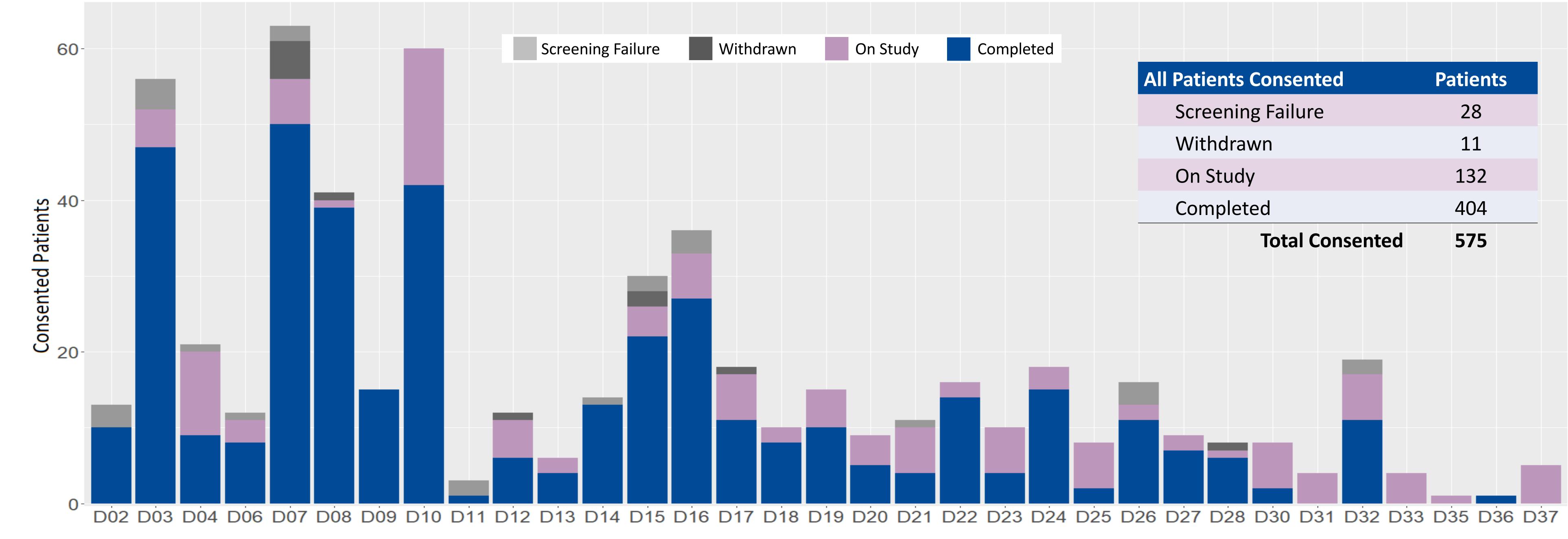
The PREDICT Registry: A prospective registry study to evaluate the effect of the DCISionRT test DCISionRT est on treatment decisions in patients with DCIS following breast conserving therapy PRELUDE X SC Shivers¹, P Whitworth², R Patel³, T Bremer¹, CE Cox⁴ ¹PreludeDx, Laguna Hills, CA, ²Nashville Breast Center, Nashville, TN, ³Good Samaritan Cancer Center, Los Gatos, CA, ⁴University of South Florida, Tampa, FL, USA

