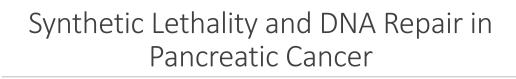


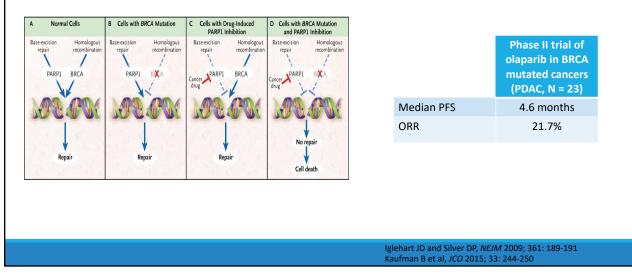
Best of ASCO 2019: Update on GI Cancers

AUTUMN J. MCREE ASSOCIATE PROFESSOR UNIVERSITY OF NORTH CAROLINA LINEBERGER COMPREHENSIVE CANCER CENTER

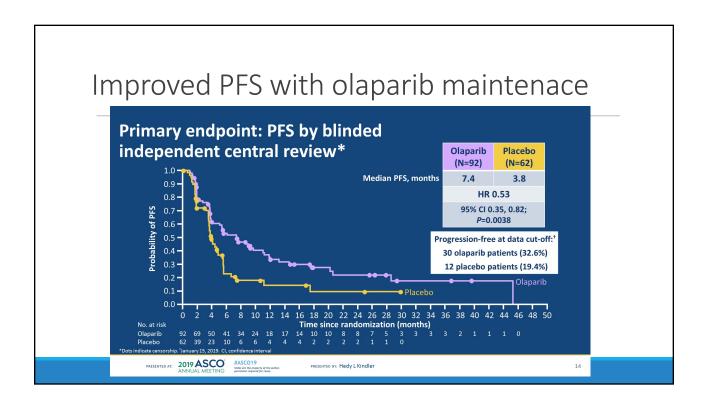
The role of PARP inhibitor maintenance in gBRCA mutated mPDAC

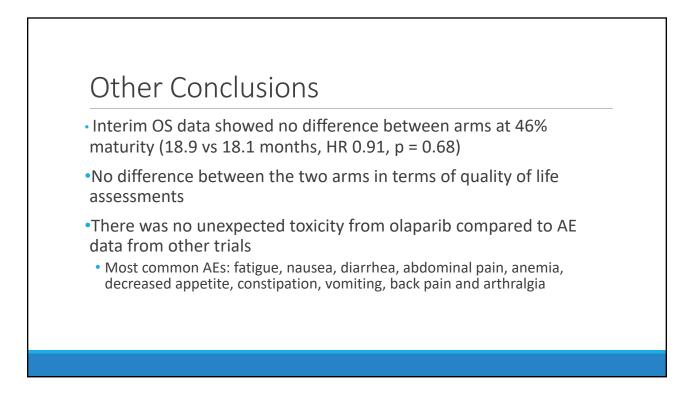
RESULTS OF THE PHASE III POLO TRIAL





	al: olaparib as maintenance						
therapy following	g platinum-based chemo in						
gBRCA mutated m	PDAC						
METHODS		PATIENT CH	ARACTERISTICS				
 3315 patients screened with a 7% detection rate of gBRCA1/2 mutation(247 patients identified) -> 154 randomized 	Patient Character	istics	Olaparib (N = 92)	Placebo (N = 62)			
•Received at least 16 weeks of first line platinum based chemo for metastatic disease without progression	Time from diagnosis to randomization	Median, months (range)	6.9 (3.6 – 38.4)	7.0 (4.1 – 30.2)			
•154 patients randomized 3:2 to maintenance olaparib (300mg BID) or placebo	Duration of first- line chemotherapy	Median, months (range)	5.0 (2.5 – 35.2)	5.1 (3.4 – 20.4)			
•Primary endpoint: PFS (starting from time of randomization)	First-line chemo	FOLFIRINOX	79 (85.9)	50 (80.6)			
	Best response on chemo	CR or PR	46 (50)	30 (48.4)			
		Kindler	HL et al, JCO suppl;	abstract LBA4			

