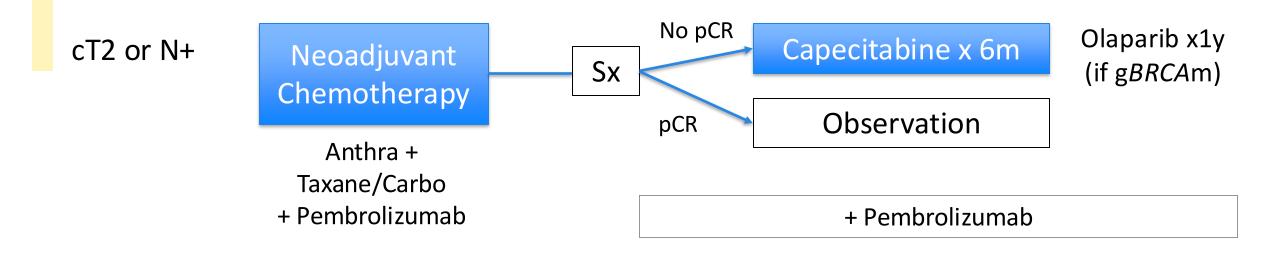


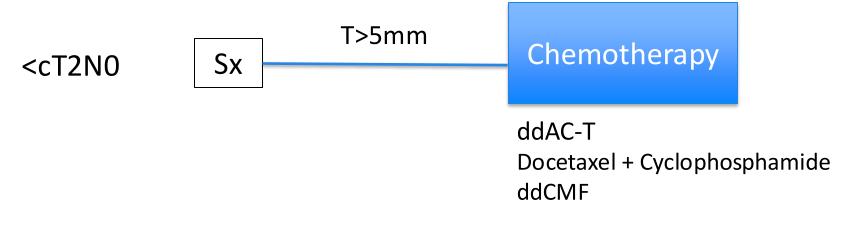
TNBC: Neoadjuvant Updates

Tiffany A. Traina, MD FASCO Associate Attending, Breast Medicine Service Vice Chair, Department of Medicine Section Head, TNBC Clinical Research Program Memorial Sloan Kettering Cancer Center Associate Professor, Weill Cornell Medicine



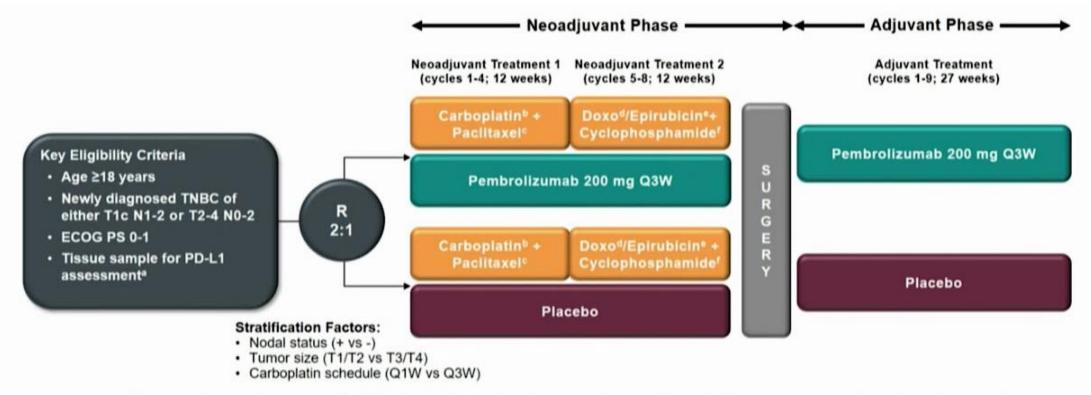
General Paradigm for Early-Stage TNBC







KEYNOTE-522: Neoadjuvant Pembrolizumab



Neoadjuvant phase: starts from the first neoadjuvant treatment and ends after definitive surgery (post treatment included)

Adjuvant phase: starts from the first adjuvant treatment and includes radiation therapy as indicated (post treatment included)

Primary Endpt = PCR and EFS

Secondary = PCR alternate def, OS, Endpoints by PD-L1 status, Safety

^{*}Must consist of at least 2 separate tumor cores from the primary tumor.

^bCarboplatin dose was AUC 5 Q3W or AUC 1.5 Q1W.

^{*}Paclitaxel dose was 80 mg/m2 Q1W.

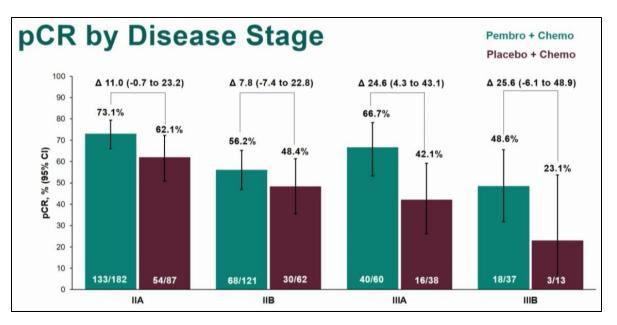
dDoxorubicin dose was 60 mg/m2 Q3W.

^{*}Epirubicin dose was 90 mg/m2 Q3W.

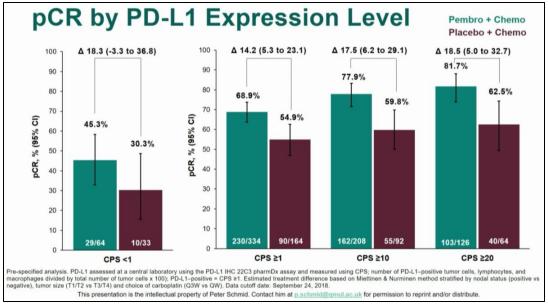
Cyclophosphamide dose was 600 mg/m2 Q3W.

KEYNOTE-522: Results

Bigger pCR∆ in LN+



Consistent pCR∆ across PD-L1

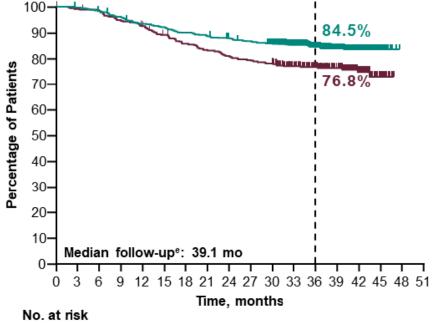


pCR: 64.8% vs. 51.2% (95% CI 5.4% -21.8%) p <0.001 Δ 13.6%

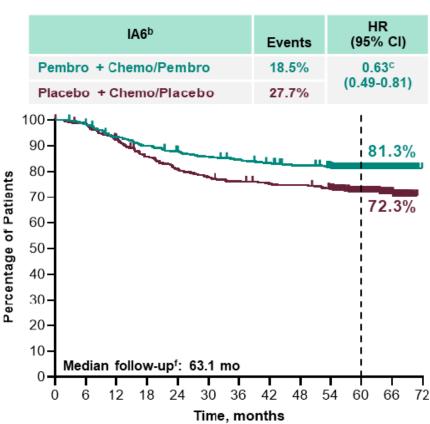


KEYNOTE-522: 37% Improvement in EFS

IA4 ^a	Events	HR (95% CI)	<i>P</i> -value
Pembro + Chemo/Pembro	15.7%	0.63°	0.00031 ^d
Placebo + Chemo/Placebo	23.8%	(0.48-0.82)	



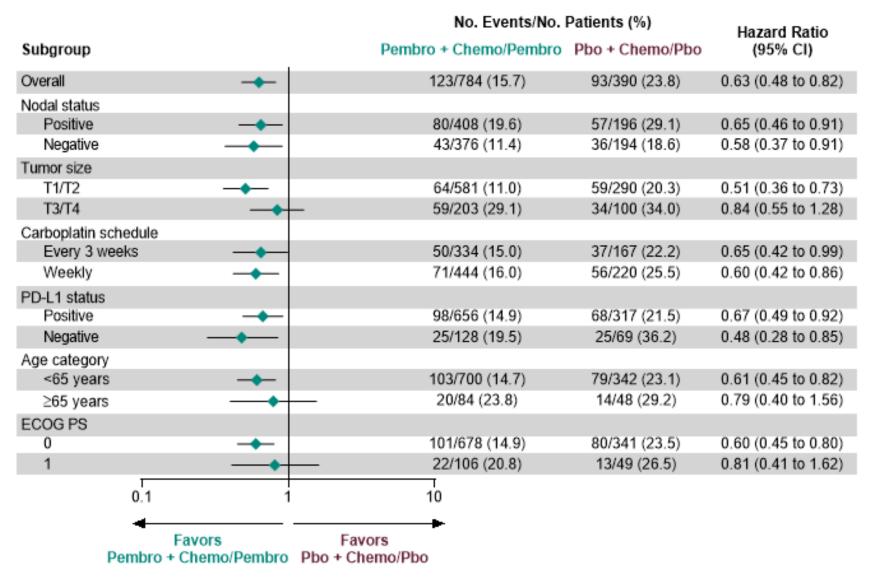
784 781 769 751 728 718 702 692 681 671 652 551 433 303 165 28 0 0 390 386 382 368 358 342 328 319 310 304 297 250 195 140 83 17 0 0





