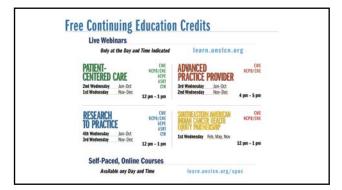




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## **Our Presenter**



Kristalyn Gallagher, Do. PACOS, PACS, Is a Breast Surgic Oncologist, Associate Professor of Surgery, and the Chief of breast surgery at the University of North

Nationally, she serves as the Vice Chair for the Association of Women Surgeons Foundation and the Chair of the American Society of Breast Surgeons

She is dedicated to empowering and supporting women surgeons and teaching and training future surgeons. He research interests include clinical trials, developing new innovative surgical techniques, and personalizing breast

Dr. Gallagher is also dedicated to patient care and is a committed educator for students, residents, and follows:

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## Our Presenter

•	n			
Our	UР	CO	An	ŧΛ

 Kristalyn Gallagher, DO. RECK, ISS. A co-PI for a national clinical trial to reduce the incidence of lymphedema for patients undergoing lymph node surgery.

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## **Our Presenter**

- Kristalyn Gallagher, PO. RECOS, RECS, is a co-PI for a national clinical trial to reduce the incidence of lymphedema for patients undergoing lymph node surgery.
- She was awarded the best abstract in 2019 by the Association for Academic Surgery.

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- 3. Dr. Gallagher loves teaching students, residents, and fellows.

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- 2. She is a surgical coach and helps train other surgeons nationally in oncoplastic surgical techniques.

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### **Our Presenter**

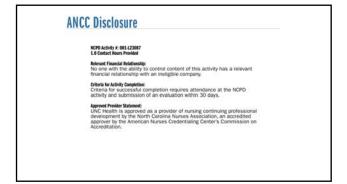
- Kristalyn Gallagher, DO. NOOS. NOS. IS a co-PI for a national clinical trial to reduce the incidence of lymphedema for patients undergoing lymph node surgery.
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- 3. Dr. Gallagher loves teaching students, residents, and fellows.
- 2. She is a surgical coach and helps train other surgeons nationally in oncoplastic surgical techniques.
- She is trained in oncoplastic surgery so every surgery she attempts to hide scars and rearrange tissues to make things look as natural as possible.

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## This activity has been planned and implemented under the sole supervision of the Course Director. Stephanie Wheeler, no. Inc., I was not a sociation with the UNC Office of Continuing Professional Development (CPD). The course director received research support from AstraZeneca (crided June 2023) and filter Medical Foundation revised December 1 (CPD). The course director received research support needed Lengther 1 (CPD) and the course of the companies as defined by the ACCME. A potential conflict of interest occurs when an individual has an opportunity to affect educational content about health care products or services of a commercial interest with which he/she has a financial relationship. The speakers and planners of this learning activity have not disclosed any relevant financial relationships with any commercial informatic performance of the course of t

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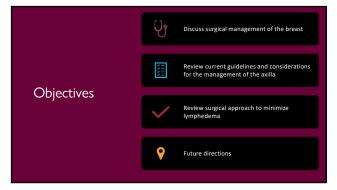
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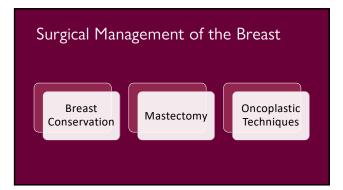






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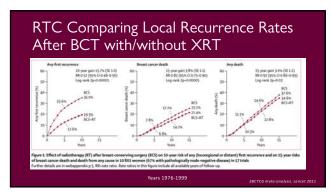


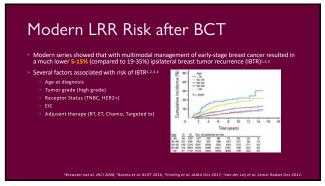




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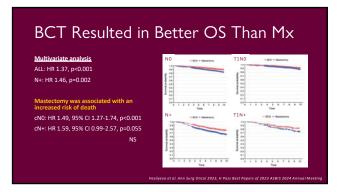
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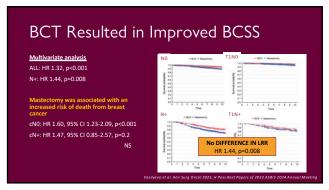






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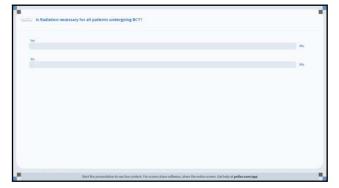