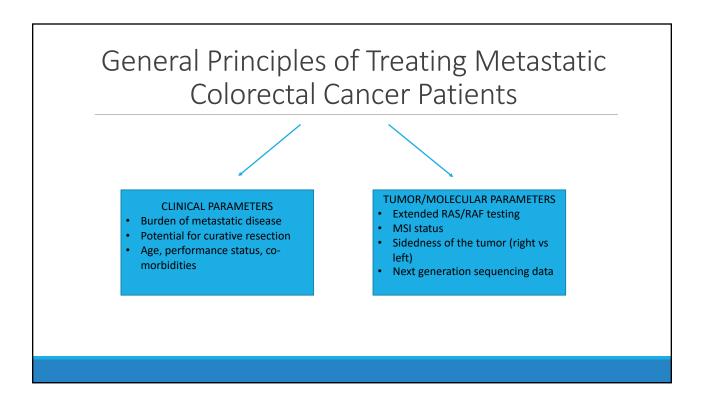


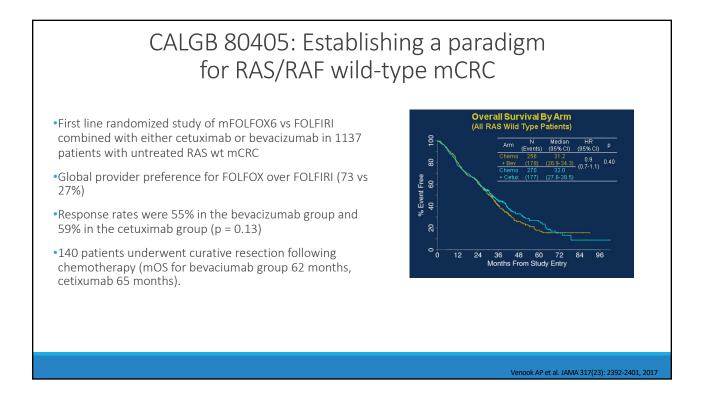


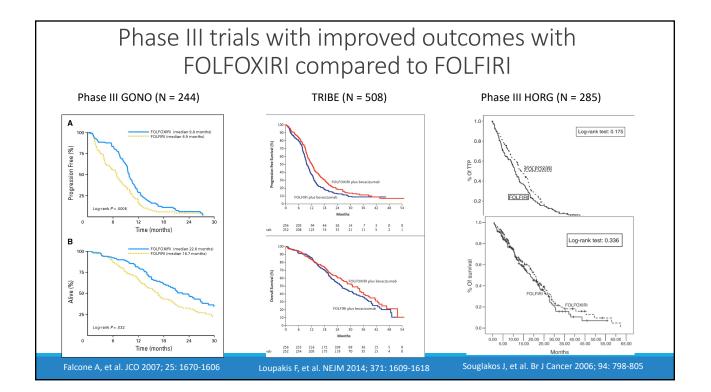
Is there a role for 1st line therapy with FOLFOXIRI in mCRC

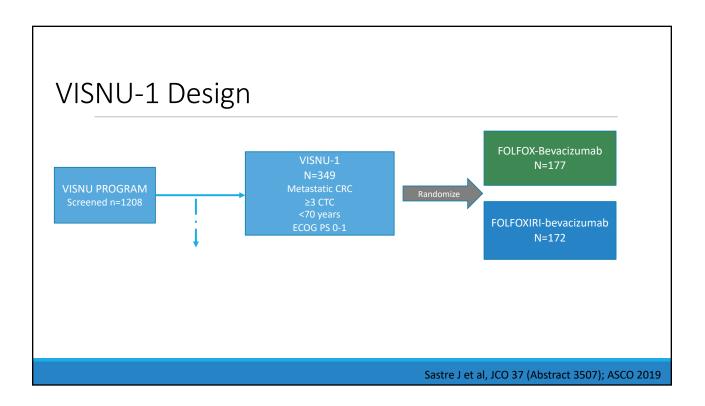
VISNU-1: FOLFOXIRI + bevacizumab vs FOLFOX + bevacizumab in mCRC deemed high risk by presence of ≥ 3 CTC

TRIBE-2: FOLFOXIRI plus bevacizumab vs sequential FOLFOX + bevacizumab -> FOLFIRI plus bevacizumab