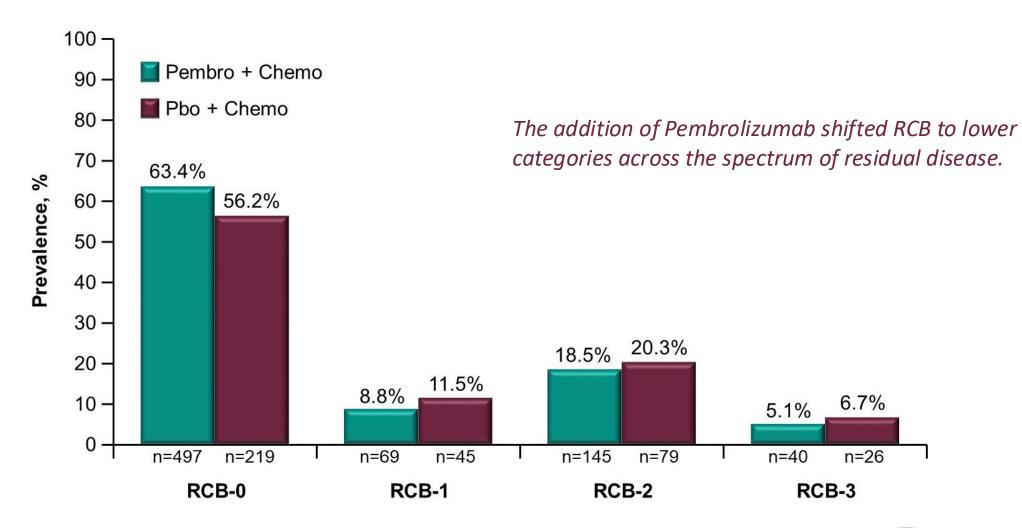


KEYNOTE-522: EFS in Patient Subgroups



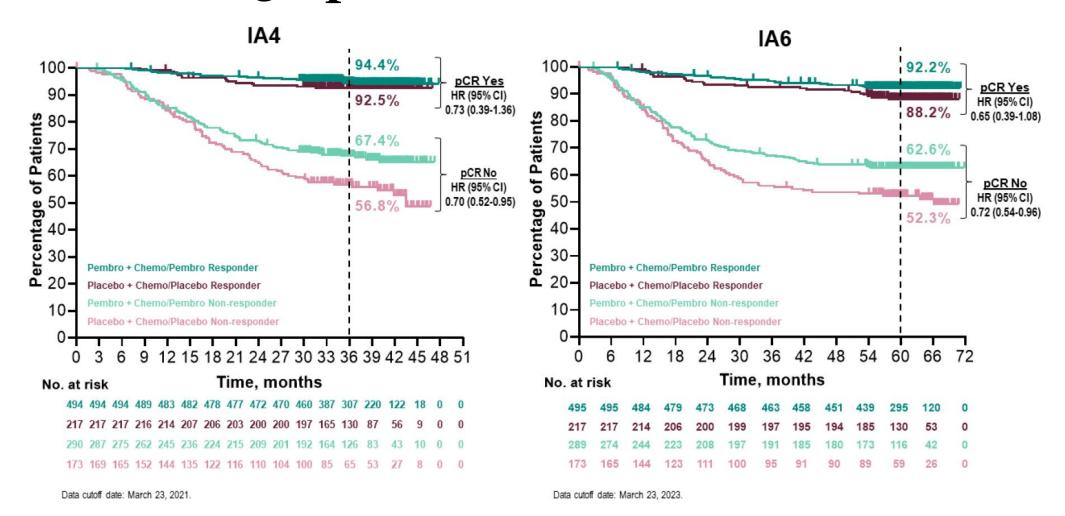


KEYNOTE-522: RCB Outcomes





Failure of pCR Is an Indicator of Poor Outcome ESMO 2023 Update



Memorial Sloan Kettering Cancer Center...

Pembrolizumab significantly improves OS!

The NEW ENGLAND JOURNAL of MEDICINE

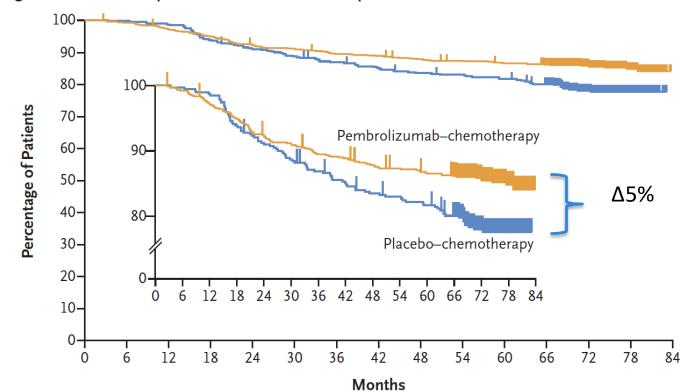
ORIGINAL ARTICLE

Overall Survival with Pembrolizumab in Early-Stage Triple-Negative Breast Cancer

Peter Schmid, M.D., Javier Cortes, M.D., Rebecca Dent, M.D.,
Heather McArthur, M.D., Lajos Pusztai, M.D., Sherko Kümmel, M.D.,
Carsten Denkert, M.D., Yeon Hee Park, M.D., Rina Hui, Ph.D.,
Nadia Harbeck, M.D., Masato Takahashi, M.D., Seock-Ah Im, M.D.,
Michael Untch, M.D., Peter A. Fasching, M.D., Marie-Ange Mouret-Reynier, M.D.,
Theodoros Foukakis, M.D., Marta Ferreira, M.D., Fatima Cardoso, M.D.,
Xuan Zhou, Ph.D., Vassiliki Karantza, M.D., Konstantinos Tryfonidis, M.D.,
Gursel Aktan, M.D., and Joyce O'Shaughnessy, M.D.,
for the KEYNOTE-522 Investigators*

- Median follow up 75.1 mo
- Estimated OS at 60m:
 - 86.6% (95% CI 84% to 88.8%)
 Pembro/CT vs. 81.7% (95% CI 77.5% to 85.2%) CT
 - p=0.002

Overall Survival According to Treatment Group in the Intention-to-Treat Population



Subgroup analysis for OS

B Subgroup Analyses of Overall Survival

Subgroup	Pembrolizumab— Chemotherapy no. of patients who	Placebo— Chemotherapy died/total no. (%)	Difference in 5-Year Overall Surviv	val (95% CI)
Overall	115/784 (14.7)	85/390 (21.8)		4.9 (0.3 to 9.4)
Nodal status				
Positive	78/408 (19.1)	56/196 (28.6)	—	7.2 (0.0 to 14.3)
Negative	37/376 (9.8)	29/194 (14.9)	+	2.9 (-2.5 to 8.2)
Tumor size				
T1 to T2	54/580 (9.3)	51/290 (17.6)		5.1 (0.5 to 9.6)
T3 to T4	61/204 (29.9)	34/100 (34.0)		4.5 (-6.5 to 15.5)
Carboplatin schedule				
Every 3 wk	46/334 (13.8)	36/167 (21.6)		4.7 (-2.1 to 11.6)
Weekly	68/444 (15.3)	49/220 (22.3)		5.2 (-0.8 to 11.3)
PD-L1 status				
CPS ≥1	92/656 (14.0)	62/317 (19.6)		3.5 (-1.4 to 8.3)
CPS <1	23/128 (18.0)	23/69 (33.3)	—	11.9 (-0.4 to 24.2)
Age				
<65 yr	93/700 (13.3)	72/342 (21.1)	—	5.0 (0.3 to 9.7)
≥65 yr	22/84 (26.2)	13/48 (27.1)	-20 -10 0 10 20 30	2.4 (-12.8 to 17.6)
			Placebo- Pembrolizumab- Chemotherapy Chemotherapy Better Better	



KN522 is Standard of Care ... Yet Questions Remain

- Optimal chemotherapy backbone?
- Do we need adjuvant pembrolizumab?
- How to best address patients with residual disease?

