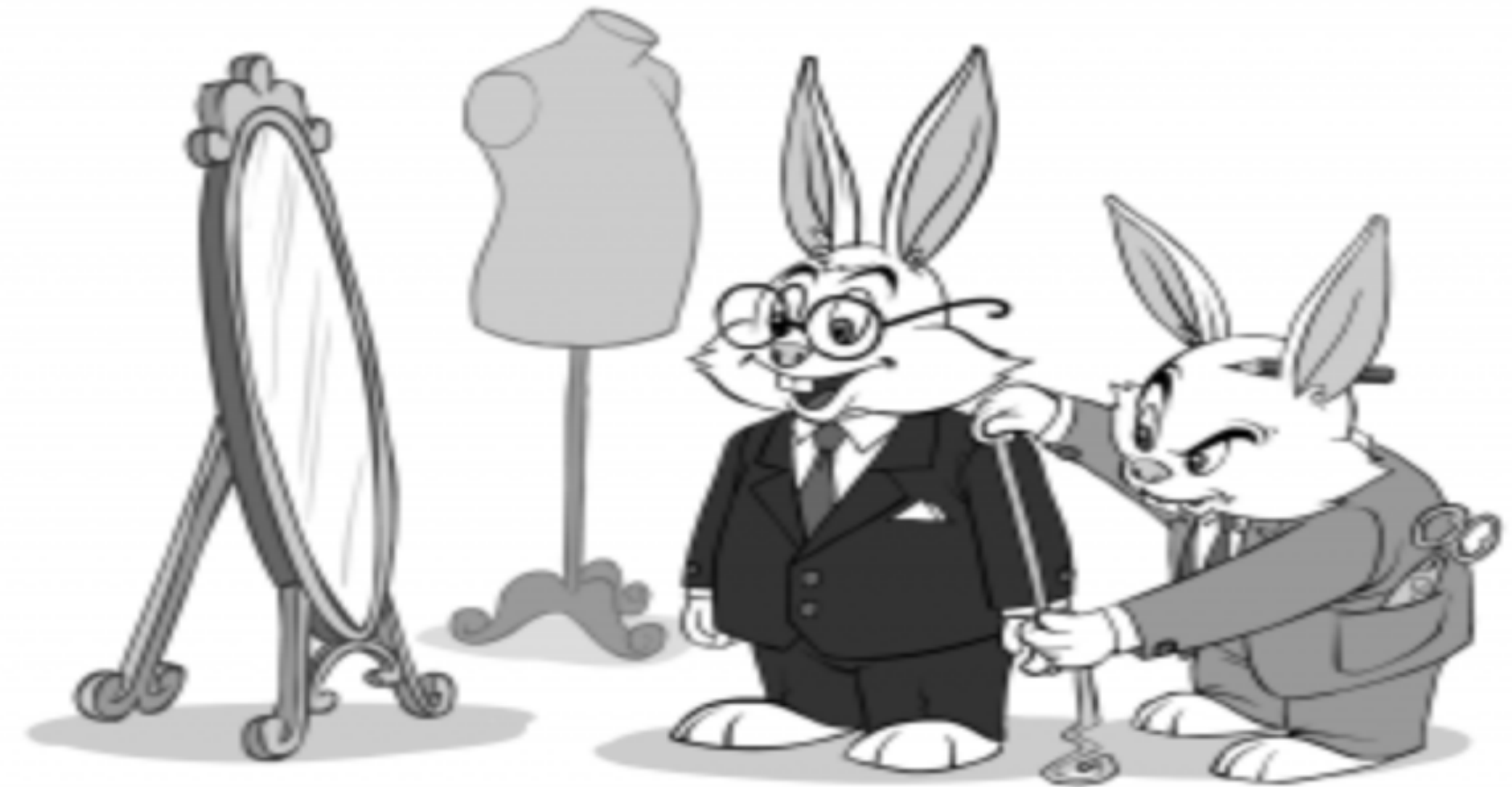
DISCUSSION BOARD



ONE SIZE
FITS ALL



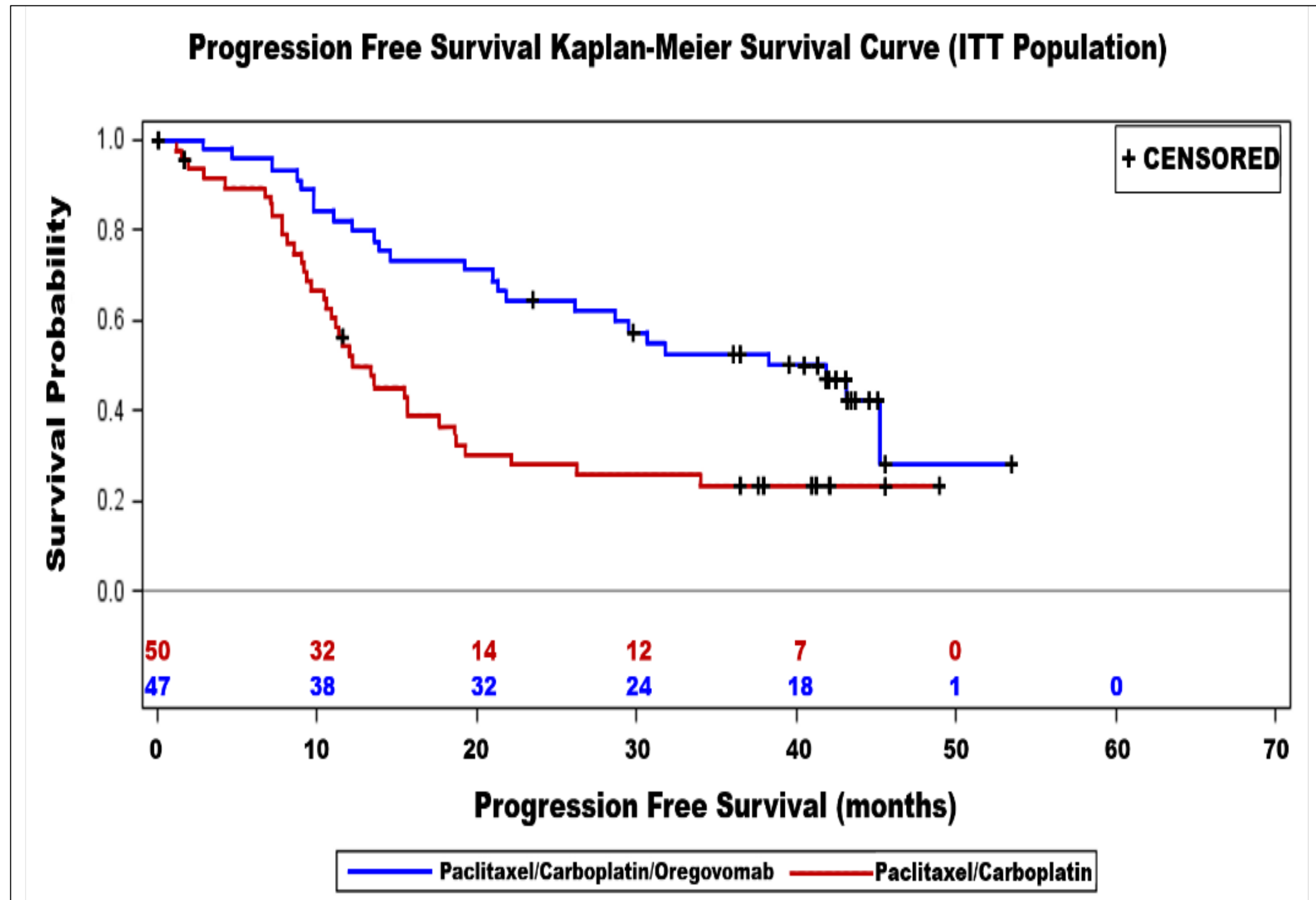
OR MAKE IT HOT



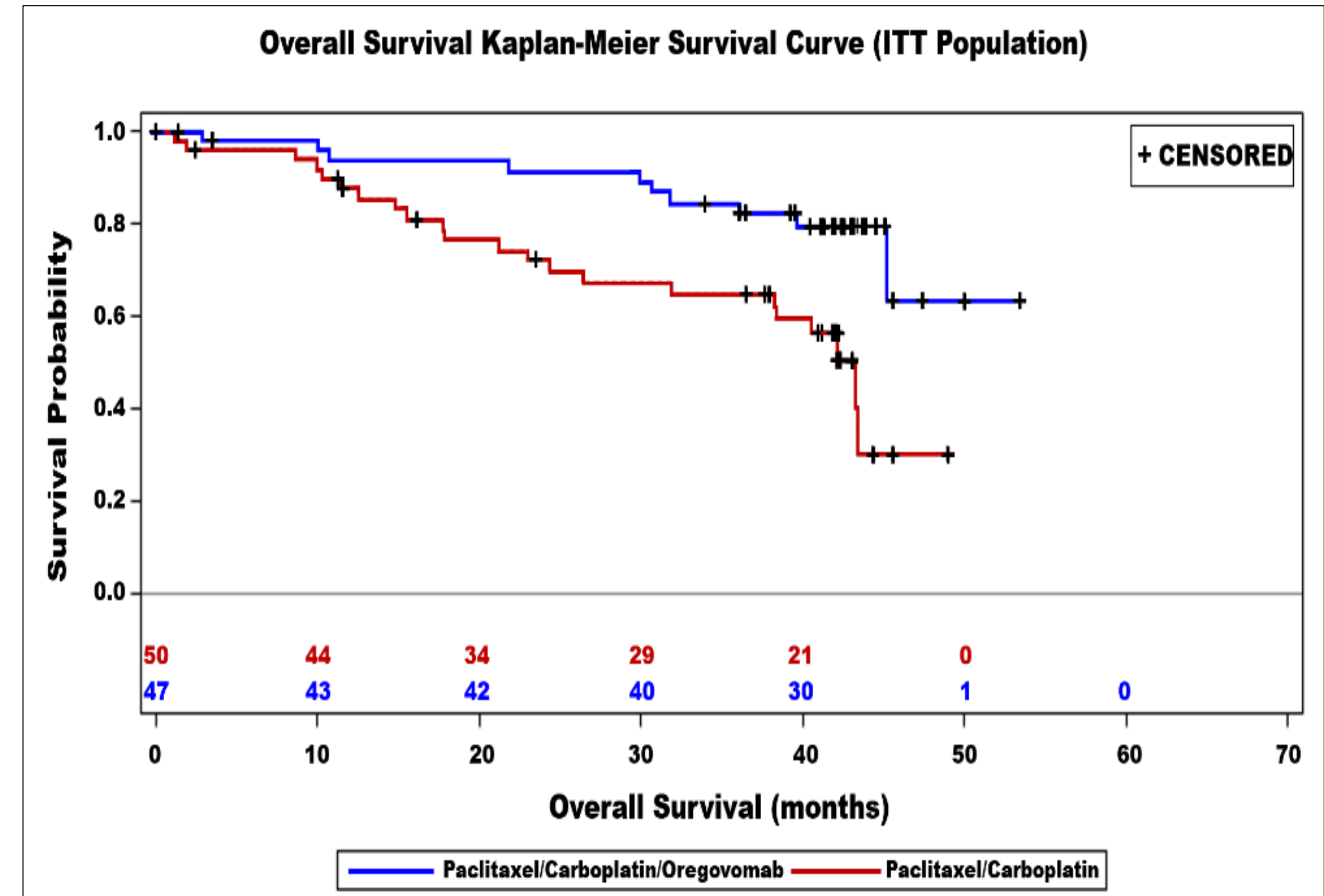
MADE TO
MEASURE



Phase 2 Randomized Clinical Trial Results (Oregovomab + Chemotherapy)



Median PFS 41.8 months (95% CI: 21.8 -NE) CPO arm and 12.2 months (95% CI: 10.4–18.6) CP arm; hazard ratio (HR) 0.46 (95% CI: 0.28–0.77), p=0.0027, log rank test



Median OS not yet estimable CPO arm, 43.2 months (95% CI: 31.8 - NE) CP arm; HR 0.35, (95% CI: 0.16–0.74) p=0.0043, log rank test

There were no differences in the overall safety pattern between the CPO and the CP patients.