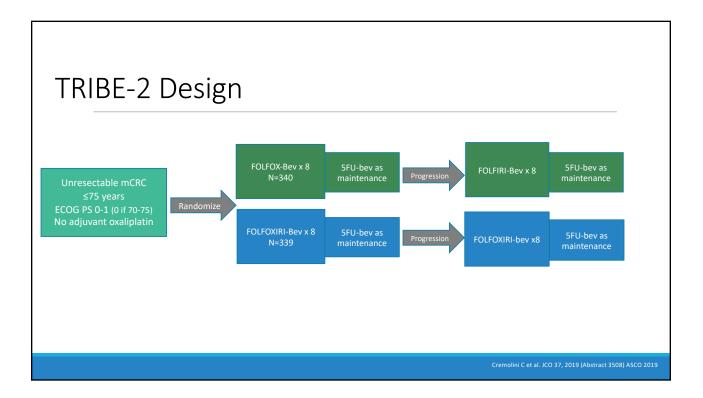


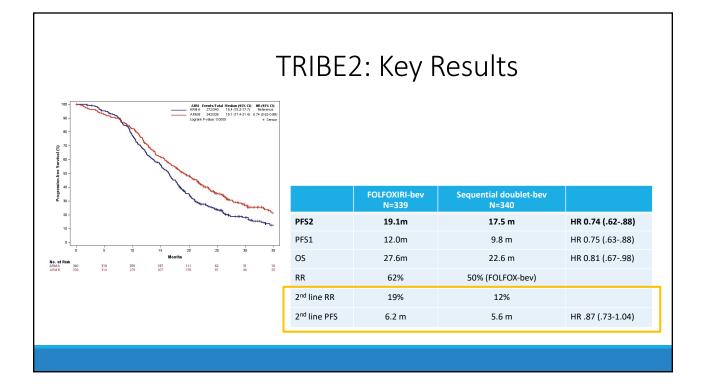


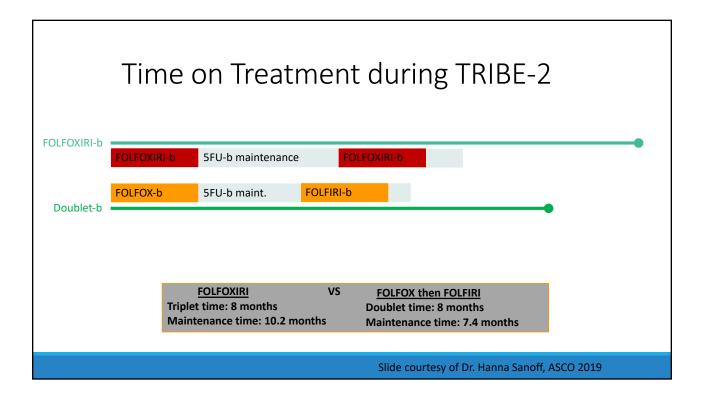


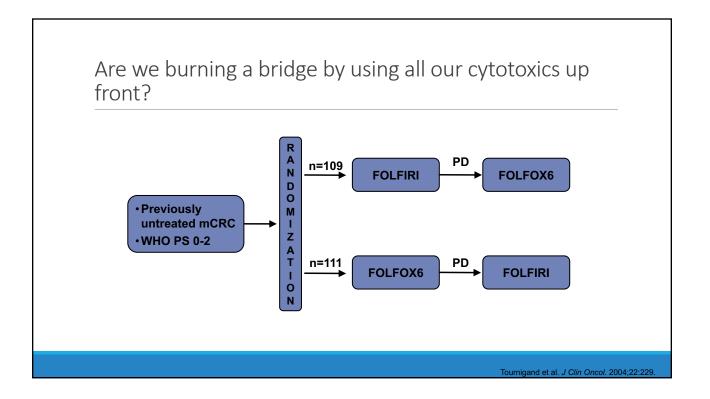


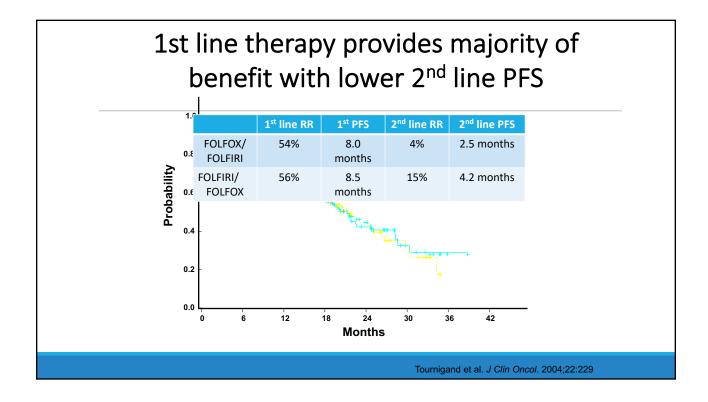
				+ Censored FOLFOX + bevacizumab FOLFOXIRI + bevacizumab
•				0.75 -
	FOLFOXIRI-bev N=172	FOLFOX-bev N=177	HR, 95% CI	0.50
PFS	12.4m	9.3m	0.64 (.4982) P = 0.0004	Primary endpoint PFS
OS	22.3m	17.6m	0.862 (.66-1.06)	and the second second
RR	59%	52%		0.00 6 12 18 24 30 36 42 48 54 66