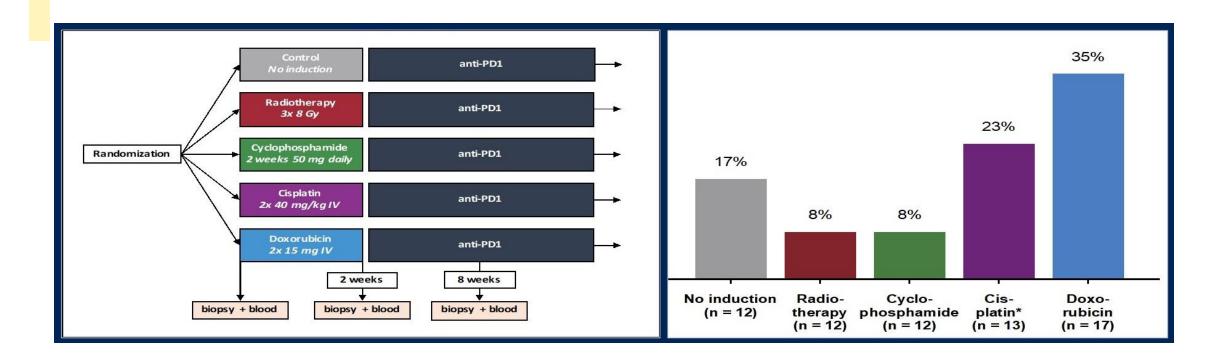


KN522 is Standard of Care ... Yet Questions Remain

- Optimal chemotherapy backbone?
- Do we need adjuvant pembrolizumab?
- How to best address patients with residual disease?



Does chemotherapy backbone matter in the combination treatment with ICI?

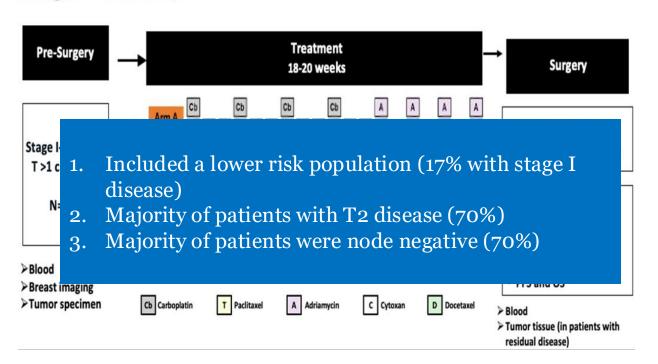


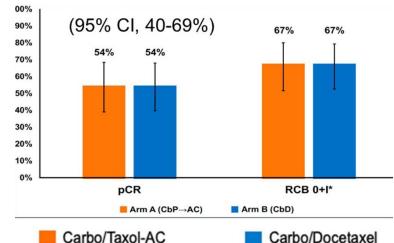
Induction with doxorubicin or cisplatin appeared to upregulate immune related genes

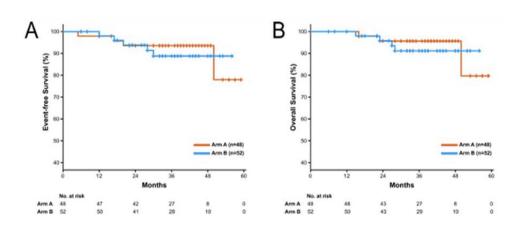


NeoSTOP: Can we omit anthracycline-based chemotherapy?

NeoSTOP (Neoadjuvant Study of Two Platinum Regimens in Stage I–III TNBC)

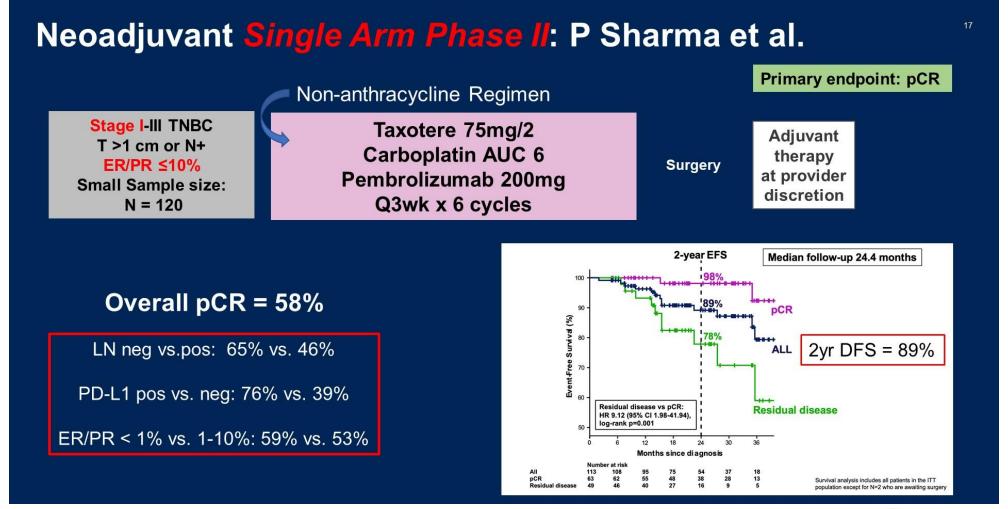








NeoPACT: Can we omit anthracycline-based chemotherapy?

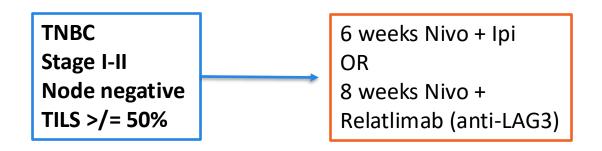


Where does NeoPACT fit with other ICI Neoadjuvant Trials?

	GeparNuevo	KN-522	Impass-031	NeoTRIP	iSPY	NeoPACT
N	174	1174	333	280	69/181	150 (single arm)
Target	PD-L1	PD-1	PD-L1	PD-L1	PD-1	PD-1
Stage	35% stage 1	2/3	2/3	Incl N3	2/3	61% N neg
Anthracycline	Yes	Yes	Yes	No	Yes	No
Platinum	No	Yes	No	Yes	No	Yes
pCR (ITT)	58%	65%	58%	44%	60%	58%
△pCR	9%	14%	17%	3%	22-66%	N/A
EFS (HR)	0.48 (0.24-0.97)	0.63 (0.43-0.93) (p=.00031)	0.76 (0.4-1.44) (ns)	TBD	N/A	N/A
EFS	3-yr DFS 85.6%	3-yr DFS 84.5%	TBD	TBD	N/A	2-yr DFS 89%



Can we eliminate neoadjuvant chemotherapy altogether?



	Nivo/Ipi	Nivo/Rela
PCR	5/15 (33%)	7/15 (47%)
MRI Response	8/15 (53%	11/15 (73%)



NeoTALA: Phase 2 Trial

gBRCA1/2 mutation St I – III, TNBC Open-label, single arm N = 61

Talazoparib 1mg daily x24 weeks

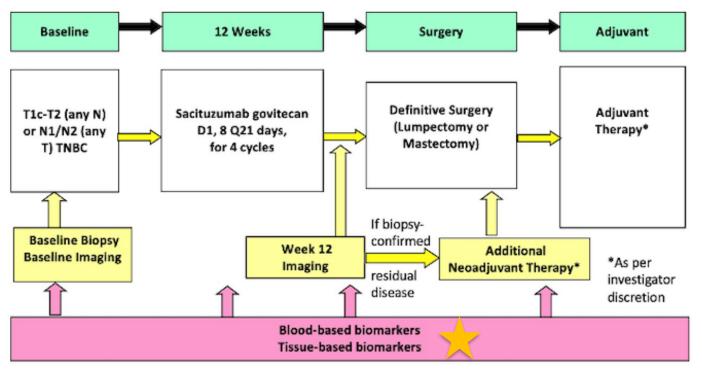
Primary Endpoint = pCR EFS and OS immature and not powered

