

Leadership	Oncology Research Professionals:							
Chair:Philip A. Philip, MD, PhD, FRCP	CRA:	TBD						
Vice-Chair:Elena G. Chiorean, MD	Nurse:	TBD						
Executive Officer:	AD Patient Advocate (Pancreatic):							
Statisticians: Katherine A. Guthrie, PhD	nD Patient Advocate (Colon):							
Sarah Colby, MS	Pharmaceutical Science:	Jane E. Rogers, PharmD						
Allison Hayes, BS		Safae Chouraichi, PharmD						
Scientific Leadership	Protocol Project Manager:	Andrea Garcia						
Gastroesophageal:Syma Iqbal, MD	Clinical Trials Program Manager:	Laura Gildner, MS						
Zev A. Wainberg, MD	Time/Location							
Pancreatic:Davendra P.S. Sohal, MD	Friday, October 18, 2024 4:30 p.m 6	:30 n m						
Andrew M. Lowy, MD (Surgical representative)	Room: Regency D (Ballroom Level, W							
Hepatobiliary: Anthony B. El-Khoueiry, MD								
Rachna T. Shroff, MD	Age	enda						
Syed A. Ahmad, MD (Surgical representative)	1. Welcome							
Colon: Marwan G. Fakih, MD								
Philip J. Gold, MD	2. Announcements & Introductions	Philip Philip						
Sepideh Gholami, MD (Surgical representative)		E. Gabriela Chiorean						
Neuroendocrine Tumors:Nageshwara Arvind Dasari, MD	3. HEARD Subcommittee Initiatives	Rachel Safyan, Colmar Figueroa-						
Jonathan R. Strosberg, MD	Moseley, Carole Seigel, Marielle Mo	· · · · · · · · · · · · · · · · · · ·						
Ano-Rectal:Lisa A. Kachnic, MD	,							
Hagen F. Kennecke, MD	4. SWOG Led Trials Updates							
Imaging:	a. \$1922	Michael Overman						
Pathology:	b. S2001	Vincent Chung						
Radiation Oncology:Lisa A. Kachnic, MD	c. S2104	Heloisa Soares/S. Ahmad						
Surgery: Stephen W. Behrman, MD	d. S2107	Van Morris						
Syed A. Ahmad, MD	e. S2012	David Zhen/E. Gabriela Chiorean						
Flavio Rocha, MD	f. S2303	Anwaar Saeed/Paul Oberstein						
Translational Medicine:Gabriel N. Duda, PhD, DMD	5. SWOG Co-Led Trials Updates							
Maheswari Senthil, MD	a. A022102	Paul Oberstein						
Designates	b. A022104	Arvind Dasari						
Cancer Control Liaisons: Jason A. Zell, DO (Prevention)	c. A022001	Heloisa Soares						
Afsaneh Barzi, MD (CCD)	d. A022101	Sepideh Gholami						
Community Liaisons: Gary L. Buchschacher, MD, PhD (Medical Oncology)	e. A021804	Charles Lopez						
Mohamed E. Salem, MD (Medical Oncology)	f. A021806	Steve Behrman						
	g. EA2192	Philip Philip/E. Gabriela Chiorean						
	h. EA2183	David Horowitz						
DEI Champion:	i. EA2197	Flavio Rocha						
	j. EA2176	Van Morris						
Digital Engagement:	k. EA2182	J. Murphy						
Veterans Affairs:Rangaswamy Govindarajan, MD	I. NRG-GI003	A. El-Khoueiry						
Data Coordinators:	m. NRG-Gl004	Michael Overman						
Brian Zeller	n. CCTG NE1	Aman Chauhan						
Christine Magner								



Hagen Kennecke, Lisa Kachnic

Marwan Fakih, Philip Gold,

Syma Igbal, Zev Wainberg

Anthony El-Khoueiry

Arvind Dasari, Aman Chauhan

Rachna Shroff

Sepideh Gholami

6. Pancreatic

Davendra Sohal, Andrew Lowy a. Major recent clinical results

b. NCTN trials update

c. Future SWOG plans

7. Anal and Rectal

a. Major recent clinical results

b. NCTN trials update

c. Future SWOG plans

8. Colon

a. Major recent clinical results

b. NCTN trials update

c. Future SWOG plans

9. Gastroesophageal

a. Major recent clinical results

b. NCTN trials update

c. Future SWOG plans

10. Hepatobiliary

a. Major recent clinical results

b. NCTN trials update

c. Future SWOG plans

11. Neuroendocrine

a. Major recent clinical results

b. NCTN trials update

c. Future SWOG plans

12. Discussion/Other business

13. Adjourn

## Gastroesophageal

#### **Active Studies**

\$2303, "Randomized Phase II/III Trial of 2nd Line Nivolumab + Paclitaxel + Ramucirumab versus Paclitaxel + Ramucirumab in Patients with PD-L1 CPS ≥ 1 Advanced Gastric and Esophageal Adenocarcinoma (PARAMUNE)", Dr. Saeed. Activated: 5/6/24

CTSU/A022102, "Randomized Phase III Trial of mFOI FIRINOX +/-Nivolumab vs. FOLFOX +/- Nivolumab for First-Line Treatment of Metastatic HER2-Negative Gastroesophageal Adenocarcinoma." Dr. Oberstein. Activated: 1/17/19.