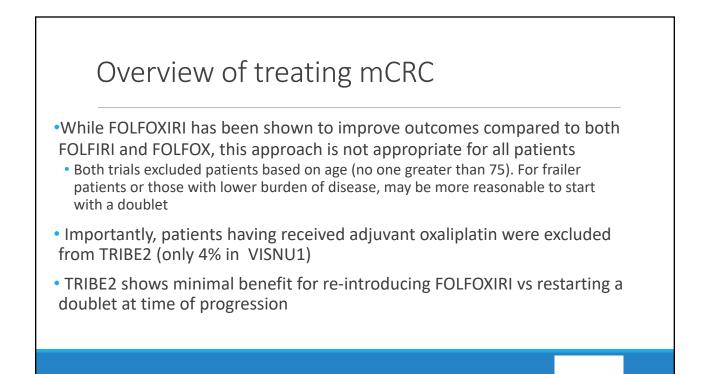


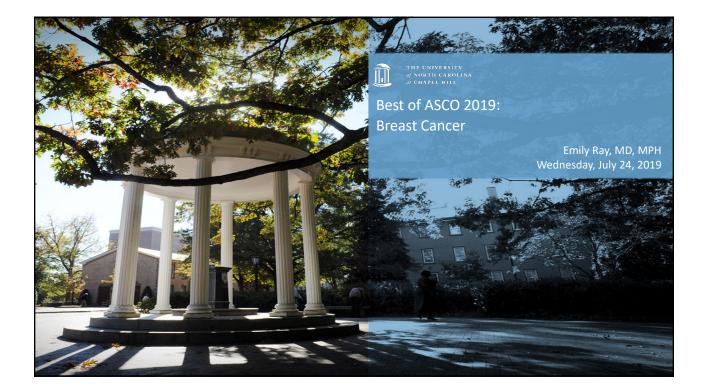




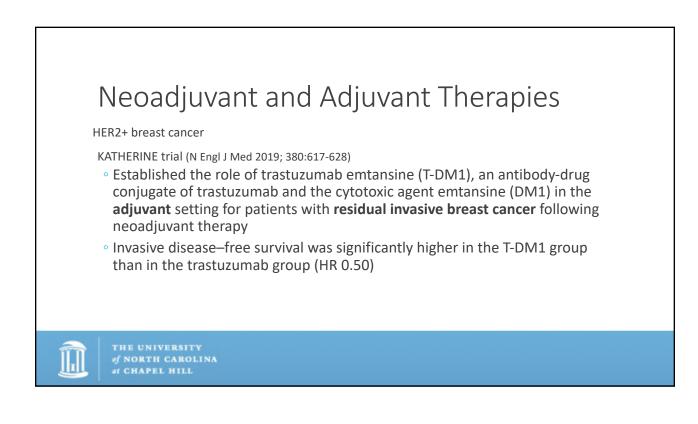


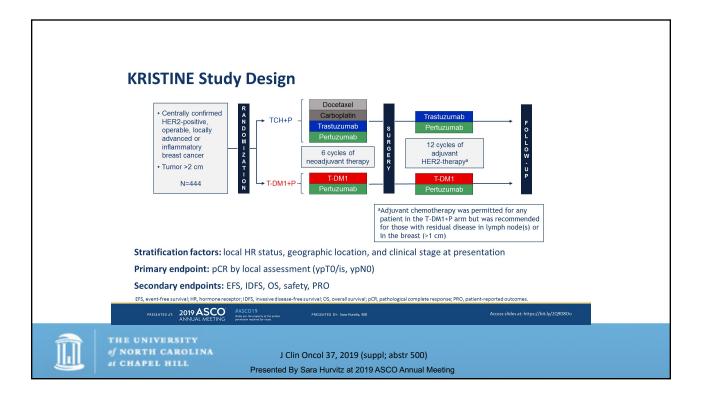


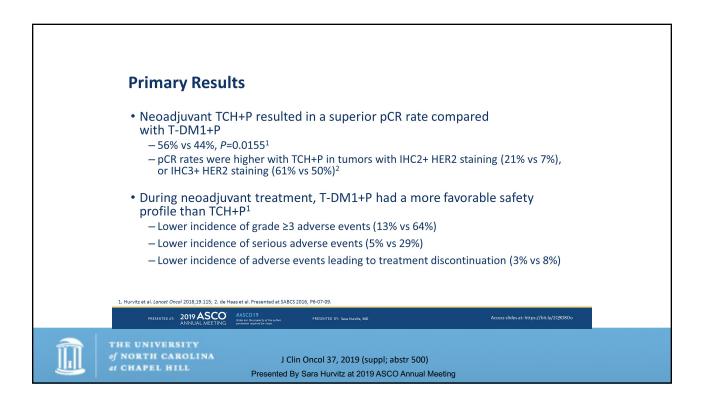




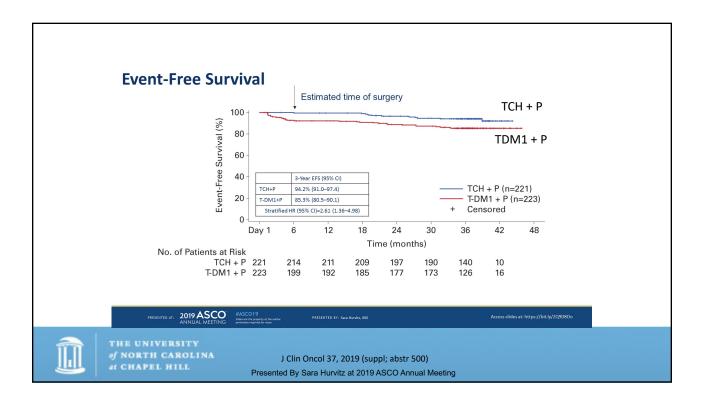


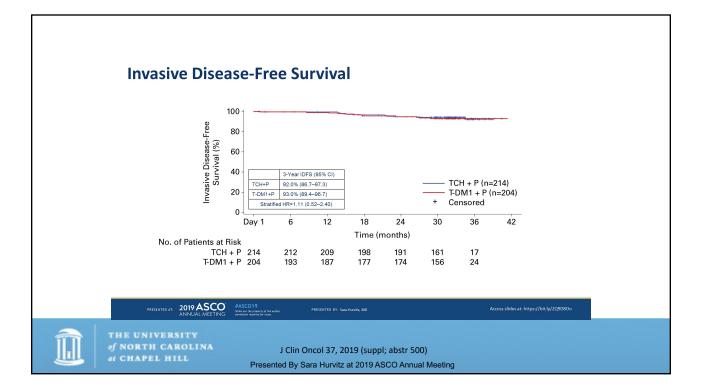




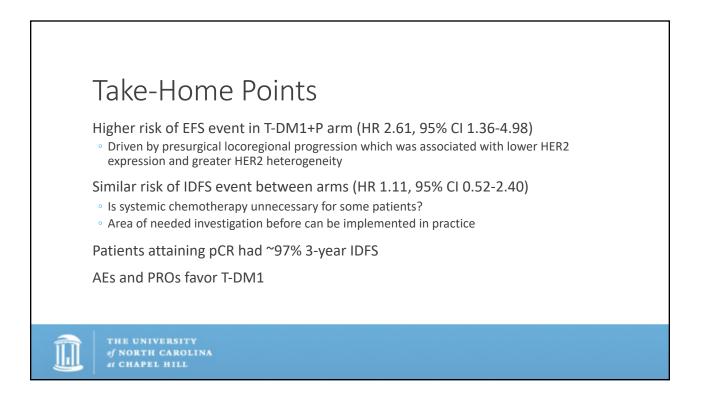


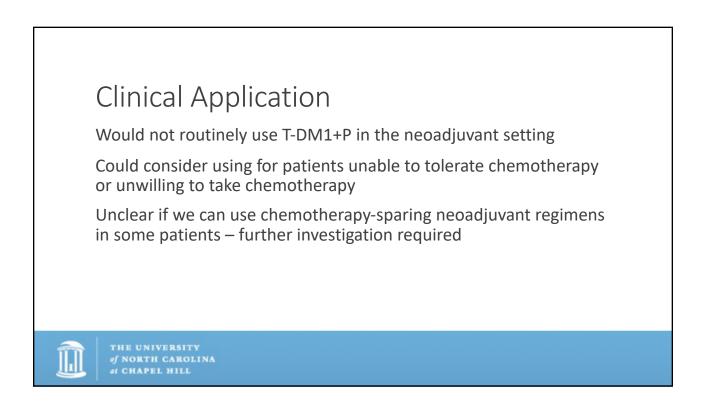
EFS Events						
T-DM1+P (n=223)	TCH+P (n=221)					
31 (13.9)	13 (5.9)					
15 (6.7)ª	0					
11 (4.9)	11 (5.0)					
3 (1.3) 0						
2 (0.9)	2 (0.9)					
