Can the Compelling Power of Virtual Education Assist in Reducing Cancer Care Disparities, Particularly in Clinical Trial Participation?

> Friday, November 11, 2022 6:45 PM – 7:45 PM ET

> > Faculty

Shaachi Gupta, MD, MPH Zanetta S Lamar, MD Estelamari Rodriguez, MD, MPH



Commercial Support

This activity is supported by an educational grant from Astellas.

Research To Practice CME Planning Committee Members, Staff and Reviewers

Planners, scientific staff and independent reviewers for Research To Practice have no relevant conflicts of interest to disclose.



Dr Love — Disclosures

Dr Love is president and CEO of Research To Practice. Research To Practice receives funds in the form of educational grants to develop CME activities from the following companies: AbbVie Inc, Adaptive Biotechnologies Corporation, ADC Therapeutics, Agios Pharmaceuticals Inc, Alexion Pharmaceuticals, Amgen Inc, Array BioPharma Inc, a subsidiary of Pfizer Inc, Astellas, AstraZeneca Pharmaceuticals LP, Aveo Pharmaceuticals, Bayer HealthCare Pharmaceuticals, BeiGene Ltd, BeyondSpring Pharmaceuticals Inc, Blueprint Medicines, Boehringer Ingelheim Pharmaceuticals Inc, Bristol-Myers Squibb Company, Celgene Corporation, Clovis Oncology, Coherus BioSciences, CTI BioPharma Corp, Daiichi Sankyo Inc, Eisai Inc, Elevation Oncology Inc, EMD Serono Inc, Epizyme Inc, Exact Sciences Corporation, Exelixis Inc, Five Prime Therapeutics Inc, Foundation Medicine, G1 Therapeutics Inc, Genentech, a member of the Roche Group, Genmab, Gilead Sciences Inc, GlaxoSmithKline, Grail Inc, Halozyme Inc, Helsinn Healthcare SA, ImmunoGen Inc, Incyte Corporation, Ipsen Biopharmaceuticals Inc, Janssen Biotech Inc, administered by Janssen Scientific Affairs LLC, Jazz Pharmaceuticals Inc, Karyopharm Therapeutics, Kite, A Gilead Company, Kronos Bio Inc, Lilly, Loxo Oncology Inc, a wholly owned subsidiary of Eli Lilly & Company, MEI Pharma Inc, Merck, Mersana Therapeutics Inc, Mirati Therapeutics Inc, Natera Inc, Novartis, Novartis Pharmaceuticals Corporation on behalf of Advanced Accelerator Applications, Novocure Inc, Oncopeptides, Pfizer Inc, Pharmacyclics LLC, an AbbVie Company, Puma Biotechnology Inc, Regeneron Pharmaceuticals Inc, Sanofi, Seagen Inc, Servier Pharmaceuticals LLC, Sumitomo Dainippon Pharma Oncology Inc, Taiho Oncology Inc, Takeda Pharmaceuticals USA Inc, TerSera Therapeutics LLC, Tesaro, A GSK Company, TG Therapeutics Inc, Turning Point Therapeutics Inc, Verastem Inc and Zymeworks Inc.

Dr Gupta — Disclosures

Advisory Committee	Novartis, Puma Biotechnology Inc
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Dr Lamar — Disclosures

No relevant conflicts of interest to disclose



Dr Rodriguez — Disclosures

Advisory Committee	AstraZeneca Pharmaceuticals LP, Eisai Inc, Genentech, a member of the Roche Group, Lilly, Novartis, Novocure Inc, Regeneron Pharmaceuticals Inc
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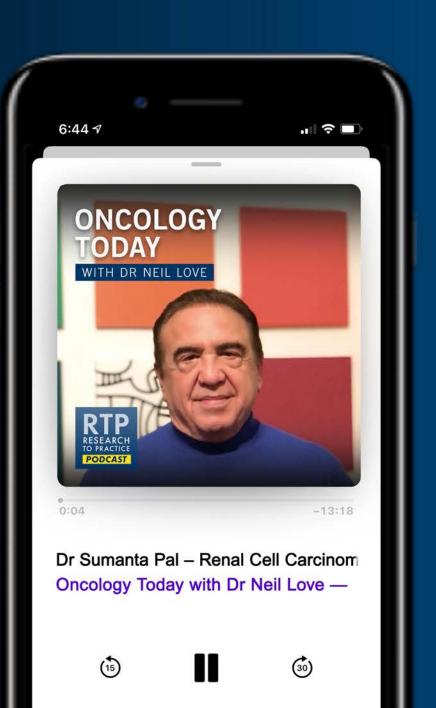


ONCOLOGY TODAY WITH DR NEIL LOVE









What Clinicians Want to Know: Addressing **Current Questions and Controversies in the Management of HER2-Positive Breast Cancer** Part 1 of a 2-Part CME Satellite Symposium Series Held in Conjunction with the 2022 San Antonio Breast Cancer Symposium® Wednesday, December 7, 2022 7:15 PM - 9:15 PM CT (8:15 PM - 10:15 PM ET) Faculty Erika Hamilton, MD Shanu Modi, MD Sara M Tolaney, MD, MPH Sara A Hurvitz, MD Ian E Krop, MD, PhD **Moderator** Neil Love, MD