	Evaluable population	ITT population
	(N=48)	(N=61)
pCR by ICR, n (%) [95% CI]	22 (45.8) [32.0, 60.6]	30 (49.2) [36.7, 61.6]
pCR by INV, n (%) [95% CI]	22 (45.8) [32.0, 60.6]	29 (47.5) [35.0, 60.1]
RCB by ICR, n (%) [95% CI]		
RCB 0	22 (45.8) [30.0, 62.6]	30 (49.2) [34.0, 64.5]
RCB I	0	1 (1.6) [0.2, 12.1]
RCB II	15 (31.3) [18.0, 48.5]	17 (27.9) [16.1, 43.7]
RCB III	0	0
Missing	11 (22.9) [11.8, 39.8]	13 (21.3) [11.2, 36.7]

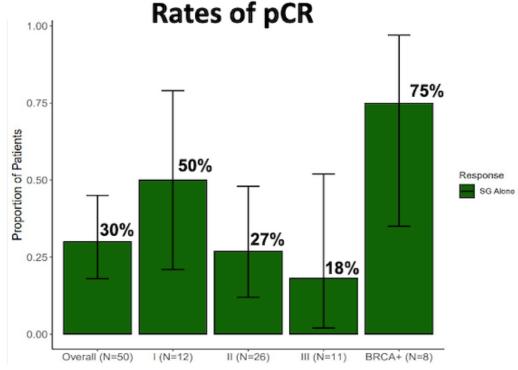


NeoSTAR: Neoadjuvant Sacituzumab

CLINICAL TRIAL DESIGN



pCR = 30%





NeoSTAR: Future Directions

- pCR 30% for 4 cycles of single agent worthy of further exploration
 promising in context of single agent
- pCR 75% in gBRCA intriguing but small sample size. Needs prospective validation.
- Would methylated BRCA or somatic BRCA behave similarly? Other DDR genes?
- Biomarkers of response? Better synergistic partners?
- Ongoing studies: looking at PARPi + Sacituzumab; IO + ADCs;
 Sacituzumab in RD

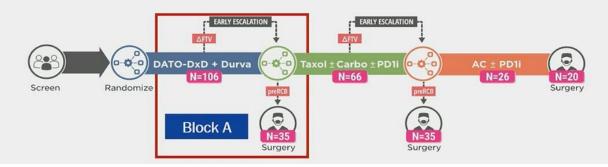


DatoDxd + Durvalumab graduated in I-SPY2.2

Key Takeaways

ASCO 2024

- ISPY 2.2 is a novel neoadjuvant trial for Mammaprint high-risk, Stage 2/3 BC that offers the opportunity to personalize treatment to maximize pCR rate for each individual patient.
- Dato + Durva for 4 cycles (Block A) was effective and allowed 33% of patients to go straight to surgery and skip traditional chemotherapy (i.e. skip taxane ->AC)
- Dato + Durva was particularly effective in the Immune+ response predictive subtype
 - 43% of patients in the immune subtype achieved a pCR after Block A (most conservative estimate)
 - The modeled pCR rate, based on all data after Block A, is 65%
- Reported toxicity profile of this combination was consistent with prior studies



Other Neoadjuvant Trials of Interest

	Study drugs	Primary Endpoint
NCT04443348 (N = 120)	TBCRC 053: Pembrolizumab + RT prior to KN522 regimen in LN+ TNBC	Change in TILS pCR in LN
NCT05203445 (N = 23)	Olaparib + Pembro in gBRCA+ (TNBC or HR+HER2- BC)	Bx confirmed radiographic CR on MRI Secondary pCR/RCB0
NCT04584255 (N=62)	TBCRC 056 Niraparib + Dostarlimab in <i>gBRCA+</i> (TNBC or HR+HER2- BC)	Change in TILs pCR
NCT06112379	TropionBreast04: Ph III DatoDxd + Durva vs. Chemo + Pembro in ST II-III TNBC	pCR and EFS

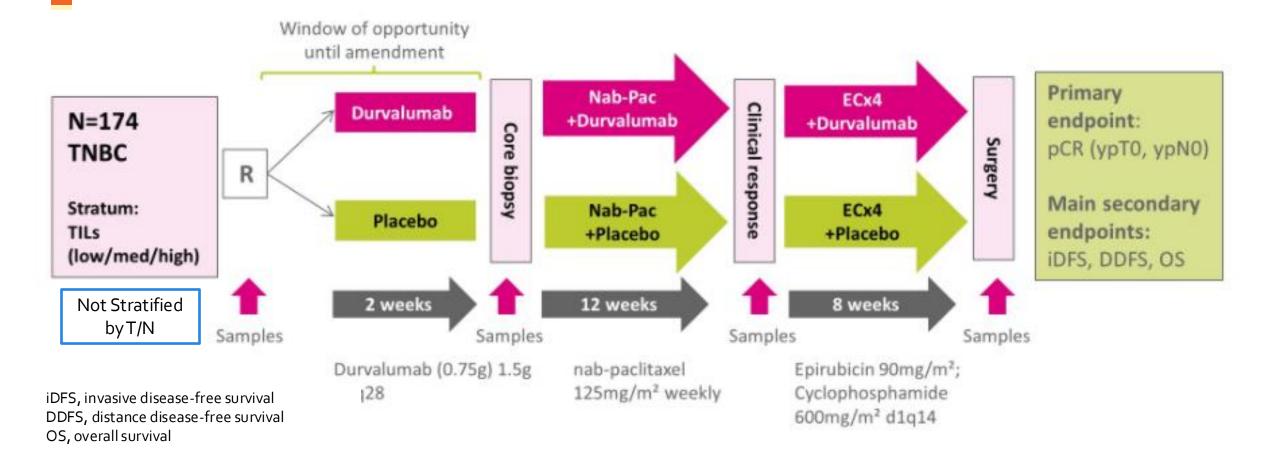


KN522 is Standard of Care ... Yet Questions Remain

- Optimal chemotherapy backbone?
- Do we need adjuvant pembrolizumab?
- How to best address patients with residual disease?



GeparNUEVO



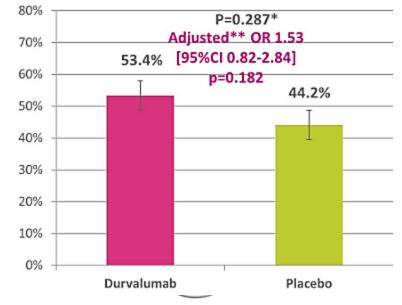


GeparNUEVO: Primary Endpoint pCR

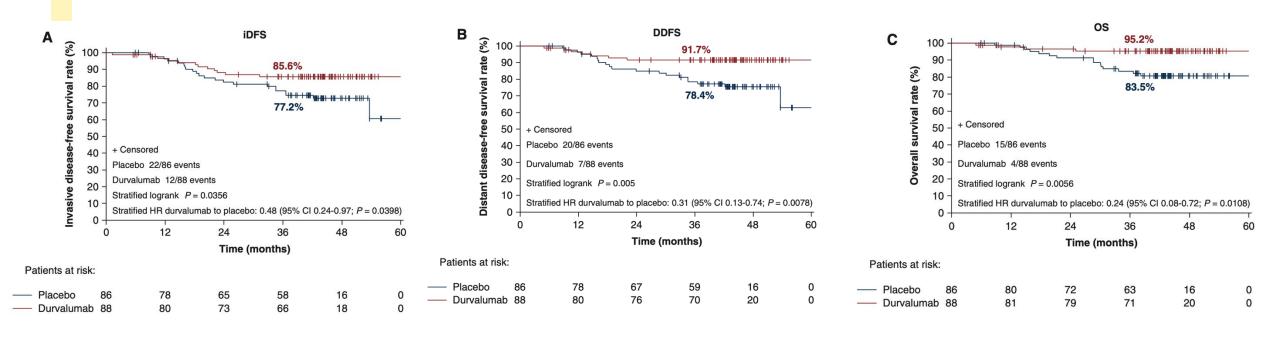
	Durvalumab N=88 N(%)	Placebo N=86 N(%)
Age (yrs), median (range)	49.5 (25.0, 74.0)	49.5 (23.0, 76.0)
cT3/4	7 (8.0)	3 (3.5)
cN+	27 (30.7)	27 (31.4)
Stage IIA and higher	56 (63.6)	57 (66.3)
G3	74 (84.1)	71 (82.6)
TILs		
low (0-10%)	34 (38.6)	32 (37.2)
intermediate (11-59%)	42 (47.7)	41 (47.7)
high (≥60%)	12 (13.6)	13 (15.1)
Durvalumab/placebo alone (window)	59 (67.0)	58 (67.4)