CTSU/EA2174, "A Phase II/III Study of Peri-Operative Nivolumab and Ipilimumab in Patients with Locoregional Esophageal and Gastroesophageal Junction Adenocarcinoma." Dr. Kelly. Activated: 1/17/19. Temporarily Closed to Accrual as of 12/29/22.

CTSU/EA2183, "A Phase III Study of Consolidative Radiotherapy in Patients with Oligometastatic HER2 Negative Esophageal and Gastric Adenocarcinoma (EGA)." Dr. Horowitz. Activated: 2/6/20.

#### **Pancreatic**

### **Developing Studies**

52433, "Randomized Phase II Study of Second-Line Chemotherapy with or without Panitumumab for Locally Advanced or Metastatic KRAS/BRAF V600E Wild Type Pancreatic Adenocarcinoma." Dr. Safyan.

#### **Active Studies**

**\$2001**, "Randomized Phase II Clinical Trial of Olaparib + Pembrolizumab Alone as Maintenance Therapy in Metastatic Pancreatic Cancer Patients with Germline BRCA1 or BRCA2 Mutations." Dr. Chung. Activated: 12/4/20.

CTSU/A021804, "A Prospective, Multi-Institutional Phase II Trial Evaluating Temozolomide vs. Temozolomide and Olaparib for Advanced Pheochromocytoma and Paraganglioma." Dr. C. Lopez. Activated: 11/2/20.

CTSU/A021806, "A Phase III Trial of Perioperative Versus Adjuvant Chemotherapy for Resectable Pancreatic Cancer." Dr. Noel. Activated: 7/1/20.

CTSU/EA2192, "APOLLO: A Randomized Phase II Double-Blind Study of Olaparib Versus Placebo Following Adjuvant Chemotherapy in Patients with Resected Pancreatic Cancer and a Pathogenic BRCA1, BRCA2 or PALB2 Mutation." Drs. Chiorean and Philip. Activated: 4/29/21.

## **Closed Studies**

EA2186, "A Randomized Phase II Study of Gemcitabine and Nab-Paclitaxel Compared with 5-Fluorouracil, Leucovorin, and Liposomal Irinotecan in Older Patients with Treatment Naïve Metastatic Pancreatic Cancer (GIANT)." Activated: 6/18/20. Dr. Zhen. Closed to Accrual as of 10/17/23

#### Neuroendocrine

#### **Active Studies**

**\$2104**, "Randomized Phase II Trial of Postoperative Adjuvant Capecitabine and Temozolimide versus Observation in High-Risk Pancreatic



Neuroendocrine Tumors." Dr. Soares. Activated: 10/14/21

**52012**, "Randomized Phase II/III Trial of First Line Platinum/Etoposide with or without Atezolizumab (NSC #783608) in Patients with Advanced or Metastatic Poorly Differentiated Extrapulmonary Neuroendocrine Carcinomas (NEC)" Activated Drs. D. Zhen, E. Chiorean, E. Burgess, E. Swisher, L. Byers. Activated: 12/2/21

#### **Closed Studies**

CTSU/A021602, "Randomized Double-Blinded Phase III Study of CABozantinib versus Placebo IN Advanced NEuroendocrine Tumors after Progression on Prior Therapy (CABINET)." Dr. Strosberg. Activated: 7/18/18. Closed to Accrual as of 9/8/23

## Hepatobiliary

#### **Active Studies**

- CTSU/NRG-GI003, "A Phase III Randomized Trial of Protons Versus Photons for Hepatocellular Carcinoma." Dr. El-Khoueiry. Activated: 6/21/17.
- CTSU/EA2197, "Optimal Perioperative Therapy for Incidental Gallbladder Cancer (OPT-IN): A Randomized Phase II/III Trial." Dr. Rocha. Activated: 12/22/20.

#### **Closed Studies**

- S1815, "A Phase III Randomized Trial of Gemcitabine, Cisplatin, and Nab-Paclitaxel Versus Gemcitabine and Cisplatin in Newly Diagnosed, Advanced Biliary Tract Cancers." Dr. Shroff. Activated: 12/3/18. Permanently Closed: 2/15/21.
- CTSU/EA2187, "A Phase 2 Study of Pevonedistat in Combination with Carboplatin and Paclitaxel in Advanced Intrahepatic Cholangiocarcinoma." Dr. Stein. Activated: 1/31/20. Permanently Closed: 3/22/23.