of these patients, however, were inc						
bstr 500)	Access slides at: https://bit.ly/2Q9080o					
	(n=223) 31 (13.9) 15 (6.7) ^a 11 (4.9) 3 (1.3) 2 (0.9) of these patients, however, were inc					

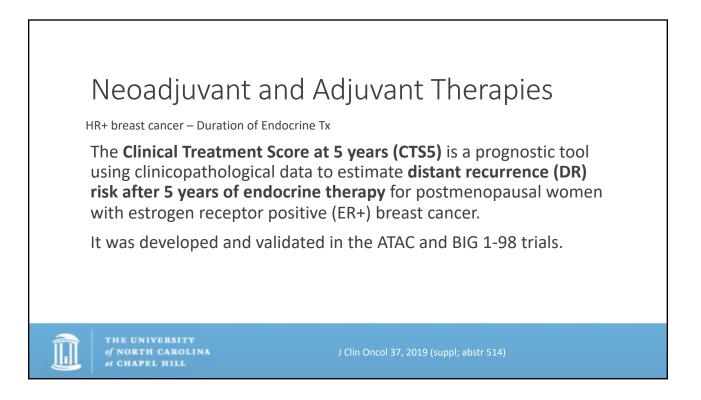




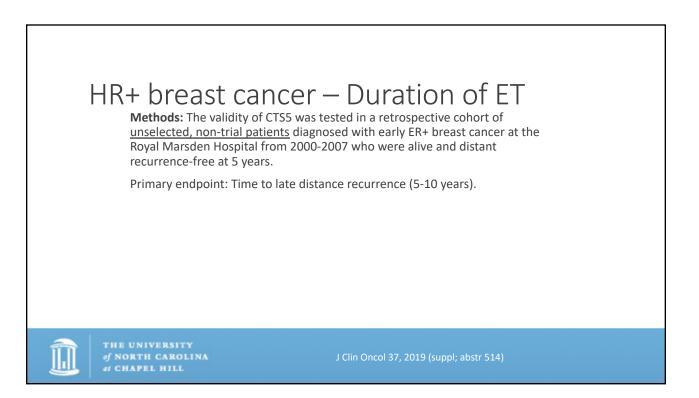








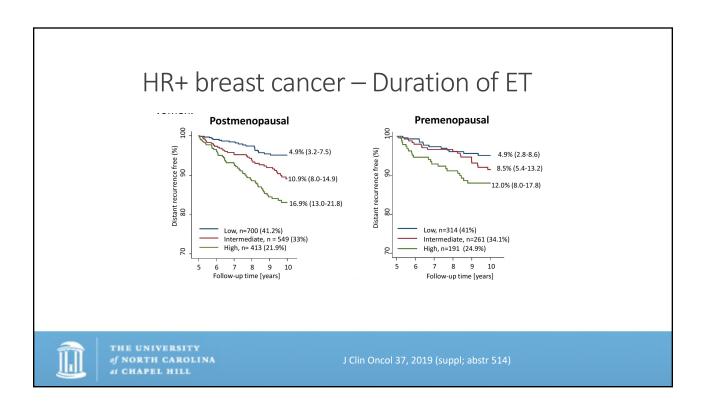
F	IR+ breast	cancer – Duration of ET
		Tumour size (mm) Tumour Grade Grade 1 Patient age (years) Number of nodes involved
		https://www.cts5-calculator.com/
	THE UNIVERSITY of North Carolina af Chapel Hill	J Clin Oncol 37, 2019 (suppl; abstr 514)