- Primary endpoint was pCR at surgery
- iDFS, DDFS and OS were secondary endpoints
- Statistical considerations
 - The time-to-event-analysis was changed from an initially planned eventdriven analysis at 43 events (to detect HR=0.773 with 13.5% power) to a time-driven analysis after 3.5 years median follow-up.
 - No adjustment for multiple testing

Primary endpoint: pCR – ypT0, ypN0



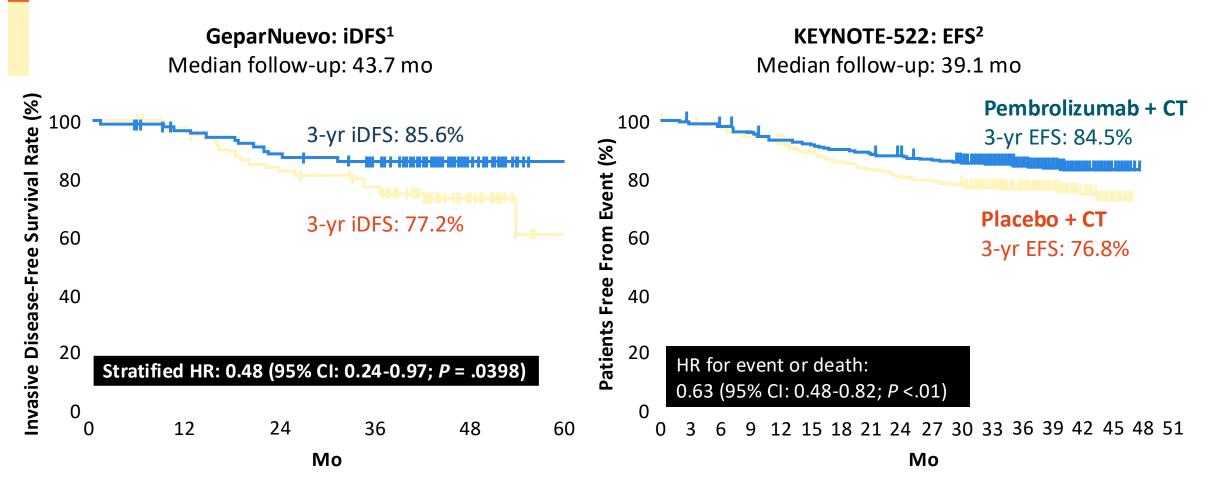
GeparNUEVO – Other Efficacy Endpoints



Median Follow-up 44 months



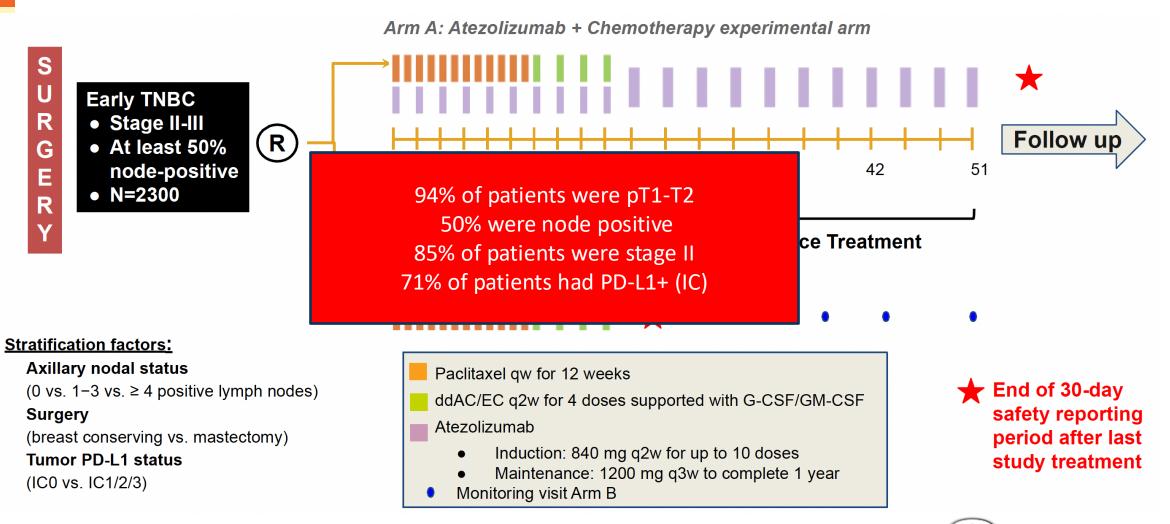
Is All the IO Benefit Conferred With Neoadjuvant Administration?



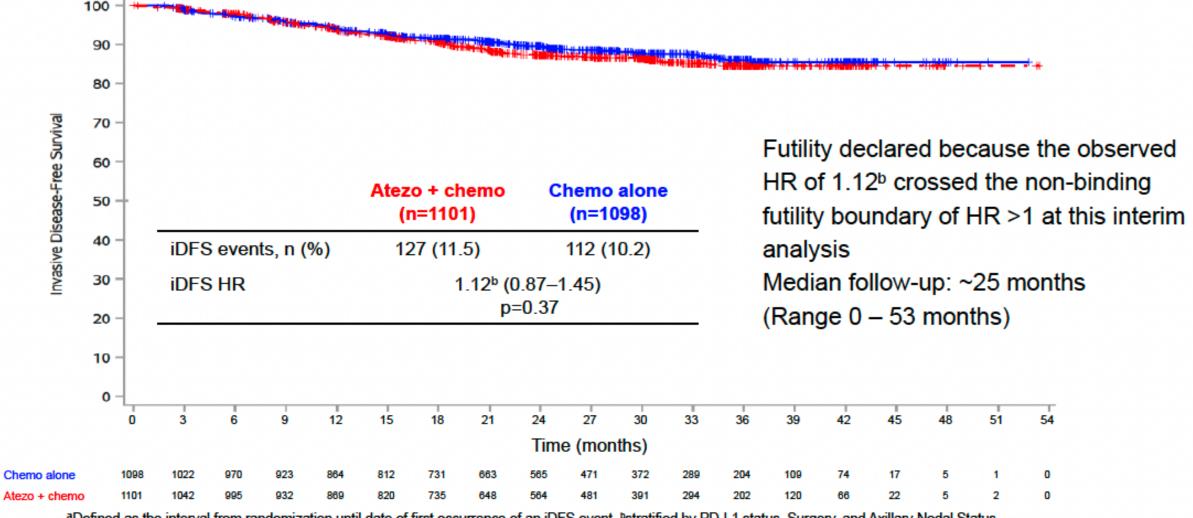
Is all the benefit from IO conferred with neoadjuvant administration?



IMpassion 030: Phase 3 Study Design



Primary Efficacy Endpoint: iDFS (ITT population)



^aDefined as the interval from randomization until date of first occurrence of an iDFS event, ^bstratified by PD-L1 status, Surgery, and Axillary Nodal Status

iDFS subgroup analysis (ITT population)

		Atezoli: + Cho (N=1)	emo	Chei Aloi (N=10	ne			Atezolizumab + Chemo Alone better
Baseline Risk Factors	Total n	n	Median (Months)	n	Median (Months)	Hazard Ratio	95% Wald CI	
All Patients	2199	1101	NE	1098	NE	1.13	(0.87, 1.45)	•
PD-L1 Status (IxRS) IC 0 IC 1/2/3	632 1567	316 785	NE NE	316 782	NE NE	1.32 1.03	(0.87, 2.01) (0.75, 1.43)	
Primary Tumor Stage at First Diagnosis (Groupe pT1-pT2 pT3 Other	d) 2069 122 8	1024 71 6	NE NE 23.7	1045 51 2	NE NE NE	1.15 0.81 0.66	(0.88, 1.51) (0.35, 1.86) (0.06, 7.54)	
Axillary Nodal Status (IxRS) 0 1-3 >=4	1150 780 269	577 390 134	NE NE NE	573 390 135	NE NE NE	0.81 1.69 1.12	(0.54, 1.22) (1.08, 2.64) (0.68, 1.85)	+■
AJCC Stage at Surgery (Grouped) Stage II Stage III Other	1875 318 6	935 161 5	NE NE NE	940 157 1	NE NE NE	1.15 1.03 >999.99	(0.85, 1.56) (0.64, 1.65) (0.00, NE)	<
Pooled Age Group 1 <65 >=65	1820 379	916 185	NE NE	904 194	NE NE	0.95 2.33	(0.71, 1.26) (1.28, 4.24)	
Baseline ECOG Assessment Score 0 1	1782 417	887 214	NE NE	895 203	NE NE	1.15 1.06	(0.87, 1.51) (0.58, 1.95)	
lazard ratios and the associated Wald confid			mated using <i>u</i>	nstratified (Cox regression	n.		1/100 1

The vertical dashed line indicates the hazard ratio for all patients.