What Clinicians Want to Know: Addressing Current Questions and Controversies in the Management of ER-Positive Breast Cancer

Part 2 of a 2-Part CME Satellite Symposium Series Held in Conjunction with the 2022 San Antonio Breast Cancer Symposium[®]

Thursday, December 8, 2022 7:15 PM – 9:15 PM CT (8:15 PM – 10:15 PM ET)

Faculty

Aditya Bardia, MD, MPH Matthew P Goetz, MD Virginia Kaklamani, MD, DSc Kevin Kalinsky, MD, MS Hope S Rugo, MD



Addressing Current Questions and Controversies in the Management of Chronic Lymphocytic Leukemia — What Clinicians Want to Know

Part 1 of a 3-Part CME Friday Satellite Symposium and Virtual Event Series Preceding the 64th ASH Annual Meeting

Friday, December 9, 2022 11:30 AM – 1:30 PM CT (12:30 PM – 2:30 PM ET)

Faculty

Alexey V Danilov, MD, PhD Matthew S Davids, MD, MMSc Professor Dr Arnon P Kater, MD, PhD Lindsey Roeker, MD Philip A Thompson, MB, BS



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Jonathan W Friedberg, MD, MMSc Brad S Kahl, MD David G Maloney, MD, PhD

Loretta J Nastoupil, MD Sonali M Smith, MD



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Thank you for joining us!

For CME credit, please fill out your CME Credit Form handout and return it to RTP staff as you leave.



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Participating Faculty



Shaachi Gupta, MD, MPH Medical Oncologist/Hematologist Florida Cancer Specialists and Research Institute Lake Worth, Florida



Estelamari Rodriguez, MD, MPH Clinical Research Lead Thoracic Site Disease Group Associate Director, Community Outreach Sylvester Comprehensive Cancer Center University of Miami Miller School of Medicine Miami, Florida



Zanetta S Lamar, MD Florida Cancer Specialists and Research Institute Naples, Florida



MODERATOR Neil Love, MD Research To Practice



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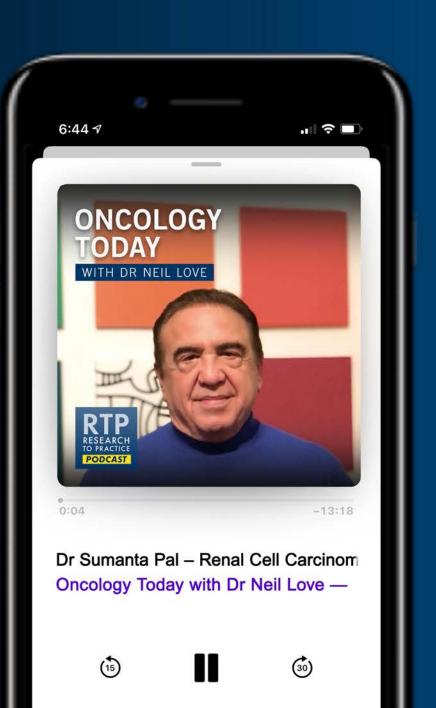


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Contributing Oncologists



Laila Agrawal, MD Norton Cancer Institute Louisville, Kentucky



Warren S Brenner, MD Lynn Cancer Institute Boca Raton, Florida



Jesús G Berdeja, MD Tennessee Oncology Nashville, Tennessee



Gigi Chen, MD John Muir Health Pleasant Hill, California



Bhavana (Tina) Bhatnagar, DO WVU Cancer Institute Schiffler Cancer Center Wheeling, West Virginia



Shaachi Gupta, MD, MPH Florida Cancer Specialists Lake Worth, Florida



Contributing Oncologists (Continued)



Gurveen Kaur, MD WVU Medicine Wheeling Hospital Wheeling, West Virginia



Ruben A Mesa, MD Mays Cancer Center San Antonio, Texas



Zanetta S Lamar, MD Florida Cancer Specialists Naples, Florida



Priya Rudolph, MD, PhD Georgia Cancer Specialists Athens, Georgia



Rajalaxmi McKenna, MD Southwest Medical Consultants SC Willowbrook, Illinois



Namrata I Peswani, MD UT Southwestern Medical Center Harold C Simmons Comprehensive Cancer Center Richardson, Texas



Agenda

(E) "Hormonal manipulation for the 1980s"

() Cases: CML, lung cancer

- 42-year-old man who presents with chronic myelogenous leukemia ... in 2004
- 79-year-old woman with metastatic adenocarcinoma of the lung and a MET exon 14 skipping mutation

Cases: Breast and prostate cancer

- 45-year-old premenopausal woman with ER/PR+, HER2-low (IHC 1+) metastatic breast cancer with disease progression on ovarian suppression, anastrozole and abemaciclib (PIK3CA WT)
- 49-year-old man with de novo metastatic prostate cancer



Agenda (Continued)

Cases: CLL, AML

- 80-year-old man with chronic lymphocytic leukemia who requires treatment
- 77-year-old woman with acute myeloid leukemia on decitabine/venetoclax

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- 75-year-old man on a clinical trial of the anti-BCMA bispecific antibody teclistamab
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- **Seneral medical oncologists reflect on post-COVID-19 virtual platforms**

Hybrid meetings

American Oncology Network (AON) annual meeting/"Hologram" meeting moderator

Pilot project: "What I tell my patients"

Collaborative decision-making; advantages of clinical research



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HORMONAL MANIPULATION FOR THE 1980's

Produced by Neil Love, M.D.