# T1 Patients: Surgical Overtreatment? Should be amenable to BCS In this series, 50% of T1N+ and 30.5% pts had a Mastectomy BCSS and OS favored BCS No difference in local control Important to counsel LRR still possible after a Mastectomy Conclusion: In an era of contemporary systemic treatment, BCT was associated with better BCSS and OS and equivalent LRR compared to mastectomy

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# Integrating These Findings into Everyday Practice The seminal RCT demonstrated that BCT was equivalent to mastectomy but had an increased incidence of local recurrence—old data Multiple recent studies have shown that BCT improves survival including High-risk tumors NO and N+ cohorts

	ntegrating These Findings into Everyday  Practice
•	Possible Explanations (survival)  Mastectomy induces a larger inflammatory response  Mastectomy may delay the initiation of adjuvant treatment
	Possible Explanations (LRR)  Better diagnostic imaging delineating extent of disease
	Better margin assessment     More precise XRT     Significantly improved systemic treatment
	Again demonstrates that tumor biology and not the extent of surgery is important
	It's time to update our counseling!
	Vasilveva et al. Ann Sura Oncol 2023. H Pass Best Papers of 2023 ASB: 5024 Ann



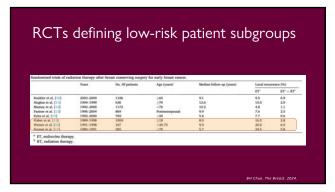
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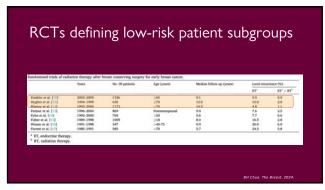


The addition of DT and are the delection	D bullet for decreased and a state of the
	R by half and cancer death rates by a sixth.
Breast cancer is a heterogeneous diseas	e, and absolute benefit varies for individual patients
Side Effects:  Breast pain  Fibrosis  Increased cardiac mortality  Lymphedema  Poorer cosmetic result	
Low risk of radiation-induced sarcoma	

and-missed trials of radiation therapy after brant conserving suppers for early breast cators.							
	Years	No. Of patients	Age (years)	Median follow-up (years)	Local recu	ence (%)	
			100000000000000000000000000000000000000		ET	ET' + RT	
Luidder et al. [10]	2003-2009	1326	≥65	9.1	9.5	0.9	
fughes et al. [11]	1994-1999	636	≥70	12.6	10.0	2.0	
flamey et al. [11]	1992-2000	1172	<70	10.2	4.8	1.1	
						2.5	
						0.6	
						2.8	
						6.0	
ocrest et al. [17]	1985-1991	585	<70	5.7	24.5	5.8	
lastner et al. [13] lytes et al. [14] laber et al. [15] Vinner et al. [16] lorrest et al. [17] ET, endocrine theray RT, radiation theray		869 759 1009 347 585	Potzneoquusi >50 ≥18 >45-75 <70	9.9 5.6 8.0 9.9 5.7	7.6 7.7 16.5 26.0 24.5	2	

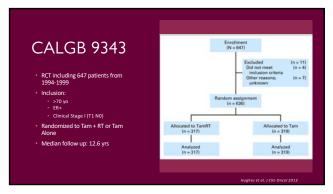
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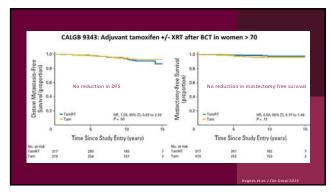


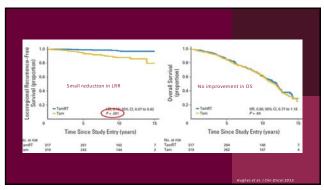




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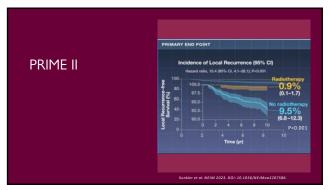




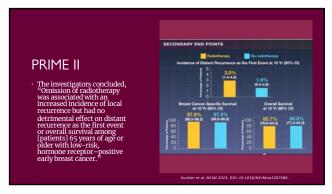
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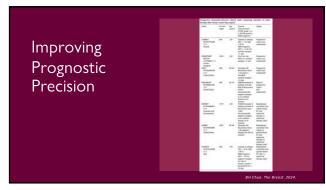