	Protocol Synopsis
NCT Number	<u>NCT03448926</u>
Brief Title	The PREDICT Registry
Official Title	A Prospective Registry Study to Evaluate the Effect of the DCISionRT Test on Treatment Decisions in Patients with DCIS Following Breast Conserving Therapy
<section-header></section-header>	This is a prospective cohort study for patients diagnosed with ductal carcinoma in situ (DCIS) of the breast. The primary objective of the study is to create a de-identified database of patients, test results, treatment decisions and outcomes that can be queried to determine the utility of the DCISionRT test in the diagnosis and treatment of ductal carcinoma in situ of the breast.
Study Design	Prospective Observational Cohort [Patient Registry]
Intervention	Diagnostic Test: DCISionRT - The DCISionRT Test was developed by PreludeDx (Laguna Hills, CA) and is performed at its CLIA laboratory facility. The biomarkers used to evaluate the biologic signature of DCIS tissue are based on over a decade of research including the University of California, San Francisco, Yale University as well as Prelude Corporation. The test is prognostic for 10-year recurrence risk and predicts RT treatment benefit for invasive breast cancer. The laboratory is regulated under the Clinical Laboratory Improvement Amendments of 1988 (CLIA) as qualified to perform high-complexity clinical testing and is accredited by the College of American Pathologists (CAP).
Study Population	The study population will be selected from the clinical practices of the participating investigators and institutions. Patients who have been recently diagnosed with DCIS and are being evaluated for the need for further therapy will be screened for eligibility per the following eligibility criteria.
Eligibility Criteria	 Inclusion criteria: Patient must have histologically confirmed ductal carcinoma in situ (DCIS) in a single breast (presence of lobular carcinoma in situ (LCIS) or other benign breast disease in addition to DCIS is acceptable) Patient must have the DCISionRT Test ordered during routine patient care Patient must be planning to undergo breast conserving surgery Patient must be eligible to receive radiation and/or systemic treatment Patient must be greater than 25 years old Patient must be able to provide informed consent
	 Exclusion criteria: Patient tissue is insufficient to generate DCISionRT test results or required DCISionRT inputs (age, tumor size, margin status, palpability) are missing Patient has evidence of invasive breast cancer, including microinvasion, lymph node involvement, or Paget's disease of the nipple or suspicious mammogram findings in the lymph nodes or contralateral breast Patient has been surgically treated with a mastectomy for primary DCIS Patient has prior in situ or invasive breast cancer Patient is pregnant

	Protoco	l Synopsis, continued		
Study Groups/ Cohorts	•	na in situ (DCIS) in a single of lobular carcinoma in si	e breast without	evidence of
<section-header></section-header>	 The study will collect and after availability of include type of surger prophylactic mastector breast RT) and endoor 	inges in Treatment Recom details on physician treatr of the genomic test (DCISi ry (lumpectomy, therapeu omy), type of radiation the rine therapy (yes, no). The tment recommendations	ment recommen onRT) results. Th tic mastectomy, erapy (none, IOR e main measure v	dations before e data elements contralateral T, APBI, whole will be percent
Secondary	Function of Demographic	Factors [Time Frame: 5 ye	ears]	
Outcome Measures	 Percent of patients fo DCISionRT results are 	r which the recommende known as a function of de thnicity; family history)	d treatments cha	•
	DCISionRT results are	s [Time Frame: 5 years] r which the recommende known as a function of tu , palpability, surgical marg	umor factors (tur	nor size, grade,
Other Pre-specified Outcome Measures	 Each patient will receiption Score (0 - 10.0), Risk 0 Breast Conserving The Conserving Therapy a Function of Geographic Reserves Percent of patients for 	ive the following results fr Category Low (≤3.0) or Ele erapy Alone (0 - 40%) and nd Radiation (0 - 40%)	rs] d treatments cha	RT test: Risk k Prognosis with vith Breast
Status	Recruiting			
Enrollment Target	2500			
Start Date	February 27, 2018			
Est. Completion	February 2023 (Final data	collection date for prima	ry outcome mea	sure)
Contacts	Mary Kay Hardwick Steven C Shivers, PhD	510-682-6256 813-215-1749	<u>mkhardwick</u> sshivers@us	<u>a@comcast.net</u> sf.edu
Responsible Party	University of South Florida	a		
Study Sponsor	PreludeDx			
Lead Investigators	Charles E Cox, MD Rakesh R Patel, MD Pat Whitworth, MD	University of South F Good Samaritan Hos Nashville Breast Cen	pital	Tampa, FL Los Gatos, CA Nashville, TN
Publications	Bremer T, et. al, Clin Cance Wärnberg F, et. al, SABCS Whitworth P, et. al, SABCS	2017, GS5-08	:5895-5901. PM	ID: <u>30054280</u>