Agenda

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42-year-old man with chronic myeloid leukemia and osteopenia after long-term imatinib therapy

Dr Rajalaxmi McKenna Willowbrook, Illinois

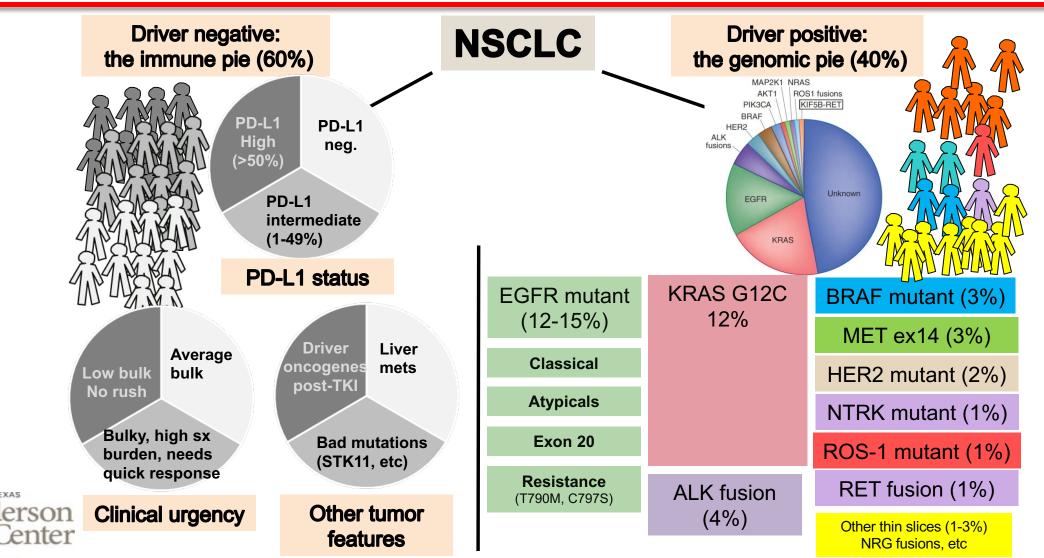


79-year-old woman with metastatic lung adenocarcinoma with a <u>MET exon 14</u> <u>mutation</u> who has toxicity with capmatinib

Dr Gigi Chen Pleasant Hill, California



NSCLC 2022: Precision therapy for driver oncogenes, but immunotherapy based on PD-L1, and subjective "clinical factors"



Making Cancer History*

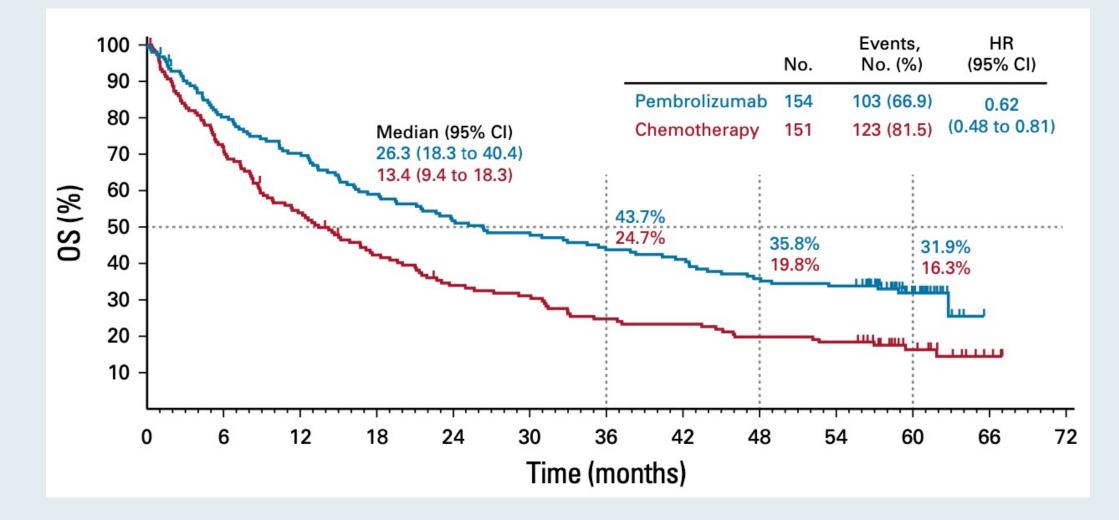
THE UNIVERSITY OF TEXAS

Timeline of Select Immunotherapy Approvals in Non-Small Cell Lung Cancer (NSCLC)