For now.... NO ROLE for adjuvant immunotherapy in early stage TNBC.

A-BRAVE (n=514)

High Risk TNBC patients who completed locoregional and systemic treatment with curative intent

Key eligibility criteria:

- · Age ≥18 years
- ECOG PS 0-1
- TNBC (ER & PgR <10%, HER2 0-1+ or 2+ FISH-)^
- · Anthracycline and taxane (neo)-adjuvant ChemoRx
- Tissue samples for central PD-L1 assessment
- · Randomization <10 weeks from last chemo or surgery
- Stratum A (Adjuvant): pT2N1, pT3-4 N0-3, pN2-3 anyT#
- Stratum B (Post-neoadjuvant): residual invasive carcinoma in the breast and/or axillary lymph nodes§*

R 1:1 N=477

Avelumab 10mg/kg, iv, q 2 weeks for 52 weeks

Observation

In case of ER 1-9%, adjuvant HT allowed at discretion of treating physicians. Whenever indicated, radiotherapy allowed concomitantly with avelumab.

^for patients in the neoadjuvant stratum, TN status required in the preoperative and in the post-surgical specimen

#trial initially limited to pN≥2; protocol amendment in 10/2017 to include patents with pT2N1 and pT3-4 N0-3 disease stage § excluding ypT1micN0, ypT1micN0i+, ypT0N0i+

* After amendment on 06/2018, patients in stratum B were allowed to receive additional post-operative chemotherapy and were randomized at completion of treatment.

Randomization balanced for Stratum A and Stratum B.

Primary Efficacy Endpoints

- DFS
- DFS in Stratum B (post-neoadjuvant)

- Secondary Efficacy Objectives
- -OS
- -DFS in PD-L1 positive patients

Designed and conducted pre-KEYNOTE 522.



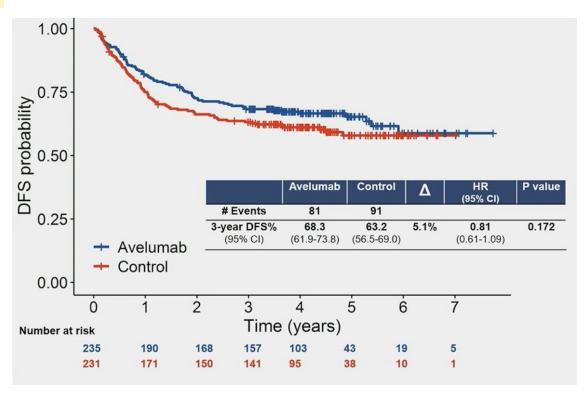
A-BRAVE: Patient Characteristics

Patient characteristics		Avelumab (n= 235)	Control (n= 231)
Age, median (range)		50.9 (28.3-78.6)	51.9 (28.8-79.9)
ER & PgR <10%, n (%)		231 (98.3)	226 (97.8)
HER2 status, n (%)	0 1+/2+ (ISH neg)	150 (64.1) 84 (35.7)	147 (63.9) 83 (35.9)
gBRCA status, n (%)	gBRCA mutated	24 (10.2)	27 (11.7)
Adjuvant (Stratum A)		40 (17.8)	43 (18.6)
AJCC stage at surgery, n (%)	II III	20 (50.0) 20 (50.0)	22 (51.2) 21 (48.8)
Post-neoadjuvant (Stratum B)		195 (83.0)	188 (81.4)
AJCC stage at surgery, n (%)	ypT1 & ypN0 ≥ypT2 & ypN0 any ypT & ypN1 any ypT & ≥ ypN2	93 (47.7) 31 (15.9) 49 (25.1) 22 (11.3)	85 (45.2) 38 (20.2) 42 (22.3) 23 (12.2)
RCB, n (%)	RCB 1 RCB 2 RCB 3 Under evaluation	8 (4.1) 98 (50.3) 26 (13.1) 63 (32.3)	17 (9.0) 77 (41.0) 18 (9.6) 76 (40.4)
Adjuvant capecitabine, n(%)*		57 (24.2)	42 (18.2)

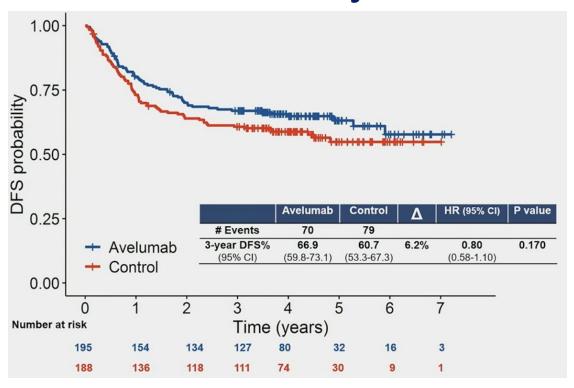


A-BRAVE DFS (ITT and Post-Neo)





Post-Neoadjuvant

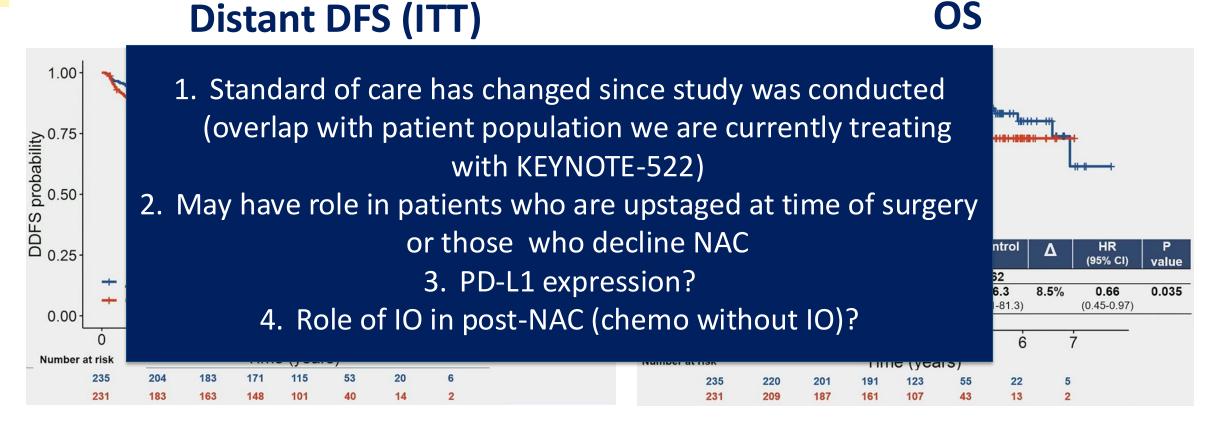


Median FU 52 months, 72% patients completed treatment.



A-BRAVE Distant DFS and OS

30% reduction in risk of distant metastases and 34% reduction in risk of death



For Now... Adjuvant Pembrolizumab following Neoadjuvant Pembrolizumab is Standard of Care

01

Pembrolizumab as part of the KN522 regimen is the only FDA-approved checkpoint inhibitor in early-stage TNBC

02

The KN522 regimen includes both neoadjuvant AND adjuvant pembrolizumab

03

Adjuvant pembrolizumab appears to benefit both those with residual disease and those with pCR

04

Neoadjuvant and adjuvant pembrolizumab together are associated with improved overall survival

05

Supported by NCCN and ASCO guidelines

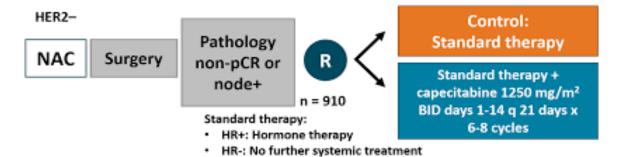


KN522 is Standard of Care ... Yet Questions Remain

- Optimal chemotherapy backbone?
- Do we need adjuvant pembrolizumab?
- How to best address patients with residual disease?