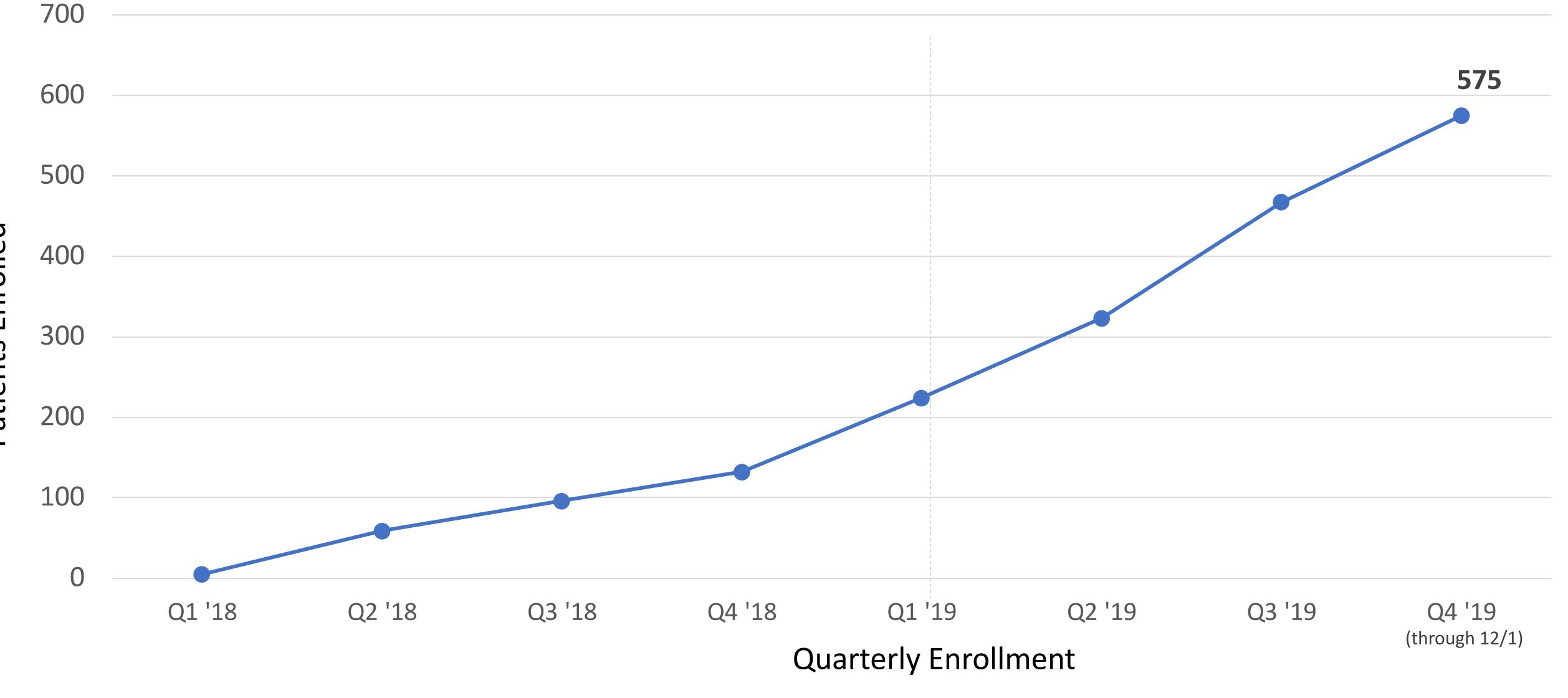
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San Antonio Breast Cancer Symposium[®] - December 10-14, 2019



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Current Sites Registered	Sites
Academic Cancer Centers	11
Regional Hospitals	17
Specialty Private Practices	10
	38
Physician Participation	Physicians
Physician Participation Surgeons	Physicians 79
Physician Participation Surgeons Radiation Oncologists	
Surgeons	79
Surgeons Radiation Oncologists	79 87



Summary

- The PREDICT Study has consented 575 patients with 443 consented YTD 2019.
- There are 38 sites enrolled and an additional 29 sites pending activation.
- The aim of PREDICT is to activate up to 100 sites and consent 2,500 patients diagnosed with DCIS.
- The purpose of the study is to evaluate the percent of cases in which treatment recommendations are changed after the test results become available.
- The PREDICT Study will have 5 and 10 year follow up.

stitution