March 4, 2015	Nivolumab approved for second-line treatment of metastatic NSCLC	
October 2, 2015	Pembrolizumab approved for second-line treatment of metastatic NSCLC (PD-L1-positive)	
October 1, 2016	Pembrolizumab approved for first-line treatment of metastatic NSCLC (PD-L1 ≥50%)	
May 1, 2017	Pembrolizumab in combination with chemotherapy receives accelerated approval for first-line treatment of metastatic NSCLC	
August 20, 2018	Pembrolizumab in combination with chemotherapy approved for first-line treatment of metastatic NSCLC	



KEYNOTE-024: 5-Year OS Update with Pembrolizumab Monotherapy for PD-L1 ≥50%





Reck M et. al. J Clin Oncol. 2021;39(21):2339-2349.

Agenda

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45-year-old woman with ER/PR-positive, HER2-low (IHC 1+) metastatic breast cancer who experiences PD after abemaciclib/OFS and an AI

Dr Laila Agrawal Louisville, Kentucky



49-year-old man with multiple medical comorbidities who presents with de novo mHSPC (PSA 19.4) and responds to ADT/docetaxel

Dr Gurveen Kaur Wheeling, West Virginia









Trastuzumab deruxtecan (T-DXd) vs treatment of physician's choice in patients with HER2-low unresectable and/or metastatic breast cancer: Results of DESTINY-Breast04, a randomized, phase 3 study

Shanu Modi Memorial Sloan Kettering Cancer Center, Memorial Hospital, New York, NY, USA

June 5, 2022

Additional authors: William Jacot, Toshinari Yamashita, Joo Hyuk Sohn, Maria Vidal, Eriko Tokunaga, Junji Tsurutani, Naoto Ueno, Yee Soo Chae, Keun Seok Lee, Naoki Niikura, Yeon Hee Park, Xiaojia Wang, Binghe Xu, Dhiraj Gambhire, Lotus Yung, Gerold Meinhardt, Yibin Wang, Nadia Harbeck, David Cameron

On behalf of the DESTINY-Breast04 investigators

The NEW ENGLAND JOURNAL of MEDICINE N Engl J Med 2022;387(1):9-20.

ORIGINAL ARTICLE

Trastuzumab Deruxtecan in Previously Treated HER2-Low Advanced Breast Cancer

S. Modi, W. Jacot, T. Yamashita, J. Sohn, M. Vidal, E. Tokunaga, J. Tsurutani, N.T. Ueno, A. Prat, Y.S. Chae, K.S. Lee, N. Niikura, Y.H. Park, B. Xu, X. Wang, M. Gil-Gil, W. Li, J.-Y. Pierga, S.-A. Im, H.C.F. Moore, H.S. Rugo, R. Yerushalmi, F. Zagouri, A. Gombos, S.-B. Kim, Q. Liu, T. Luo, C. Saura, P. Schmid, T. Sun, D. Gambhire, L. Yung, Y. Wang, J. Singh, P. Vitazka, G. Meinhardt, N. Harbeck, and D.A. Cameron, for the DESTINY-Breast04 Trial Investigators*

The NEW ENGLAND JOURNAL of MEDICINE

N Engl J Med 2022;387(1):75-6.

EDITORIALS

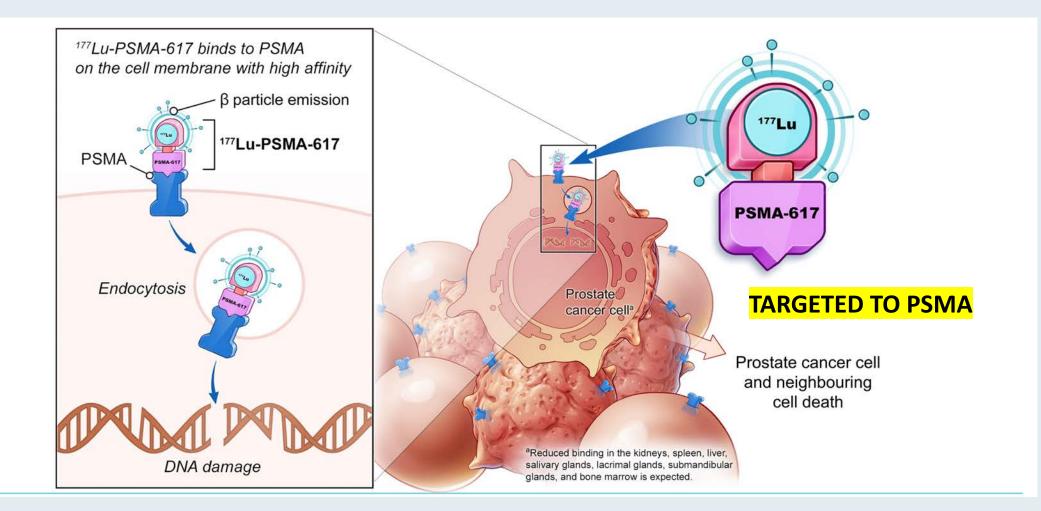


DESTINY-Changing Results for Advanced Breast Cancer



Sara A. Hurvitz, M.D.