#### Colorectal

## **Active Studies**

- **S2107**, "Randomized Phase II Trial of Encorafenib and Cetuximab with or without Nivolumab for Patients with Microsatellite Stable, BRAFV600E Metastatic Colorectal Cancer." Dr. Morris. Activated: 6/6/22.
- A022101, "A Pragmatic Randomized Phase III Trial Evaluating Total
  Ablative Therapy for Patients with Limited Metastatic Colorectal Cancer:
  Evaluating Radiation, Ablation, and Surgery (ERASur)" SWOG Champion:
  S. Gholami Activated: 1/10/23.
- CTSU/NRG-GI008, Colon Adjuvant Chemotherapy Based on Evaluation

- of Residual Disease (CIRCULATE-US) SWOG GI Committee Co-Chairs: P. Philip & C. Eng Activated: 3/10/22
- CTSU/NRG-GI005, "Phase II/III Study of Circulating Tumor DNA as a Predictive Biomarker in Adjuvant Chemotherapy in Patients with Stage IIA Colon Cancer (COBRA)." Dr. Scott. Activated: 12/16/19.
- CTSU/NRG-GI004/ S1610, "Colorectal Cancer Metastatic dMMR/MSI-H Immuno-Therapy (COMMIT) Study: A Randomized Phase III Study of mFOLFOX6/Bevacizumab/Atezolizumab Combination versus Single Agent Atezolizumab in the First-Line Treatment of Patients with Deficient DNA Mismatch Repair (dMMR)/Microsatellite Instability-High (MSI-H) Metastatic Colorectal Cancer." Dr. Overman. Activated: 11/7/17.

#### **Closed Studies**

- S1613, "A Randomized Phase II Study of Trastuzumab and Pertuzumab (TP) Compared to Cetuximab and Irinotecan (CETIRI) in Advanced/Metastatic Colorectal Cancer (MCRC) with HER-2 Amplification." Dr. Raghav. Activated: 10/19/17. Step 3 permanently closed: 11/30/23
- S0820, "A Double Blind Placebo-Controlled Trial of Eflornithine and Sulindac to Prevent Recurrence of High Risk Adenomas and Second Primary Colorectal Cancers in Patients with Stage 0-III Colon or Rectal Cancer, Phase III – Preventing Adenomas of the Colon with Eflornithine and Sulindac (PACES)." Dr. Zell. Activated: 3/1/13. Permanently Closed: 6/30/23
- CTSU/A021502, "Randomized Trial of Standard Chemotherapy Alone or Combined with Atezolizumab as Adjuvant Therapy for Patients with Stage III Colon Cancer and Deficient DNA Mismatch Repair." Dr. Lieu. Activated: 9/12/17. Permanently Closed: 1/17/23
- CTSU/A021703, "Randomized Double-Blind Phase III Trial of Vitamin D3
  Supplementation in Patients with Previously Untreated Metastatic
  Colorectal Cancer (SOLARIS)." Dr. Cohen. Activated: 9/30/19. Permanently
  Closed: 12/15/22

#### Anal

#### **Active Studies**

- A022104, "The Janus Rectal Cancer Trial: A Randomized Phase II Trial
  Testing the Efficacy of Triplet Versus Doublet Chemotherapy to Achieve
  Clinical Complete Response in Patients with Locally Advanced Rectal
  Cancer" Activated 11/9/22. SWOG Champion: A. Dasari
- CTSU/EA2176, "Randomized Phase III Study of Immune Checkpoint Inhibition with Chemotherapy in Treatment-Naïve Metastatic Anal Cancer Patients." Dr. Morris. Activated: 10/15/20.



CTSU/EA2182, "A Randomized Phase II Study of De-Intensified ChemoRadiation for Early-Stage Anal Squamous Cell Carcinoma (DECREASE)." Dr. Murphy. Activated: 11/12/19.

CTSU/EA2201, "A Phase II Study of Neoadjuvant Nivolumab Plus Ipilimumab and Short-Course Radiation in MSI-H/dMMR Locally Advanced Rectal Adenocarcinoma." Dr. Cho. Activated 5/13/21.

#### Other

### **Developing Studies**

**S2408**, "A Randomized Phase III Blinded Trial of Lanreotide for the Prevention of Postoperative Pancreatic Fistula" Dr. Sham. Activating November 2024.

#### **Publications**

The publications listed below were received by the Group Chair's Office as published (including online), accepted, or submitted since the SWOG Spring 2024 Group Meeting. Conference abstracts are not included.

Because of journal embargo policies, journal names are omitted for submitted or accepted manuscrips.