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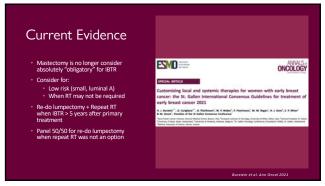




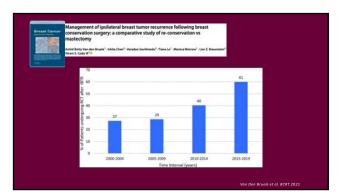
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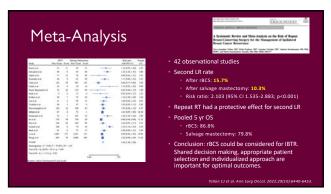


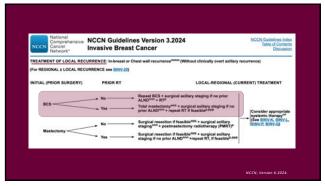




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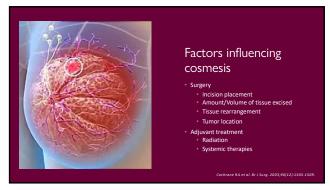






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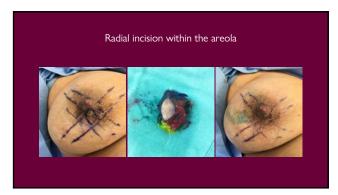


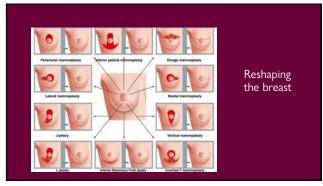




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## Why go flat? Avoid additional surgeries Minimize surgery time Not wanting foreign body (BIA-ALCL) or extended healing with autologous reconstruction Lower risk of complications Ability to not wear a shirt or a bra if desired The decision to go flat or have reconstruction is a personal one. Going flat does not mean patients are not interested in achieving an excellent aesthetic result

"Going Flat" After Mastectomy: PRO by Online Survey
931 women with uni- or bilateral mastectomy for treatment of breast cancer or elevated breast cancer risk
Baler II., Doon DS., Altai DJ. "Going Flot After Mastection; Policein Reported Outcomes by Online Survey, Ann Surg Onc 2021, 28,2493–2005. https://doi.org/10.1245/1.0434-020-09448-9.



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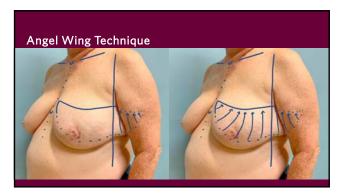
# "Going Flat" After Mastectomy: PRO by Online Survey 931 women with uni or bilateral mastectomy for treatment of breast cancer or elevated breast cancer risk The top two reasons for going flat were avoidance of a foreign body placement and a desire for a faster recovery 65% of respondents felt they received adequate information about surgical options so they could make the right decision 20.7% of respondents felt that their surgeon did not respect or support their decision to go flat Asiatr JL DUGGS SEL. ARIS DIL TOOLOGY Flat After Mastectomy. Patient Reposted Outcomes by Online Survey. Ann June 101-1201-121. ARIS DIL TOOLOGY SELECTION AND CONTRACT AND CON





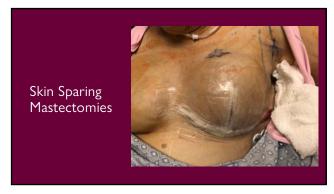
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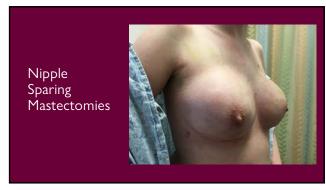


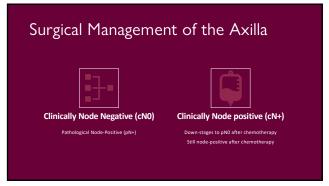




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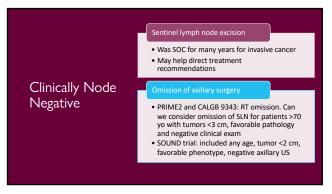
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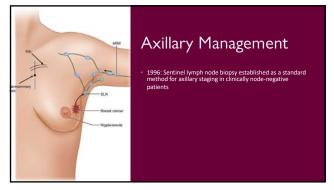
## Poll Everywhere \* You are seeing a 41 year old patient in your clinic who has a 2.5 cm invasive ductal carcinoma (IDC), grade 3, hormone receptor-positive (ER+, PR+) and HER2 receptor negative. She is planning breast conservation with a lumpectomy. On exam, you do not feel any axillary adenopathy.