¹⁷⁷Lu-PSMA-617: Mechanism of Action





Morris MJ et al. ASCO 2021; Abstract LBA4.

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- **Output** General medical oncologists reflect on post-COVID-19 virtual platforms

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Collaborative decision-making; advantages of clinical research





80-year-old man with newly diagnosed del(13q) chronic lymphocytic leukemia and lifethreatening anemia

Dr Namrata Peswani Richardson, Texas



77-year-old woman who received decitabine/venetoclax for acute myeloid leukemia

Dr Tina Bhatnagar Wheeling, West Virginia

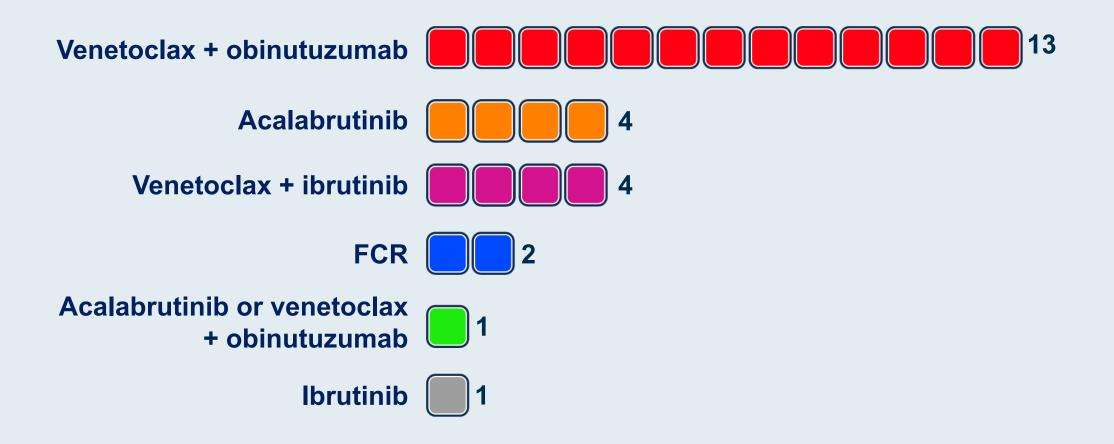


<u>Regulatory and reimbursement issues aside</u>, what would be your preferred initial regimen for a <u>60-year-old</u> patient with CLL with <u>IGHV mutation</u> but no del(17p) or TP53 mutation who required treatment?

Dr Brown	FCR	Dr Rogers	Acalabrutinib or Venetoclax/ obinutuzumab
Dr Davids	Venetoclax/ obinutuzumab	Dr Sharman	Venetoclax/ obinutuzumab
Dr Hillmen	Venetoclax/ obinutuzumab	Dr Wierda	Venetoclax/ibrutinib
Dr O'Brien	Venetoclax/ obinutuzumab		



<u>Regulatory and reimbursement issues aside</u>, what would be your preferred initial regimen for a <u>60-year-old</u> patient with <u>IGHV-mutated</u> CLL without del(17p) or TP53 mutation who requires treatment?



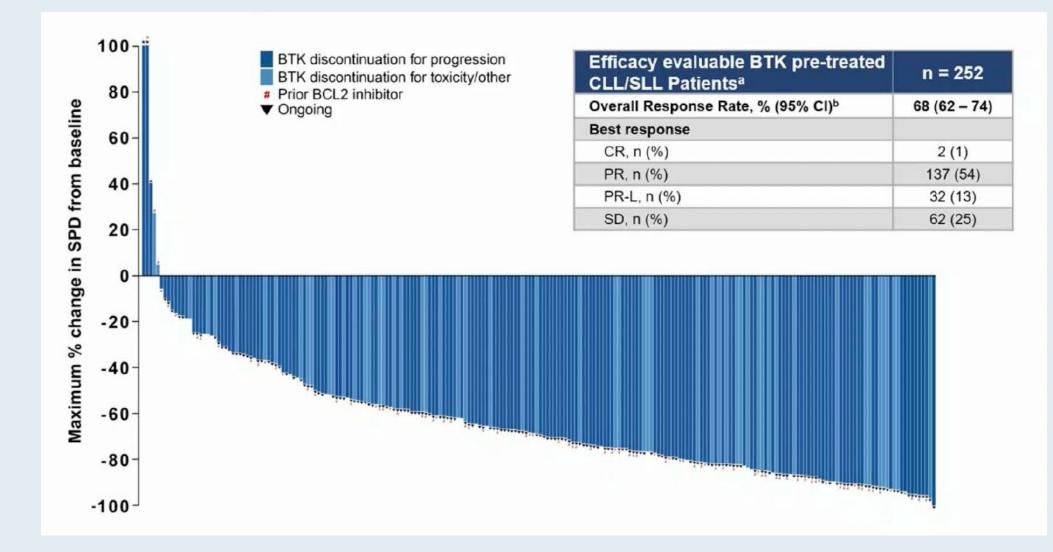
Survey of 25 US-based clinical investigators

Regulatory and reimbursement issues aside, what would be your preferred initial regimen for a <u>60-year-old</u> patient with CLL, unmutated IGHV and no <u>del(17p)</u> or TP53 mutation who required treatment?