## **Published/Accepted Manuscripts**

S1505 Body Composition Measurements and Clinical Outcomes in Patients with Resectable Pancreatic Adenocarcinoma: Analysis from SWOG S1505 [Brief Report]. Sohal D, Boutin R, Lenchik L, Kim J, Beg S, Wang-Gillam A, Wade J, Guthrie KA, Chiorean E, Ahmad S, Lowy A, Philip P, Chang V. J Gastrointest Surg . Mar;28(3):232-235, 2024. https://pubmed.ncbi.nlm.nih.gov/38445914/

<u>S1505</u> Failure to Undergo Resection Following Neoadjuvant Therapy for Resectable Pancreatic Cancer: A Secondary Analysis of SWOG S1505. Cloyd J, Colby S, Guthrie KA, Lowy A, Chiorean E, Philip P, Sohal D, Ahmad S. <u>J Natl Compr Canc Netw</u> Apr 29:1-6. 2024. <a href="https://pubmed.ncbi.nlm.nih.gov/38688309/">https://pubmed.ncbi.nlm.nih.gov/38688309/</a>

A021501 Postoperative Adverse Events Following Neoadjuvant Therapy and Surgery in a Phase 2 Borderline Resectable Pancreatic Cancer Clinical Trial (Alliance A021501). Snyder R, Zemla T, Shi Q, Segovia D, Ahmad S, O'Reilly E, Herman J, Katz M. Annals of Surgical Oncology Jul 15. doi: 10.1245/s10434-024-15670-6. Online ahead of print, 2024. https://pubmed.ncbi.nlm.nih.gov/39008208/

A022104 Alliance A022104/NRG-GI010: The Janus Rectal Cancer Trial: a randomized phase II/III trial testing the efficacy of triplet versus doublet chemotherapy regarding clinical complete response and disease-free

survival in patients with locally advanced rectal cancer. Alvarez J, Shi Q, Dasari A, Garcia-Aguilar J, Sanoff H, George TJ, Hong TS, Yothers G, Philip PA, Nelson GD, Al Baghdadi T, Alese O, Zambare W, Omer DM, Verheij FS, Buckley J, Williams H, George M, Garcia R, O'Reilly EM, Meyerhardt JA, Shergill A, Horvat N, Romesser PB, Hall WA, Smith JJ. <u>BMC Cancer</u> Jul 26;24(1):901, 2024. <a href="https://pubmed.ncbi.nlm.nih.gov/39060961/">https://pubmed.ncbi.nlm.nih.gov/39060961/</a>

C80405 HER2 gene expression levels are predictive and prognostic in patients with metastatic colorectal cancer enrolled in CALGB/SWOG 80405. Battaglin F, Ou F, Qu X, Bertagnolli M, Hochster H, Niedzwiecki D, Goldberg R, Mayer R, Ashouri K, Zemla T, Blanke CD, Venook A, Kabbarah O, Lenz H-J, Innocenti F. Journal of Clinical Oncology Jun 1;42(16):1890-1902, 2024. https://pubmed.ncbi.nlm.nih.gov/38457761/

CRS and CCL5 gene expression in colorectal cancer: comprehensive profiling and clinical value. Battaglin F, Baca Y, Millstein J, Xiu J, Arai Y, Wang J, Ou F, Innocenti F, Jayachandran P, Kawanishi N, Lenz A,Soni S, Algaze S, Zhang W, Yang Y, Seeber A, Abraham J, Lou E, Philip PA, Weinberg B, Shields AF, Goldberg R, Marshall J, Venook A, Korn W, Lenz H-J. Journal of Immunotherapy of Cancer Jan 11;12(1):e007939, 2024. https://pubmed.ncbi.nlm.nih.gov/38212126/

C80405 DNA Mutational Profiling in Patients With Colorectal Cancer Treated With Standard of Care Reveals Differences in Outcome and Racial Distribution of Mutations. Innocenti F, Mu W, Qu X, Ou FS, Kabbarah O, Blanke CD, Venook AP, Lenz HJ, Rashid NU. <u>Journal of Clinical Oncology</u> Feb 1;42(4):399-409, 2024. https://pubmed.ncbi.nlm.nih.gov/37992266/

C80405 q-Diffusion leverages the full dimensionality of gene coexpression in single-cell transcriptomics. Marmarelis M, Singh N, Littman R, Battaglin F, Ambite J, Galstyan A, Lenz H-J, Ver Steeg G. Communications Biology Apr 2;7(1):400, 2024. https://pubmed.ncbi.nlm.nih.gov/38565955/

C80702 Improved survival with adjuvant COX-2 inhibition in PIK3CA-activated stage III colon cancer.Nowak J, Twombly T, Ma C, Shi Q, Haruki K, Fujiyoshi K, Vayrynen J, Zhao M, Knight J, Mane S, Kumar P, Couture F, Kuebler P, Krishnamurthi S, Tan B, Philip P, O'Reilly E, Shields A, Ogino S, Fuchs C, Meyerhardt J. <u>Journal of Clinical Oncology</u> Jun18:JCO2301680. doi: 10.1200/JCO.23.01680. Online ahead of print, 2024. https://pubmed.ncbi.nlm.nih.gov/38889377/

C80702/Other Oxaliplatin-Based Adjuvant Chemotherapy in Older Patients With Stage III Colon Cancer: An ACCENT/IDEA Pooled Analysis of 12 Trials. Gallois C, Shi Q, Pederson LD, André T, Iveson TJ, Sobrero