CREATE-X Trial: Adjuvant capecitabine in those who fail pCR



Pathological-effect grade — no./total no. (%)∫		
0	19/434 (4.4)	13/435 (3.0)
la or lb	232/434 (53.5)	220/435 (50.6)
2 or 3	183/434 (42.2)	202/435 (46.4)
No. of lymph nodes involved on histologic assessment — no. (%)		
0	176 (39.7)	171 (38.5)
1–3	165 (37.2)	174 (39.2)
≥4	102 (23.0)	99 (22.3)
Adjuvant endocrine therapy — no. (%)		
Yes	298 (67.3)	304 (68.5)
No	145 (32.7)	140 (31.5)
Radiotherapy — no. (%)¶		
Yes	321 (72.5)	326 (73.4)
No	122 (27.5)	118 (26.6)

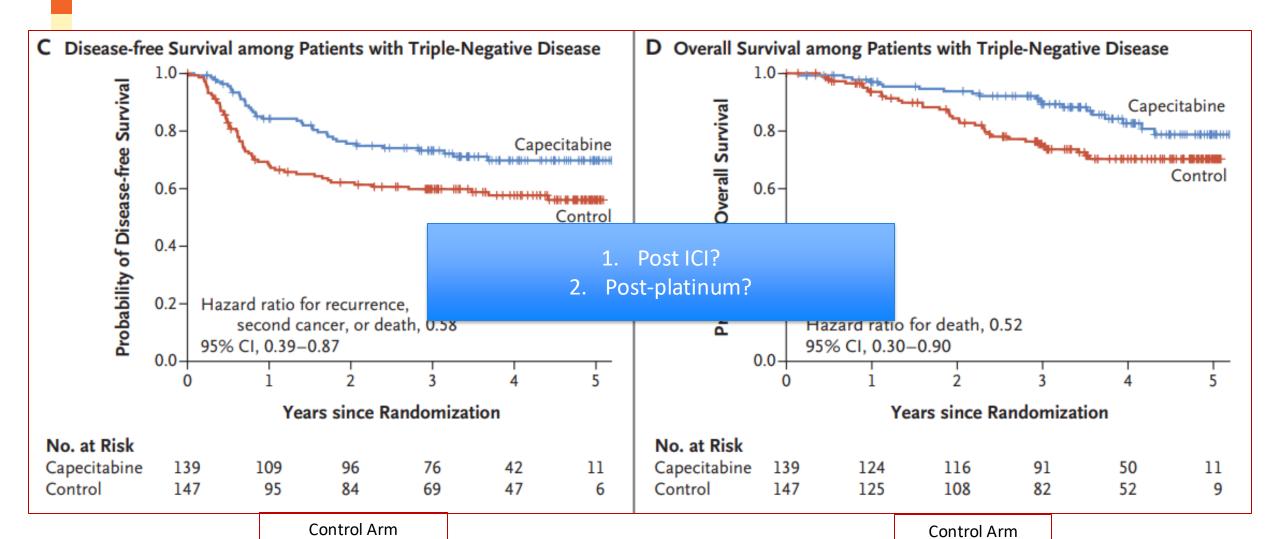
Table 1. Characteristics of the Patients at Baseline.*		
Characteristic	Capecitabine Group (N = 443)	Control Group (N = 444)
Age at enrollment — yr		
Median	48	48
Range	25-74	25-74
Menopausal status — no. (%)		
Premenopausal	262 (59.1)	248 (55.9)
Postmenopausal	181 (40.9)	196 (44.1)
Body-mass index†		
Median	22.6	23.0
Range	15.6-39.9	15.6-41.2
Tumor size at diagnosis — no./total no. (%)		
≤2 cm	68/442 (15.4)	61/444 (13.7)
>2 to ≤5 cm	244/442 (55.2)	275/444 (61.9)
>5 cm	65/442 (14.7)	69/444 (15.5)
Skin or chest-wall infiltration of any size — no./total no. (%)	65/442 (14.7)	39/444 (8.8)
Hormone-receptor status — no. (%)		
Estrogen-receptor positive or progesterone-receptor positive	304 (68.6)	297 (66.9)
Estrogen-receptor negative and progesterone-receptor negative	139 (31.4)	147 (33.1)
Neoadjuvant chemotherapy — no. (%)		
Sequential anthracycline and taxane	357 (80.6)	372 (83.8)
Concurrent anthracycline and taxane	63 (14.2)	53 (11.9)
Anthracycline-containing chemotherapy only or docetaxel and cyclophosphamide only	23 (5.2)	19 (4.3)
Fluorouracil plus anthracycline:	262 (59.1)	271 (61.0)



DFS & OS in TNBC

5-year DFS: 56.1%

Prolonged with capecitabine



5-year OS: 70.3%

Masuda N et al. N Engl J Med. 2017;376:2147-2159.

Platinum vs. Cape in RD: ECOG-ACRIN EA1131

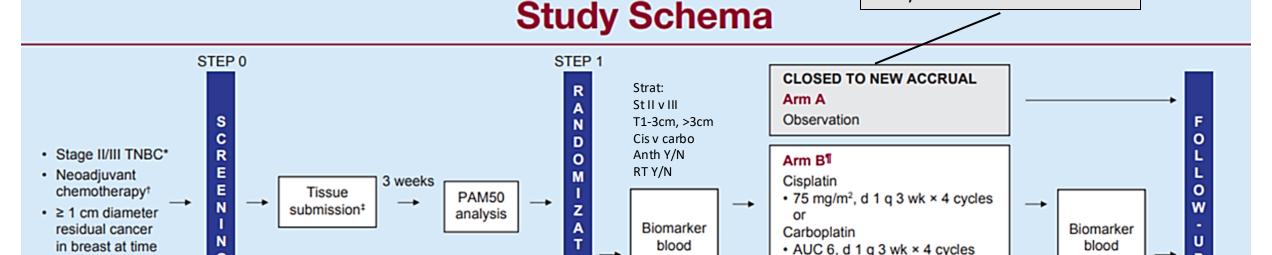
* 5 patients randomized prior to CREATE-X driven amendment excluded from analysis

collection

and PRO

Memorial Sloan Kettering

Cancer Center...



collection

and PRO

Arm C

Capecitabine 1000 mg/m² bid,

d 1-14 q 3 wk x 6 cycles

Primary Endpoint: iDFS in basal subtype TNBC by PAM50

Statistics: Noninferiority design with superiority alternative, assuming 4y iDFS 67% with capecitabine

Noninferiority margin HR 1.154

Planned enroll N=775 \rightarrow 562 basal \rightarrow 196 events for 83% power, 1-sided alpha 0.025 to reject H0 of inferiority of platinum if 4y iDFS was at least 74% (ie, HR 0.754)

platifium if 4y IDFS was at least 74% (le, fix 0.754

of definitive surgery

<24 weeks from tx

ER/PgR < 10%

N = 410

Platinum vs. Cape in RD: ECOG-ACRIN EA1131

- Tumor characteristics
 - cT2+ 90%; cN0 42% cN1+55%
 - Median ypT 2.4cm
 - ypN+ 54%
- Patient characteristics:
 - Prior taxane 100%;
 anthracycline 85%
 - Other neoadj tx 39%

- 82% completed platinum;
 79% completed capecitabine
- Gr 3 or 4 tox: Platinum 26%
 vs. Cape 15%

Platinum: Common Gr 1-2 Anemia, Nausea, Dec WBC, Neuropathy; ≥Gr 3 Dec WBC (10%), Thrombocytopenia (7%), Neutropenia (4%), Anemia (7%), Fatigue (2%)

Capecitabine: Common diarrhea, nausea, HFS, Anemia; ≥Gr 3

Capecitabine: Common diarrhea, nausea, HFS, Anemia; ≥Gr 3 HFS (5%), diarrhea (6%), colitis (2%), fatigue (2%)

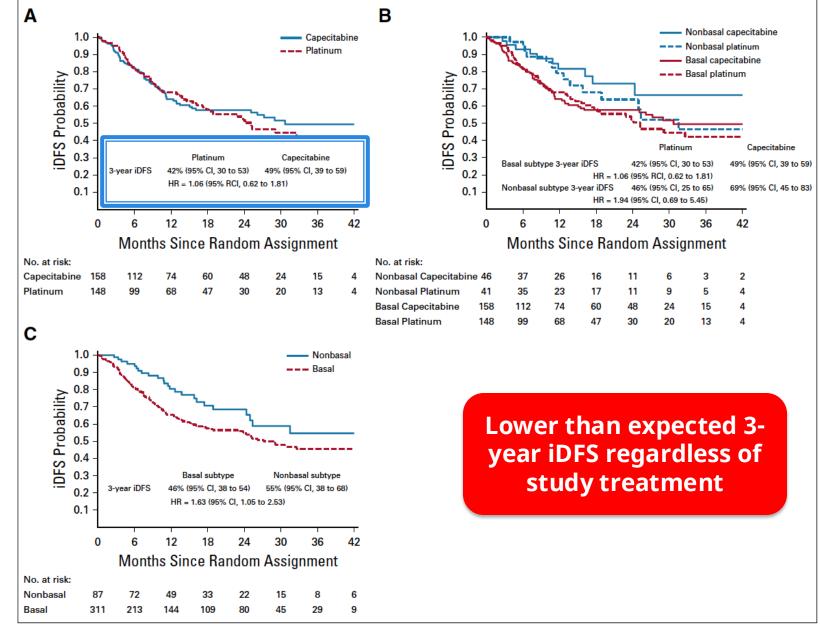


ECOG/ACRIN 1131: Results

DSMC recommended stopping trial

3y iDFS platinum vs cape HR 1.09 (95% CI 0.62-1.90)

Grade 3 and 4 toxicities were more common with platinum agents.