Dr Brown	Venetoclax + obinutuzumab	Dr Rogers	Acalabrutinib or Venetoclax/ obinutuzumab
Dr Davids	Venetoclax + obinutuzumab	Dr Sharman	Venetoclax/ obinutuzumab
Dr Hillmen	Venetoclax/ibrutinib	Dr Wierda	Venetoclax/ibrutinib
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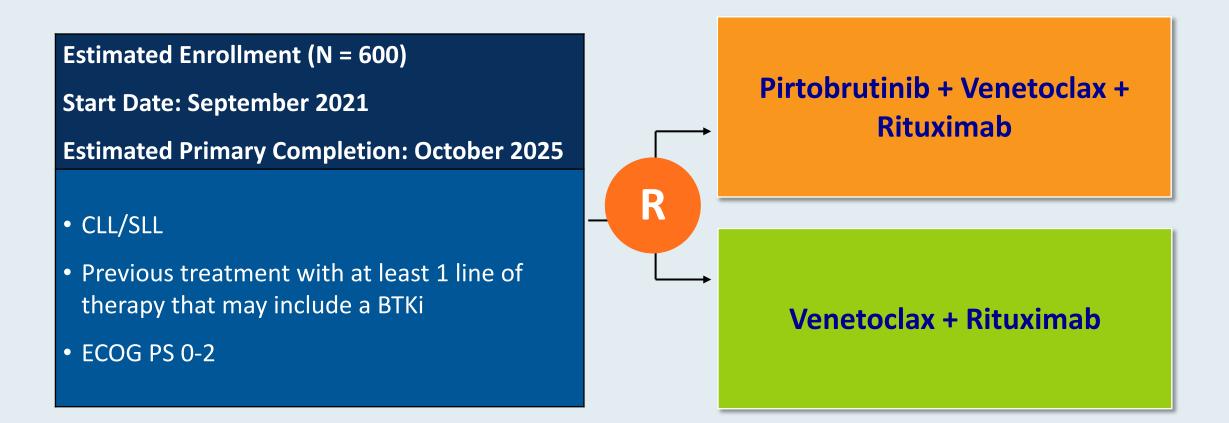
BRUIN: Pirtobrutinib Efficacy in BTK-Pretreated CLL/SLL





Mato AR et al. EHA 2022; Abstract S147.

BRUIN CLL-322 Phase III Trial Design



Primary endpoint: PFS by BIRC

Secondary endpoints: OS, TTNT, EFS, ORR, Time to worsening of CLL/SLL symptoms

https://clinicaltrials.gov/ct2/show/NCT04965493?term=pirtobrutinib+AND+venetoclax&cond=CLL&draw=2&rank=2. Accessed November 2022.



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Collaborative decision-making; advantages of clinical research





Administration of bispecific antibodies in the community setting

Dr Jesús Berdeja Nashville, Tennessee



Clinical trial participation; experience with a bispecific antibody

75-year-old man on a clinical trial of the anti-BCMA bispecific antibody teclistamab



FDA Grants Accelerated Approval for Teclistamab-cqyv for Relapsed or Refractory Multiple Myeloma Press Release: October 25, 2022

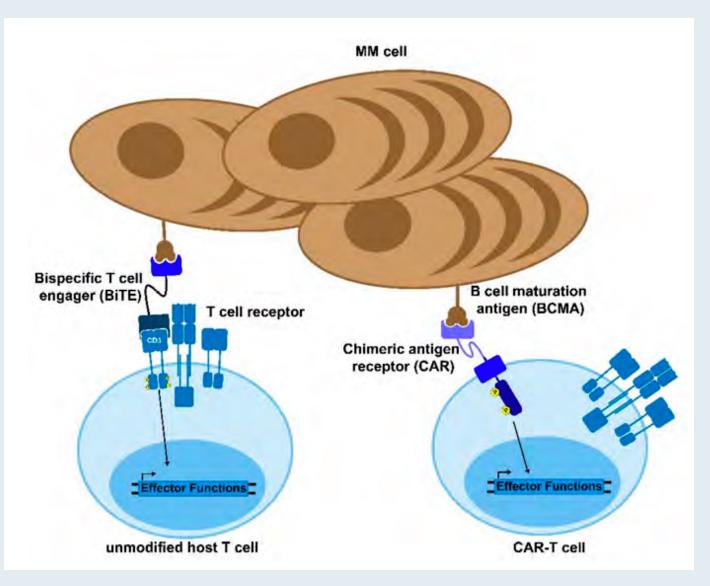
"On October 25, 2022, the Food and Drug Administration granted accelerated approval to teclistamab-cqyv, the first bispecific B-cell maturation antigen (BCMA)-directed CD3 T-cell engager, for adult patients with relapsed or refractory multiple myeloma who have received at least four prior lines of therapy, including a proteasome inhibitor, an immunomodulatory agent, and an anti-CD38 monoclonal antibody.