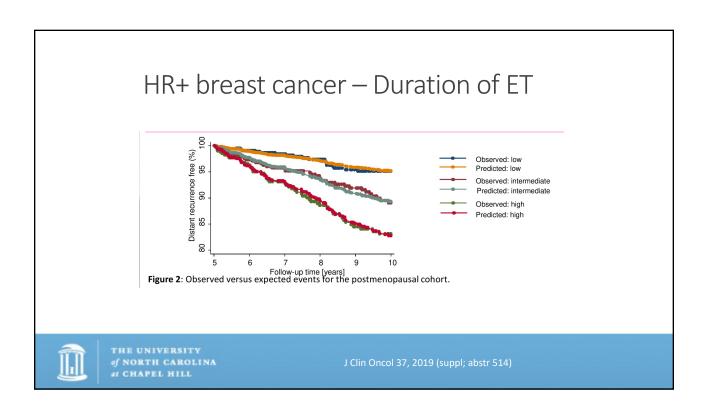


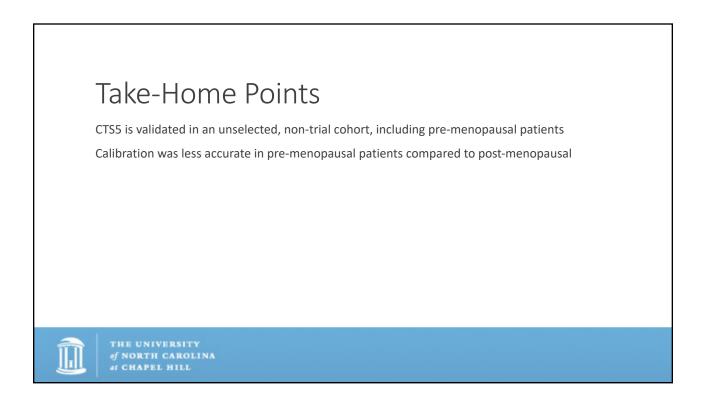
HR for late distant recurrence (95% Cl) P-value Postmenopausal (N=1662, DR=107) CTS5 (continuous) 1.95 (1.59-2.39) <0.0001 CTS5 low Reference CTS5 intermediate 2.28 (1.32-3.93) 0.003 CTS5 intermediate 2.28 (1.32-3.93) 0.0001 Premenopausal (N=776, DR=51) CTS5 high 3.81 (2.27-6.41) <0.0001 CTS5 low Reference <0.001 CTS5 low CTS5 (continuous) 1.72 (1.23-2.40) 0.001 CTS5 low Reference CTS5 low Reference CTS5 low Reference CTS5 intermediate 1.69 (0.84-3.51) 0.16 CTS5 high 2.63 (1.29-5.34) 0.008	HR+ breast cancer – Duration of ET						
(N=1662, DR=107) CTSS (continuous) 1.95 (1.59-2.39) <0.0001 CTSS low Reference CTSS intermediate 2.28 (1.32-3.93) 0.003 CTSS high 3.81 (2.27-6.41) <0.0001				P-value			
CTS5 intermediate 2.28 (1.32-3.93) 0.003 CTS5 high 3.81 (2.27-6.41) <0.0001	-	CTS5 (continuous)	1.95 (1.59-2.39)	<0.0001			
CTS5 high 3.81 (2.27-6.41) <0.0001 Premenopausal (N=776, DR=51) CTS5 (continuous) 1.72 (1.23-2.40) 0.001 CTS5 low Reference CTS5 intermediate 1.69 (0.84-3.51) 0.16		CTS5 low	Reference				
Premenopausal (N=776, DR=51) CTS5 (continuous) 1.72 (1.23-2.40) 0.001 CTS5 low Reference CTS5 intermediate 1.69 (0.84-3.51) 0.16		CTS5 intermediate	2.28 (1.32-3.93)	0.003			
(N=776, DR=51) CTSS (continuous) 1.72 (1.23-2.40) 0.001 CTSS low Reference CTSS intermediate 1.69 (0.84-3.51) 0.16		CTS5 high	3.81 (2.27-6.41)	<0.0001			
CTS5 intermediate 1.69 (0.84-3.51) 0.16	-	CTS5 (continuous)	1.72 (1.23-2.40)	0.001			
		CTS5 low	Reference				
CTS5 high 2.63 (1.29-5.34 0.008		CTS5 intermediate	1.69 (0.84-3.51)	0.16			
		CTS5 high	2.63 (1.29-5.34	0.008			

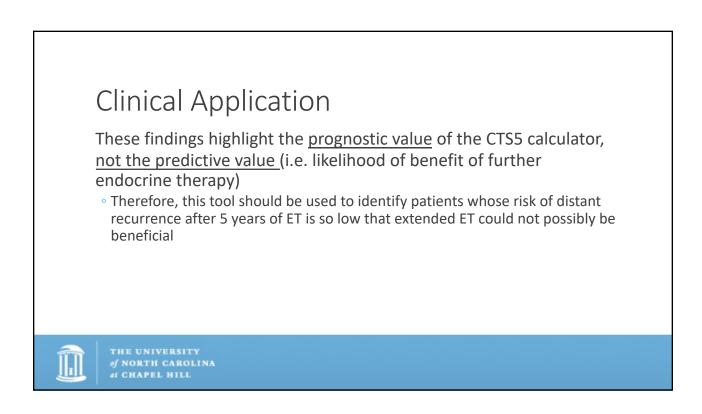
THE UNIVERSITY of NORTH CAROLINA at CHAPEL HILL

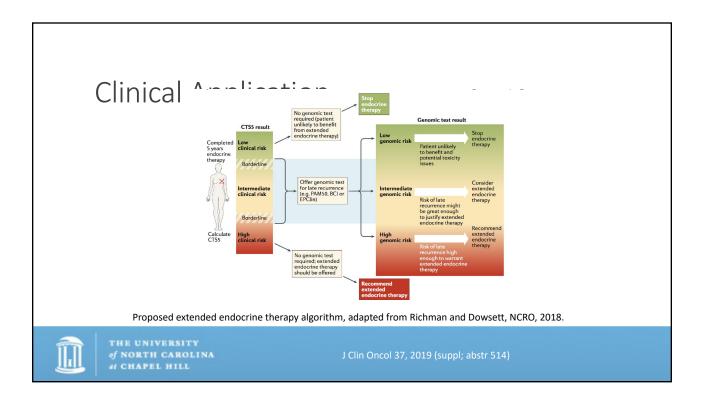
J Clin Oncol 37, 2019 (suppl; abstr 514)