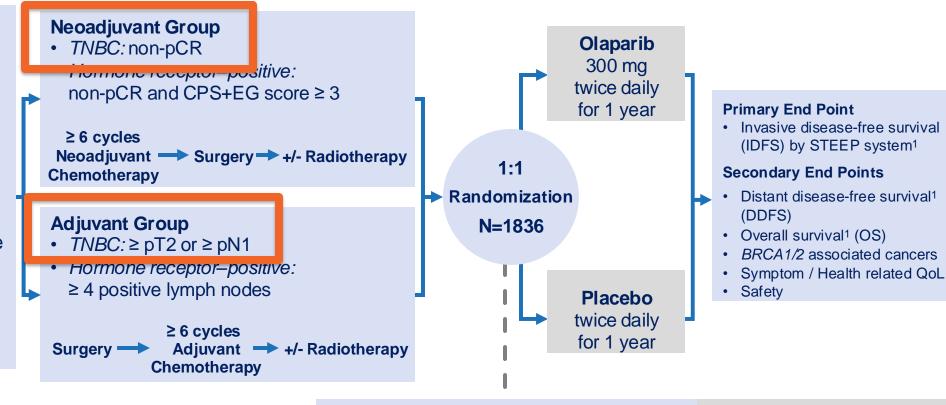
ECOG-ACRIN EA1131

- Platinum agents are not likely to be non-inferior or superior to capecitabine as adjuvant therapy for high-risk, basal TNBC with residual ds after NAC
- 3-year iDFS was quite poor in both arms (~42-49%)
- Different population than CREATE-X which was all Asian, allowed any volume of residual ds and did not specify by molecular subtype
 - TNBC: 5y DFS 69% vs. 56%; 5y OS 79% vs. 70%
- Why was this an unexpected "negative" trial?
 - Does residual disease after NAC reflect genomics/epigenomics of MBC setting in terms of reduced BRCA1/2 methylation?
 - Duration of therapy capecitabine 18 weeks vs. platinum 12 weeks? Delays in initiation of treatment
- Await biomarker analyses but NO role for adjuvant platinum in those with residual disease. Capecitabine remains SOC



OlympiA: Olaparib for gBRCA-associated breast cancer

- Local genetic testing or on-study central screening (Myriad Genetics Inc.)
- Germline pathogenic or likely pathogenic BRCA1/2 mutation
- HER2-negative (hormone receptor-positive or TNBC)
- Stage II-III Breast Cancer or lack of PathCR to NACT



TNBC 82%

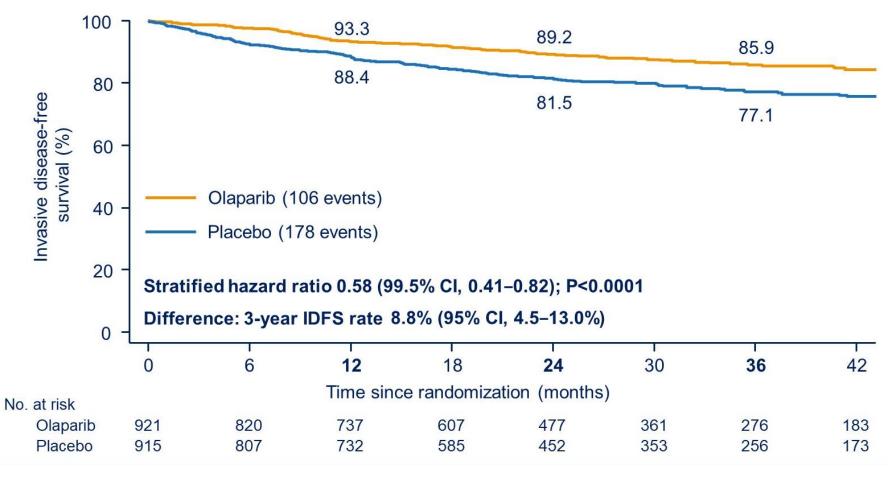
Stratification Factors

- Hormone receptor–positive vs. TNBC
- Neoadjuvant vs. adjuvant
- · Prior platinum-based chemotherapy (yes vs. no)

Concurrent Adjuvant Therapy

- Endocrine therapy
- Bisphosphonates
- No 2nd Adjuvant Chemotherapy

OlympiA: Invasive disease-free survival (ITT)



Type of 1st iDFS Event:

Distant CNS event 2.4% vs. 3.9%

Locoregional 1.7% vs. 2.5%

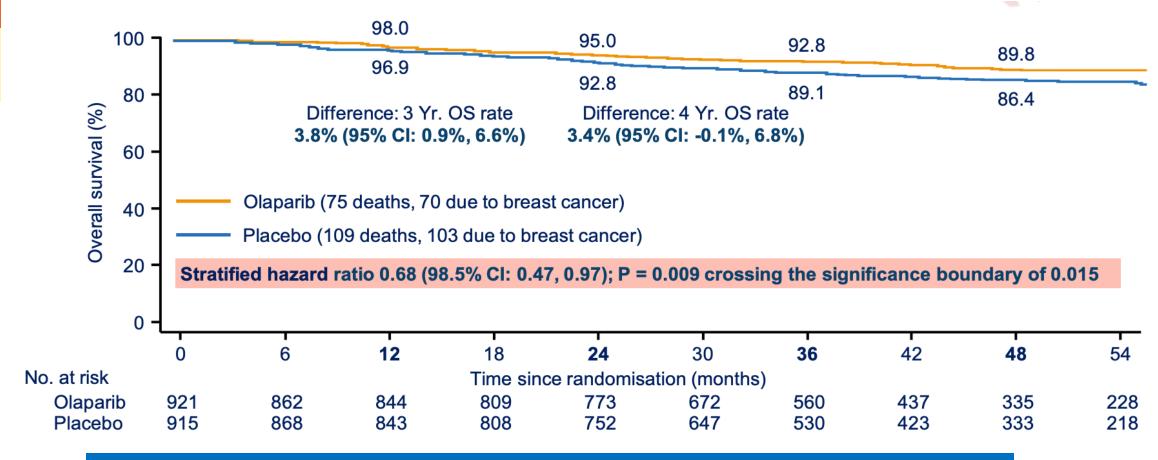
Contralateral 0.9% vs. 1.3%

Second Primary Gyn Ca 1.2% vs. 2.3%

7.3% absolute improvement in 4-year DFS favoring olaparib



OlympiA: Overall Survival Update



Reduced the risk of death over placebo by 32% Absolute improvement of 3.8% at 3 years



Ongoing Studies for Patients with Residual Disease Post-NAC

Study (N)	Treatment	Primary Endpoint
S1418 NCT02954874 (N 1155)	Pembrolizumab for one year vs observation (Minimum 1 cm RD post NAC and/or N+ post NAC)	iDFS
SASCIA NCT04595565 (N 1200) Accruing	Sacituzumab Govitecan-hziy x8 cycles vs TPC	iDFS
TROPION-Breast03 NCT05629585 (N=1075) Accruing	Dato-DXd With or Without Durvalumab vs TPC (Arm 1: Dato/Durva Arm 2: Dato Arm 3: TPC)	iDFS
ASCENT-05 NCT05633654 (N=1514) Accruing	Sacituzumab Govitecan-hziy and Pembrolizumab vs TPC	iDFS



Thank You!

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