FLORA-5/QPT-ORE-005/GOG 3035

Randomized Trial of Oregovomab and Chemotherapy in Newly Diagnosed Stage III & IV Ovarian, Primary Peritoneal, and Fallopian Tube Cancer

-Newly diagnosed stage III or IV epithelial ovarian, tubal, or peritoneal cancer

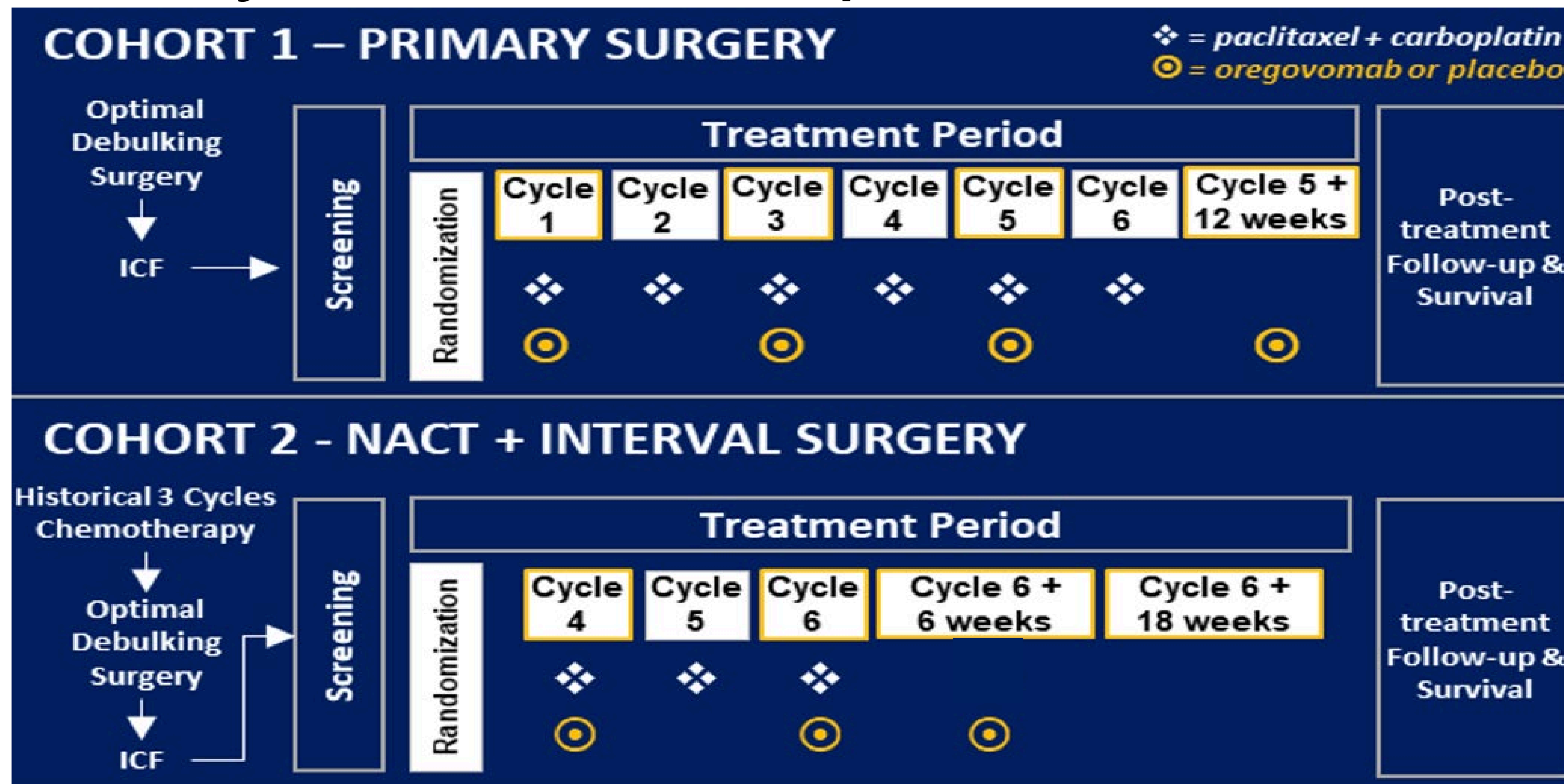
-BRCA wild-type

-ECOG PS 0-1

-Primary or interval cytoreductive surgery to R1 or R0

N=602

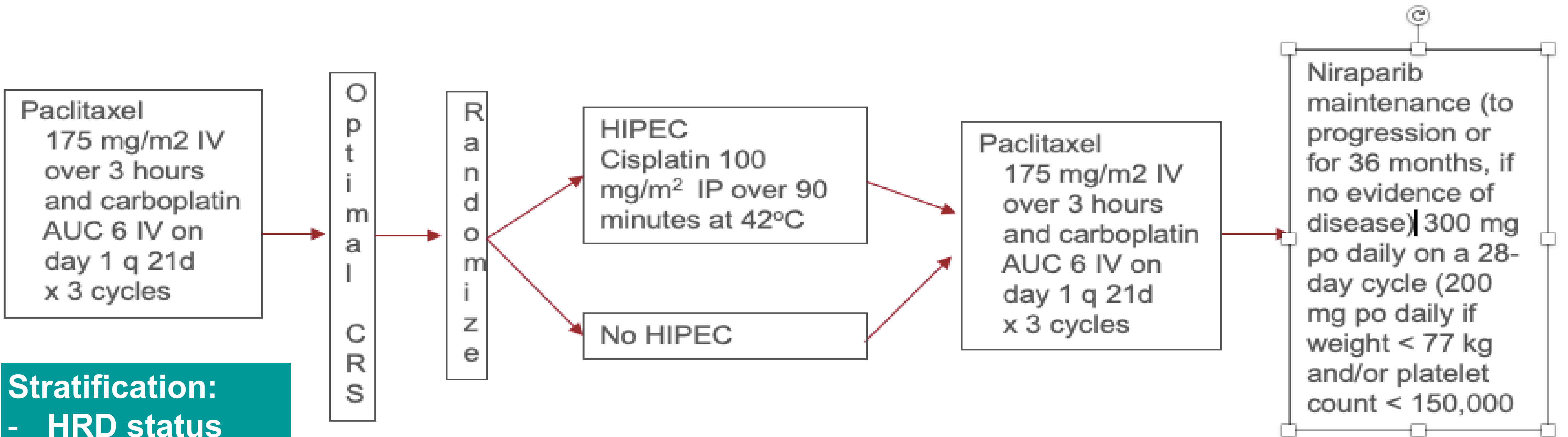
Cohort	Total Screened	In Screening	Screening Failure	Total Randomized
Cohort 1	394	9	141	244
Cohort 2	231	7	53	171



Primary endpoint: PFS – IA; Secondary endpoints: OS, Safety, QoL
Exploratory: iRECIST, TFST, TSST, PFS2, Biomarkers

HOTT/GOG 3068: HIPEC in Ovarian Treatment Trial

Randomized Trial of Hyperthermic Intraperitoneal Chemotherapy (HIPEC) with Cisplatin vs. no HIPEC at Time of Optimal Interval Cytoreductive Surgery followed by Niraparib Maintenance in Newly Diagnosed Stage III & IV Ovarian, Primary Peritoneal, and Fallopian Tube Cancer



Stratification:

- HRD status
- R0 vs R1
- Stage (III vs IV)

Primary endpoint: PFS

Secondary endpoints: OS, Toxicity, Prognostic effects of HRD, R0/1, Stage III/IV

THANK YOU

We **WIN** when we do it together . . .