AF, Alberts S, de Gramont A, Meyerhardt JA, George T, Schmoll HE, Souglakos I, Harkin A, Labianca R, Sinicrope FA, Oki E, Shields AF, Boukovinas I, Kerr R, Lonardi S, Yothers G, Yoshino T, Goldberg RM, Taieb J, Papamichael D. <u>Journal of Clinical Oncology</u> Jul 1;42(19):2295-2305, 2024. https://pubmed.ncbi.nlm.nih.gov/38547438/

#### **Submitted Manuscripts**

- S1505 Chemotherapy Dose Density is Prognostic for Overall Survival in Patients with Resectable Pancreas Cancer: A Landmark Analysis of SWOG 1505. Patel S, Colby S, Sohal D, Guthrie K, Kachnic L, Chiorean EG, Lowy A, Rocha F, Hochster H, Philip P, Ahmad S. Submitted 2024.
- S1613 Trastuzumab Plus Pertuzumab Versus Cetuximab Plus Irinotecan in Patient with RAS/BRAF wild-type, HER2-positive, Metastatic Colorectal Cancer(S1613): A Randomized Phase 2 Trial. Raghav K, Guthrie K, Tan B, Denlinger C, Fakih M, Overman M, Dasari NA, Corum L, Hicks L, Patel M, Esparaz B, Kazmi S, Alluri N, Colby S, Gholami S, Gold P, Chiorean EG, Kopetz ES, Hochster H, Philip PA. Submitted 2024.
- SWOG S1815: A Phase III Randomized Trial of Gemcitabine, Cisplatin, and Nab-Paclitaxel versus Gemcitabine and Cisplatin in Newly Diagnosed, Advanced Biliary Tract Cancers (SWOG S1815; NCT#03768414). Shroff R, King G, Colby S, Scott A, Borad M, Matin K, Mahipal A, Kalyan A, Javle M, El Dika I, Tan B, Cheema P, Patel A, Iyer R, Kelley R, Thumar J, El-Khoueiry A, Guthrie K, Chiorean EG, Hochster H, Philip P. Submitted 2024.
- Solve The Effect of Radiation Modality on Outcomes of Patients
  Receiving Adjuvant Chemoradiotherapy for Extrahepatic
  Cholangiocarcinoma and Gallbladder Carcinoma: A Secondary Analysis
  of SWOG S0809. Horowitz D, Colby S, Gholami S, Guthrie KA, Ben-Josef
  E, El-Khoueiry A, Blanke CD, Philip P, Chiorean E, Rocha F, Ahmad S,
  Kachnic L. Submitted/in revision 2024.
- NO147 Cetuximab reduces patient quality of life when administered with mFOLFOX6 as adjuvant treatment following complete resection of KRAS wild-type tumors for stage III colorectal cancer (N0147 Alliance). Mahoney MR, Sloan JA, Hubbard JM, Tan AD, Liu H, Goldberg RM, Nair SG, Shields AF, Gill S, Jahagirdar B, Benson A, Sargent DJ, Alberts SR. Submitted 2024.



	51922	52001	52104	52107	52303	A021502	A021602	A021806	A022001	A022102
Ascension Providence Hospitals - Southfield	-	2	-	-	-	3	-	-	-	-
Banner University Medical Center - Tucson	-	-	6	-	-	2	3	1	_	-
Baptist Mem Health Care/Mid South Minority Underserved NCORP	-	2	_	-	-	-	_	-	_	-
Baylor College of Medicine/Duncan Comprehensive Cancer Center	-	-	-	-	-	-	-	-	-	-
Boston Medical Center	-	-	-	-	-	1	3	1	-	3
CWRU Case Comprehensive Cancer Center LAPS	-	-	-	-	-	6	-	2	-	-
Cancer Research Consortium of West Michigan NCORP	-	-	-	2	-	-	-	-	-	-
Cancer Research for the Ozarks NCORP	-	1	-	-	-	-	-	-	-	-
Cancer Research of Wisconsin and Northern Michigan Consortium	-	-	-	-	1	-	-	-	-	-
Carle Cancer Center NCI Community Oncology Research Program	1	-	1	1	-	-	-	-	-	-
City of Hope Comprehensive Cancer Center	-	4	-	-	-	-	1	-	-	-
Columbia University Minority Underserved NCORP	-	1	-	-	-	-	-	-	-	-
CommonSpirit Health Research Institute	-	-	1	2	-	-	-	-	-	-
Corewell Health William Beaumont University Hospital	-	-	-	-	-	1	-	-	-	-
Dayton NCI Community Oncology Research Program	-	-	-	-	-	3	-	-	-	-
Fred Hutchinson Cancer Research Center LAPS	-	-	2	-	-	4	-	2	-	-
Gulf South Minority Underserved NCORP	-	-	-	3	-	-	-	-	-	-
Hawaii Minority Underserved NCORP	-	-	-	-	-	-	-	-	-	-
Heartland Cancer Research NCORP	1	1	-	3	-	-	-	-	-	-
Henry Ford Hospital	-	1	-	-	-	-	-	-	-	-
Houston Methodist Hospital	-	-	-	-	-	-	-	-	-	-
Kaiser Permanente NCI Community Oncology Research Program	-	-	-	5	-	17	-	-	-	-
Loma Linda University Medical Center	-	-	-	-	-	-	-	-	-	-
Medical University of South Carolina Minority Underserved NCORP	-	-	1	-	-	-	-	-	-	-
Michigan Cancer Research Consortium NCORP	1	2	-	3	-	-	-	-	-	-
Moffitt Cancer Center	-	-	2	-	-	-	4	-	-	-
Montana Cancer Consortium NCORP	-	-	-	1	-	-	-	-	-	-
NCORP of the Carolinas (Prisma Health NCORP)	-	-	1	-	-	-	-	-	-	-
Northwell Health NCORP	-	-	-	-	-	-	-	1	-	-
Northwestern University LAPS	1	-	-	-	-	1	-	1	-	-
Ohio State University Comprehensive Cancer Center LAPS	-	-	1	-	-	-	-	-	-	-