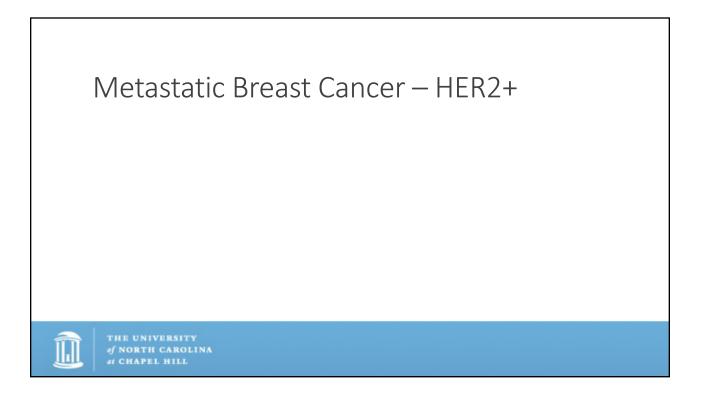


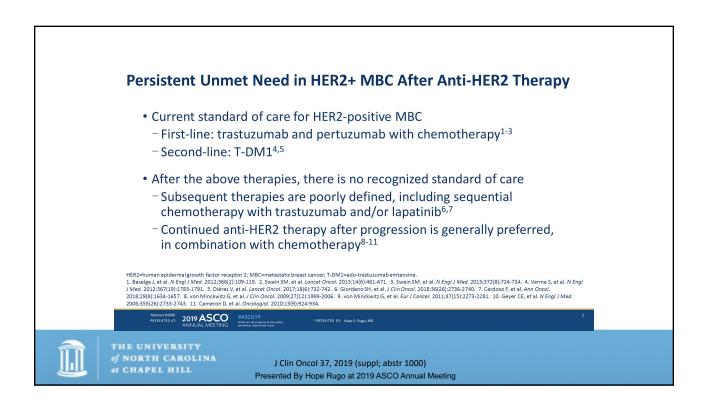


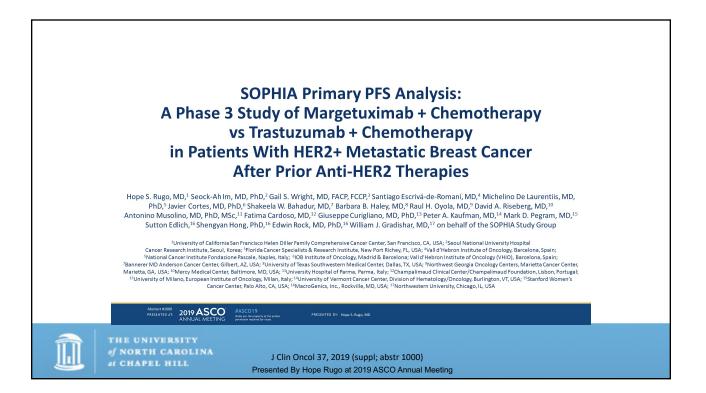


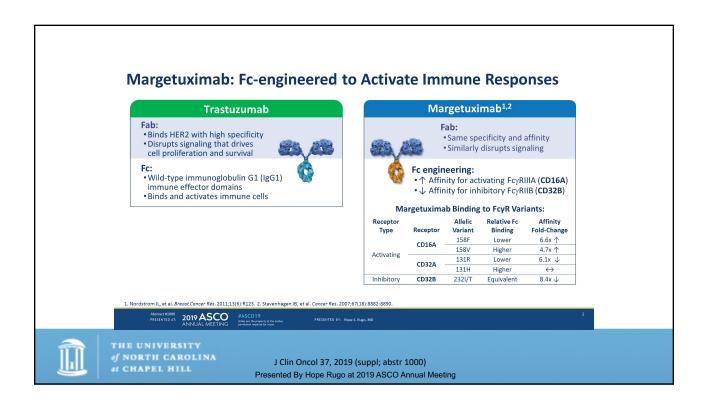


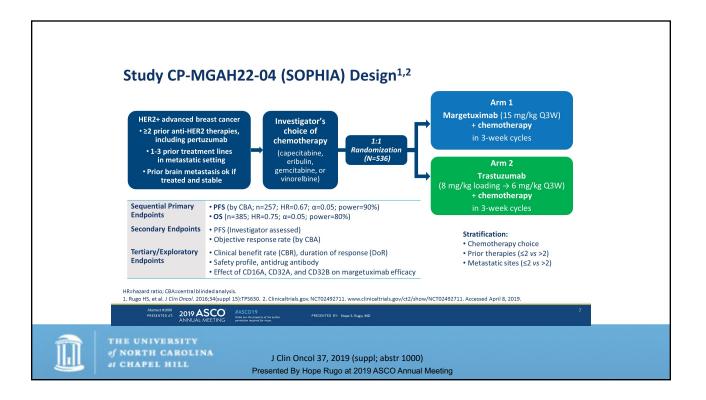


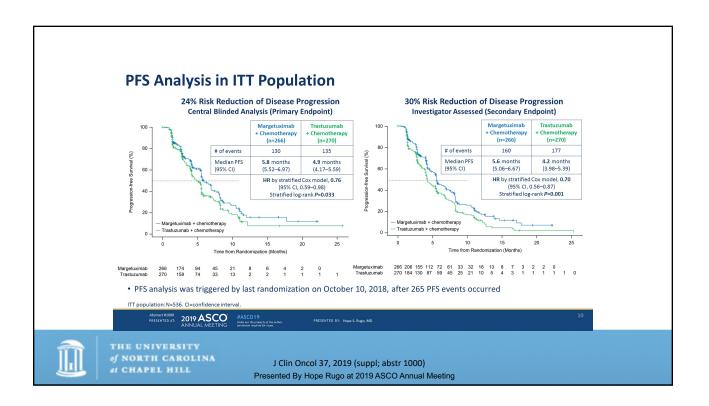












PFS Subgroup	Median PFS (95% Cl), Months				HR by		Unstratified
	Margetuximab + Chemotherapy	Trastuzumab+ Chemotherapy			Unstratified Cox Model	95% CI	Log-Rank P Value
All patients, n=536	5.8 (5.52-6.97)	4.9 (4.17-5.59)		1	0.78	(0.61-0.99)	0.044
Capecitabine, n=143	8.3 (5.55-11.50)	5.5 (4.17-8.28)			0.77	(0.47-1.26)	0.302
Eribulin, n=136	6.0 (3.81-8.05)	4.2 (3.38-5.55)	⊢ ●	4	0.66	(0.42-1.05)	0.080
Gemcitabine, n=66	5.4 (4.07-11.01)	3.5 (1.45-7.16)			0.58	(0.29-1.18)	0.128
Vinorelbine, n=191	5.6 (4.24-6.97)	5.1 (3.42-6.67)			0.90	(0.60-1.35)	0.606
>2 metastatic sites, n=254	6.3 (5.42, 8.08)	4.2 (3.38, 5.55)	H		0.63	(0.44-0.89)	0.009
≤2 metastatic sites, n=282	5.7 (4.47, 6.97)	5.5 (4.24, 5.85)	— •		0.94	(0.67-1.31)	0.702
Hormone Receptor-, n=200	5.8 (4.80, 7.23)	4.2 (2.83, 5.55)	 1		0.58	(0.39-0.86)	0.007
Hormone Receptor+, n=334	5.7 (5.52, 8.18)	5.5 (4.24, 7.03)	⊢ ●-		0.88	(0.64-1.19)	0.393
HER2 IHC 3+, n=291	6.9 (5.55, 8.31)	5.6 (3.98, 5.85)	⊢ •−−1		0.64	(0.46-0.90)	0.011
HER2 ISH amplified, n=245	5.5 (4.01, 6.60)	4.6 (4.07, 5.55)		••	1.01	(0.71-1.42)	0.972
Age >60 years, n=170	6.9 (5.52, 10.51)	5.6 (4.14, 5.85)			0.58	(0.36-0.92)	0.020
Age ≤60 years, n=366	5.6 (4.24, 6.97)	4.6 (4.01, 5.59)	⊢ ●-		0.87	(0.66-1.16)	0.337