Teclistamab-cqyv was evaluated in MajesTEC-1 (NCT03145181; NCT04557098), a single-arm, multi-cohort, open-label, multi-center study. The efficacy population consisted of 110 patients who had previously received at least 3 prior therapies, including a proteasome inhibitor, an immunomodulatory agent, and an anti-CD38 monoclonal antibody, and had not received prior BCMA-targeted therapy.

The main efficacy outcome measure was overall response rate (ORR) as determined by the Independent Review Committee assessment using International Myeloma Working Group 2016 criteria. ORR was 61.8% (95% CI: 52.1, 70.9). With a median follow-up of 7.4 months among responders, the estimated duration of response (DOR) rate was 90.6% (95% CI: 80.3%, 95.7%) at 6 months and 66.5% (95% CI: 38.8%, 83.9%) at 9 months."



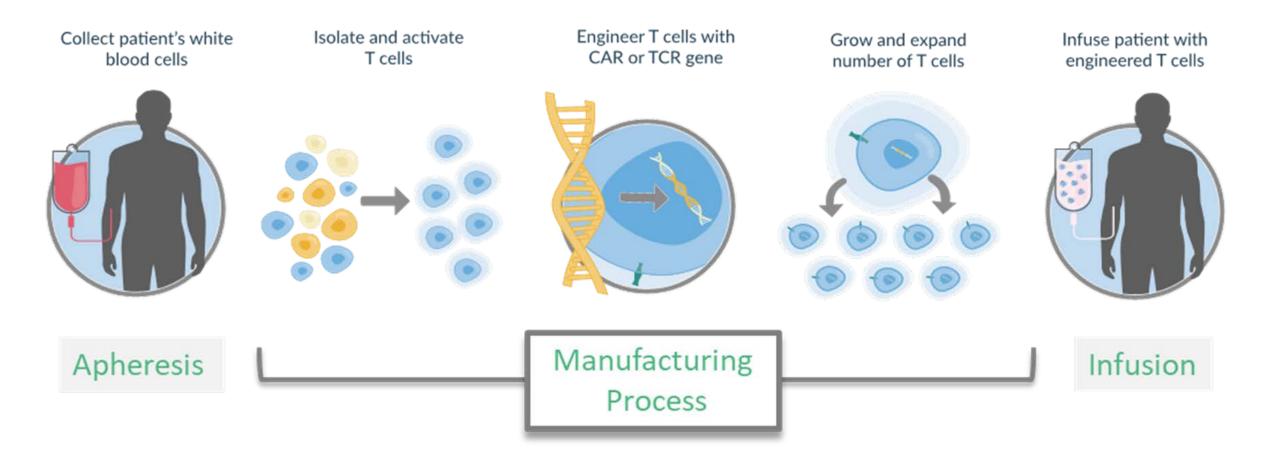
Bispecific Antibodies and CAR T Cells



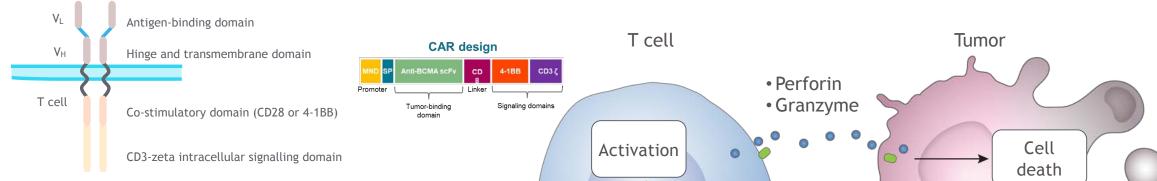


Ackley J et al. Cancers (Basel) 2021 September 24;13(19):4787.

ENGINEERED AUTOLOGOUS CELL THERAPY



Chimeric antigen receptor T cells (CAR T cells) enhance the ability of the immune system to target tumor cells¹



- Exploit native antibody or T cell recognition and signaling pathways¹
- Introduction of unique genes through viral vectors to allow recognition of tumor cells¹
- Dramatic expansion after infusion, and effective tumor cell killing^{1,2}

Activation Signaling Perforin Granzyme Cell death Cell death

In MM, several BCMA-targeting CAR T cell therapies are in development.

Images extracted from Shinshu University. Available from: <u>www.Shinshu-u.ac.jp/english/topics/research/shinshu_university_a_1.html</u>. Accessed February 2021. CAR, chimeric antigen receptor.