	51922	52001	52104	52107	52303	A021502	A021602	A021806	A022001	A022102
Oregon Health and Science University	-	-	1	-	-	-	-	-	-	-
Pacific Cancer Research Consortium NCORP	-	1	2	2	_	-	_	-	-	-
STCC at DHR Health Institute for Research and Development	-	-	-	-	-	-	-	-	-	-
Southeast Clinical Oncology Research Consortium NCORP	-	2	4	4	-	-	-	-	-	-
Sutter Cancer Research Consortium	-	-	-	-	-	3	-	-	-	-
The Don and Sybil Harrington Cancer Center	-	-	-	-	-	-	-	2	-	-
The West Clinic - Wolf River	-	-	-	-	-	-	-	-	-	-
UC Davis Comprehensive Cancer Center LAPS	-	-	-	-	-	4	-	-	-	-
UC Irvine Health/Chao Family Comprehensive Cancer Center	-	2	-	2	-	-	-	-	-	3
USC Norris Comprehensive Cancer Center LAPS	-	-	1	-	-	2	-	-	-	-
U of Alabama at Birmingham/Deep South Research Consortium LAPS	-	-	-	-	-	-	-	-	-	1
University of Arkansas for Medical Sciences	-	-	-	-	-	-	-	-	-	-
University of Cincinnati Cancer Center-UC Medical Center	-	-	1	-	-	-	-	-	-	-
University of Colorado Cancer Center LAPS	-	2	-	6	-	6	-	-	-	-
University of Kansas Cancer Center - MCA Rural MU NCORP	-	-	-	-	-	3	-	-	-	5
University of Kentucky/Markey Cancer Center	-	-	3	-	-	-	-	-	-	-
University of Michigan Comprehensive Cancer Center LAPS	3	3	1	-	-	-	4	4	-	-
University of Oklahoma Health Sciences Center LAPS	-	-	-	-	-	-	-	-	-	-
University of Rochester LAPS	1	-	-	-	-	2	8	11	-	1
University of Texas Health Science Center at San Antonio	-	-	-	-	-	-	-	3	-	-
University of Texas MD Anderson Cancer Center LAPS	11	-	-	8	-	-	-	-	-	-
University of Utah - Huntsman Cancer Institute LAPS	-	1	3	-	-	-	-	-	1	-
Vanderbilt University - Ingram Cancer Center LAPS	-	4	-	1	-	-	-	-	-	-
Virginia Mason Medical Center	-	-	-	-	-	4	2	-	-	-
Wayne State University - Karmanos Cancer Institute LAPS	-	1	-	-	-	2	-	-	-	2
Wisconsin NCI Community Oncology Research Program	-	-	1	1	-	-	-	-	-	-
Yale University - Yale Cancer Center LAPS	-	-	-	-	-	4	-	2	1	-
ALLIANCE	10	5	3	7	-	-	-	-	-	-
ECOG-ACRIN	2	11	5	11	-	-	-	-	-	-
NRG	3	5	7	7	-	-	-	-	-	-
Total	34	51	47	69	1	68	25	30	2	15