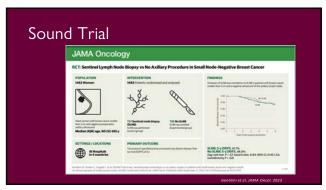




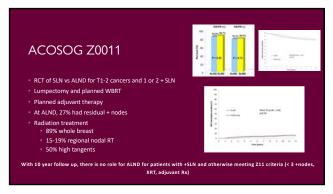
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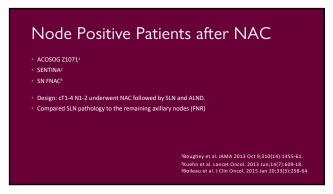
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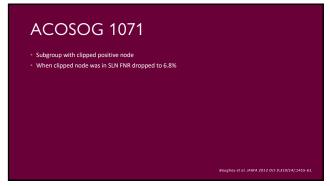
Poll Everywhere	
<ul> <li>You are seeing a 52 year old patient who initially presented with a 4 cm triple negative (ER., PR., HER2-) IDC with a positive lymph node. She has now completed neoadjuvant chemotherapy and had an excellent response. On imaging her breast cancer is no longer visible and the lymph node now has normal appearance. She is planning to undergo lumpectomy.</li> </ul>	



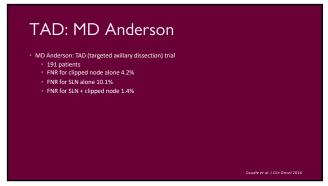
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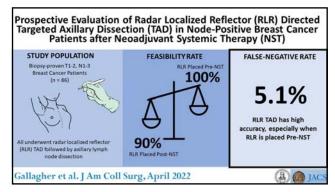


		ACOSOG Z1071 <sup>1</sup>	SENTINA <sup>2</sup>	SN FNAC
Node	SLN Identification Rate	92.7%	87.8%	87.6%
Positive Patients after	Overall FNR	12.6%	14.2%	13.4%
NAC	FNR			
	Mapping Agents			
	One Agent	20.3%	16%	16%
	Dual Agent	10.8%	8.6%	5.2%
	Number SLN			
	1 SLN	31%	24.3%	18.2%
	2 SLN	21.1%	18.5%	
	≥3 SLN	9.1%	4.9%	4.9%
	IHC	8.7%	NR	8.4%



92

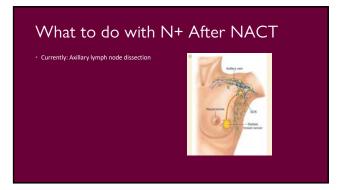


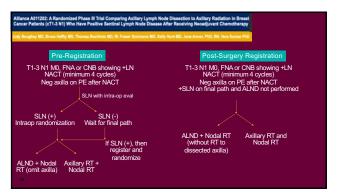




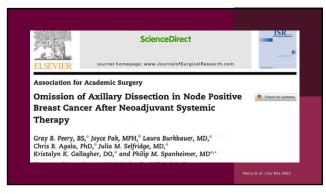
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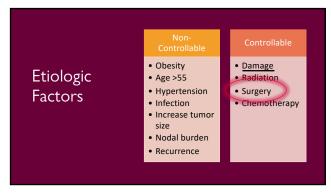


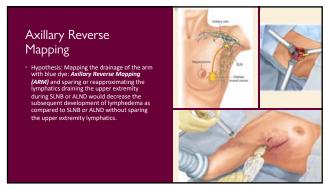
Novel Technique to Minimize Lymphedema

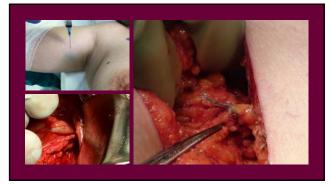
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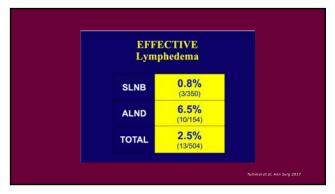
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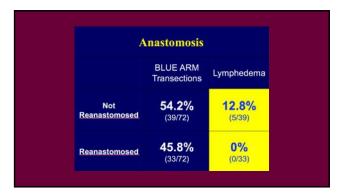


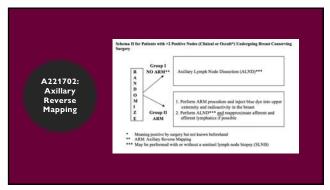




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