Prior (neo)adjuvant Tx: yes, n=303	6.3 (5.55-8.05)	5.4 (4.01-5.59)	⊢ ●−−1		0.67	(0.48-0.93)	0.014
Prior (neo)adjuvant Tx: no, n=233	5.6 (3.71-6.97)	4.9 (4.07-7.16)		• • • • •	0.99	(0.68-1.42)	0.935
			0.0 0.5 1	.0 1.5	2.0		
			A Margetuximab Better	Trastuzuma	b Better		
Hormone receptor positive=ER+ and/o	or PgR+: hormone receptor	negative=FR-and PgR-:					
		5 5,			,		
Abstract #1000 PRESENTED AT: 2019 ASC ANNUAL MEET		PRESENTED BY:	Hope S. Rugo, MD				11

		Median PFS (95 Margetuximab + Chemotherapy	% CI), Months Trastuzumab + Chemotherapy			HR by Unstratified Cox Model	95% CI	Unstratified Log-Rank <i>P</i> Value
All patie	ints	5.8 (5.52-6.97)	4.9 (4.17-5.59)	Her		0.78	(0.61-0.99)	0.044
CD16A/	F carrier (FV or FF), n=437	6.9 (5.55-8.15)	5.1 (4.14-5.59)	HeH		0.68	(0.52-0.90)	0.005
CD16A/	FF, n=192	8.2 (5.52-10.51)	5.6 (4.50-8.31)	H H		0.69	(0.46-1.05)	0.080
	FV, n=245	6.3 (5.52-7.23)	4.3 (4.01-5.59)	+●		0.71	(0.50-1.01)	0.055
Activating CD16A/	VV, n=69	4.8 (2.46-5.65)	5.6 (2.86-11.04)	F	• •	1.78	(0.87-3.62)	0.110
	RR, n=122	5.7 (4.80-10.55)	5.5 (2.76-8.21)	H.		0.69	(0.41-1.17)	0.166
CD32A/	RH, n=247	6.9 (5.55-8.15)	5.6 (4.17-6.67)	H•		0.74	(0.52-1.06)	0.102
CD32A/	HH, n=137	5.6 (3.29-8.28)	4.1 (2.79-5.59)	⊢ •∔-1		0.80	(0.49-1.30)	0.365
nhibitory CD32B/	l [†] , n=380	5.8 (5.55-7.66)	5.5 (4.17-5.65)	H e H		0.85	(0.64-1.13)	0.265
unction CD32B/	T ⁺ , n=117	6.0 (4.14-NA)	5.5 (2.79-7.16)	. -		0.63	(0.36-1.10)	0.098
				0.0 0.5 1.0 1.	5 2.0 2.5 3.0 3.5 4.	0		
			Margetuxin	nab Better Tra	stuzumab Better			