	A022104	CCTGCO32	CCTGNET	EA2174	EA2176	EA2182	EA2186	EA2187	EA2192
Ascension Providence Hospitals - Southfield	-	-	-	-	1	2	2	-	-
Banner University Medical Center - Tucson	-	-	-	-	-	-	-	-	-
Baptist Memorial Health Care/Mid South Minority Underserved NCORP	-	-	-	-	-	-	-	-	-
Baylor College of Medicine/Dan L Duncan Comprehensive Cancer Center	4	-	-	-	-	-	-	-	-
Boston Medical Center	5	-	-	2	-	2	-	-	-
CWRU Case Comprehensive Cancer Center LAPS	-	-	-	2	-	4	1	3	-
Cancer Research Consortium of West Michigan NCORP	-	-	-	-	-	-	-	-	-
Cancer Research for the Ozarks NCORP	-	-	-	-	-	-	-	-	-
Cancer Research of Wisconsin and Northern Michigan Consortium	-	-	-	-	-	-	-	-	-
Carle Cancer Center NCI Community Oncology Research Program	-	-	-	-	-	-	-	-	-
City of Hope Comprehensive Cancer Center	-	-	-	-	-	-	3	-	-
Columbia University Minority Underserved NCORP	-	-	-	-	-	-	-	-	_
CommonSpirit Health Research Institute	-	-	-	-	-	-	-	-	-
Corewell Health William Beaumont University Hospital	-	-	-	-	-	-	-	-	_
Dayton NCI Community Oncology Research Program	-	-	-	-	-	-	1	-	-
Fred Hutchinson Cancer Research Center LAPS	6	-	-	-	-	-	1	-	_
Gulf South Minority Underserved NCORP	-	-	-	-	-	-	-	-	-
Hawaii Minority Underserved NCORP	-	-	-	-	-	-	2	-	_
Heartland Cancer Research NCORP	-	-	-	-	-	-	-	-	-
Henry Ford Hospital	_	-	-	-	_	-	-	-	_
Houston Methodist Hospital	-	-	-	_	-	_	-	-	-
Kaiser Permanente NCI Community Oncology Research Program	_	-	_	-	6	-	-	-	_
Loma Linda University Medical Center	-	-	-	_	-	_	-	-	-
Medical University of South Carolina Minority Underserved NCORP	_	-	_	-	_	-	-	-	_
Michigan Cancer Research Consortium NCORP	_	_	_	_	_	-	_	_	-
Moffitt Cancer Center	_	-	_	-	-	-	_	-	_
Montana Cancer Consortium NCORP	_	_	_	-	-	_	_	_	-
NCORP of the Carolinas (Prisma Health NCORP)	_	-	_	-	-	-	_	-	_
Northwell Health NCORP	-	_	_	1	-	-	2	-	-
Northwestern University LAPS	_	-	_	-	1	-	1	-	_
Ohio State University Comprehensive Cancer Center LAPS	-	-	-	-	-	-	-	-	-



	A022104	CCTGCO32	CCTGNET	EA2174	EA2176	EA2182	EA2186	EA2187	EA2192
Oregon Health and Science University	-	-	-	-	4	1	-	-	2
Pacific Cancer Research Consortium NCORP	-	-	-	-	-	-	-	-	_
STCC at DHR Health Institute for Research and Development	-	-	-	-	-	-	-	-	_
Southeast Clinical Oncology Research Consortium NCORP	-	-	-	-	-	-	-	-	_
Sutter Cancer Research Consortium	-	-	-	-	-	-	-	1	-
The Don and Sybil Harrington Cancer Center	1	-	-	-	-	-	-	-	-
The West Clinic - Wolf River	11	-	-	-	-	-	-	-	-
UC Davis Comprehensive Cancer Center LAPS	1	-	-	-	-	-	-	-	-
UC Irvine Health/Chao Family Comprehensive Cancer Center	4	1	-	-	4	1	2	-	-
USC Norris Comprehensive Cancer Center LAPS	-	-	-	1	2	-	-	-	-
University of Alabama at Birmingham/Deep South Research Consortium LAPS	-	-	-	-	-	-	-	-	-
University of Arkansas for Medical Sciences	-	-	-	-	2	-	-	-	-
University of Cincinnati Cancer Center-UC Medical Center	-	-	-	-	1	1	-	-	-
University of Colorado Cancer Center LAPS	-	-	1	-	-	2	1	-	-
University of Kansas Cancer Center - MCA Rural MU NCORP	-	-	-	-	-	-	-	1	-
University of Kentucky/Markey Cancer Center	-	-	-	-	-	-	-	-	-
University of Michigan Comprehensive Cancer Center LAPS	1	-	-	-	-	-	-	-	-
University of Oklahoma Health Sciences Center LAPS	-	-	-	-	-	-	-	-	-
University of Rochester LAPS	13	-	-	-	-	-	7	2	-
University of Texas Health Science Center at San Antonio	4	-	-	-	-	-	3	-	-
University of Texas MD Anderson Cancer Center LAPS	-	-	-	-	10	-	-	-	-
University of Utah - Huntsman Cancer Institute LAPS	-	-	-	-	-	-	-	-	-
Vanderbilt University - Ingram Cancer Center LAPS	8	-	-	-	-	-	-	-	-
Virginia Mason Medical Center	3	-	-	-	-	-	-	-	-
Wayne State University - Karmanos Cancer Institute LAPS	-	-	-	-	-	1	-	-	-
Wisconsin NCI Community Oncology Research Program	-	-	-	-	-	-	-	-	-
Yale University - Yale Cancer Center LAPS	-	-	-	-	-	-	-	-	-
ALLIANCE	-	-	-	-	-	-	-	-	-
ECOG-ACRIN	-	-	-	-	-	-	-	-	-
NRG	-	-	-	-	-	-	-	-	-
Total	61	1	1	6	31	14	26	7	2