1. Benmebarek M, et al. Int J Mol Sci. 2019; 20;1283. 2. Munshi NC, et al. Slides presented at ASCO Annual Meeting; May 29-31, 2020; abstract 8503. 3. Madduri D, et al. 62nd ASH Annual Meeting 2020, Presentation #177. 4. NCT03288494. Available from: https://clinicaltrials.gov/ct2/show/NCT03288493. Accessed February 2021. 5. NCT04093596. Available from: https://clinicaltrials.gov/ct2/show/NCT03288493. Accessed February 2021. 5. NCT04093596. Available from: https://clinicaltrials.gov/ct2/show/NCT04093596. Accessed February 2021. 5. NCT04093596. Available from: https://clinicaltrials.gov/ct2/show/NCT04093596. Accessed February 2021. 5. NCT04093596. Available from: https://clinicaltrials.gov/ct2/show/NCT04093596. Accessed February 2021. 5. NCT04093596.

Improving communication and health literacy for minority patients



Dr Ruben Mesa (San Antonio, TX)



Are Pivotal Clinical Trials for Drugs Iginal **Approved for Leukemias and Multiple Myeloma Representative of the Population at Risk?** report

Mycal Casey, DO, MPH¹; Lorriane Odhiambo, PhD, MPH²; Nidhi Aggarwal, BS³; Mahran Shoukier, MD⁴; Jamani Garner, BS²; K.M. Islam, MBBS, PhD, MPH^{2,3}; and Jorge E. Cortes, MD⁴



Casey M et al. J Clin Oncol 2022;40(32):3719-29.

CO.

Just and Equitable Enrollment to Pivotal Clinical Trials in Hematologic Malignancies Namrata S. Chandhok, MD¹ and Mikkael A. Sekeres, MD, MS¹

Chandhok NS and Sekeres MA. J Clin Oncol 2022;40(32):3677-80.



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- 77-year-old woman with acute myeloid leukemia on decitabine/venetoclax
- **Cases: Multiple myeloma**
 - 75-year-old man on a clinical trial of the anti-BCMA bispecific antibody teclistamab
 - Patient care and clinical trial accrual when there is a language/culture barrier
- General medical oncologists reflect on post-COVID-19 virtual platforms

Hybrid meetings

American Oncology Network (AON) annual meeting/"Hologram" meeting moderator

Pilot project: "What I tell my patients"

Collaborative decision-making; advantages of clinical research



Questions and Comments: Perspectives on travel for medical education; portability of audio programs



Dr Shaachi Gupta (Lake Worth, Florida) Dr Warren Brenner (Boca Raton, Florida) Dr Priya Rudolph (Athens, Georgia)



Agenda (Continued)

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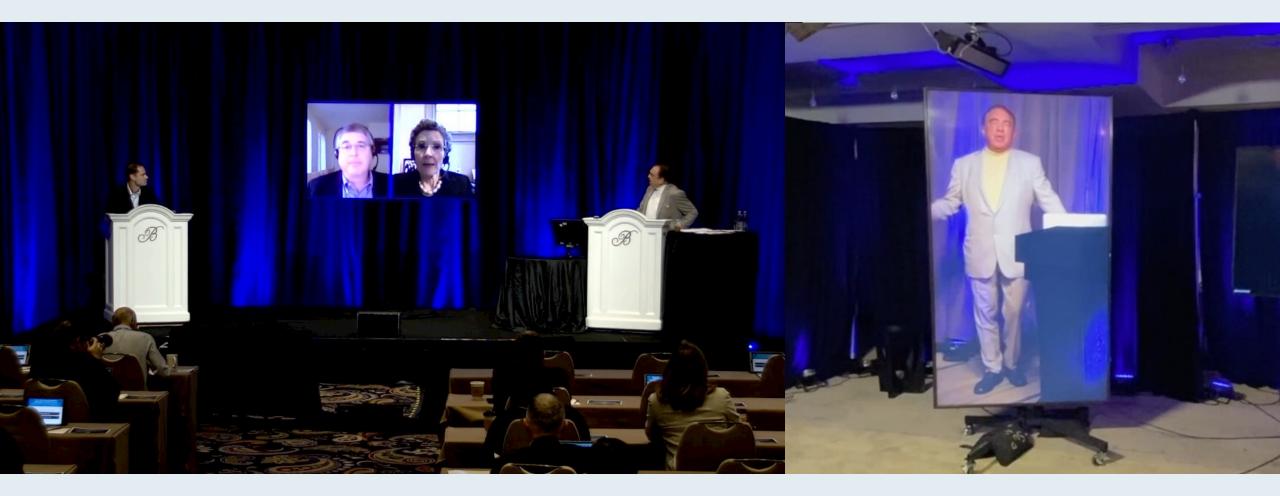
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Hybrid Meetings and Vision for the Future





Agenda (Continued)

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Questions and Comments: Perspective on being an oncologist



Dr Zanetta Lamar (Naples, Florida)



Can the Compelling Power of Virtual Education Assist in Reducing Cancer Care Disparities, Particularly in Clinical Trial Participation?

> Friday, November 11, 2022 6:45 PM – 7:45 PM ET

> > Faculty

Shaachi Gupta, MD, MPH Zanetta S Lamar, MD Estelamari Rodriguez, MD, MPH

> Moderator Neil Love, MD



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