	EA2197	EA2222	NRGGI004	NRGGI005	NRGG1006	NRGG1008
Ascension Providence Hospitals - Southfield	-	-	-	5	-	1
Banner University Medical Center - Tucson	-	-	-	-	-	-
Baptist Memorial Health Care/Mid South Minority Underserved NCORP	-	-	-	3	-	1
Baylor College of Medicine/Dan L Duncan Comprehensive Cancer Center	-	-	-	-	-	1
Boston Medical Center	-	-	-	-	-	-
CWRU Case Comprehensive Cancer Center LAPS	-	-	-	-	-	-
Cancer Research Consortium of West Michigan NCORP	-	-	-	-	-	-
Cancer Research for the Ozarks NCORP	-	-	-	-	-	-
Cancer Research of Wisconsin and Northern Michigan Consortium	-	-	-	-	-	-
Carle Cancer Center NCI Community Oncology Research Program	-	-	-	-	-	-
City of Hope Comprehensive Cancer Center	-	-	-	-	-	-
Columbia University Minority Underserved NCORP	-	-	-	-	-	-
CommonSpirit Health Research Institute	-	-	-	-	-	-
Corewell Health William Beaumont University Hospital	-	-	-	-	-	-
Dayton NCI Community Oncology Research Program	-	-	-	1	-	-
Fred Hutchinson Cancer Research Center LAPS	-	-	-	-	-	-
Gulf South Minority Underserved NCORP	-	-	-	-	-	-
Hawaii Minority Underserved NCORP	-	-	-	-	-	-
Heartland Cancer Research NCORP	-	-	-	-	-	-
Henry Ford Hospital	-	-	-	1	-	-
Houston Methodist Hospital	-	-	1	-	-	-
Kaiser Permanente NCI Community Oncology Research Program	-	-	-	11	-	-
Loma Linda University Medical Center	-	-	-	-	-	1
Medical University of South Carolina Minority Underserved NCORP	-	-	-	-	-	-
Michigan Cancer Research Consortium NCORP	-	-	-	1	-	-
Moffitt Cancer Center	-	-	-	-	-	-
Montana Cancer Consortium NCORP	-	-	-	-	-	-
NCORP of the Carolinas (Prisma Health NCORP)	-	-	-	-	-	-
Northwell Health NCORP	-	-	-	1	-	1
Northwestern University LAPS	-	-	-	-	-	-
Ohio State University Comprehensive Cancer Center LAPS	-	-	-	-	-	-



	EA2197	EA2222	NRGGI004	NRGGI005	NRGGI006	NRGG1008
Oregon Health and Science University	4	-	-	1	-	-
Pacific Cancer Research Consortium NCORP	-	-	-	-	-	-
STCC at DHR Health Institute for Research and Development	-	-	-	1	-	-
Southeast Clinical Oncology Research Consortium NCORP	-	-	-	-	-	-
Sutter Cancer Research Consortium	-	-	-	-	-	-
The Don and Sybil Harrington Cancer Center	-	-	-	-	-	-
The West Clinic - Wolf River	-	-	-	-	-	2
UC Davis Comprehensive Cancer Center LAPS	1	-	-	1	-	-
UC Irvine Health/Chao Family Comprehensive Cancer Center	-	-	-	1	-	-
USC Norris Comprehensive Cancer Center LAPS	-	-	-	-	-	-
U of Alabama at Birmingham / Deep South Research Consortium LAPS	-	-	-	-	-	-
University of Arkansas for Medical Sciences	-	-	-	-	-	-
University of Cincinnati Cancer Center-UC Medical Center	-	-	-	-	-	-
University of Colorado Cancer Center LAPS	-	-	-	-	-	5
University of Kansas Cancer Center - MCA Rural MU NCORP	-	-	-	2	-	-
University of Kentucky/Markey Cancer Center	-	-	-	-	-	-
University of Michigan Comprehensive Cancer Center LAPS	-	1	-	-	-	-
University of Oklahoma Health Sciences Center LAPS	-	-	-	-	1	1
University of Rochester LAPS	-	-	1	-	-	5
University of Texas Health Science Center at San Antonio	-	-	-	-	-	-
University of Texas MD Anderson Cancer Center LAPS	-	-	13	1	-	-
University of Utah - Huntsman Cancer Institute LAPS	-	-	-	-	-	-
Vanderbilt University - Ingram Cancer Center LAPS	-	-	-	1	-	3
Virginia Mason Medical Center	1	-	-	-	-	-
Wayne State University - Karmanos Cancer Institute LAPS	-	-	-	-	-	-
Wisconsin NCI Community Oncology Research Program	-	-	-	-	-	-
Yale University - Yale Cancer Center LAPS	-	-	-	4	-	-
ALLIANCE	-	-	-	-	-	-
ECOG-ACRIN	-	-	-	-	-	-
NRG	-	-	-	-	-	-
Total	6	1	15	35	1	21



