What I Tell My Patients: Integrating New Research Information into Current Clinical Care

A Complimentary NCPD Hybrid Symposium Series Held During the 49th Annual ONS Congress

Non-Small Cell Lung Cancer with an EGFR Mutation

Friday, April 26, 2024 12:15 PM – 1:45 PM

Faculty

Marianne J Davies, DNP, ACNP, AOCNP, FAAN Alexander I Spira, MD, PhD Jillian Thompson, MSN, ANP-BC, AOCNP Helena Yu, MD <u>Moderator</u> Neil Love, MD



Faculty



Marianne J Davies, DNP, ACNP, AOCNP, FAAN Program Manager, Care Signature Oncology Service Line, Yale New Haven Health Oncology Nurse Practitioner-Senior APP II Yale Cancer Center Smilow Cancer Hospital at Yale New Haven Associate Professor Yale University School of Nursing New Haven, Connecticut



Alexander I Spira, MD, PhD CEO and Clinical Director, NEXT Virginia Director, Virginia Cancer Specialists Research Program Fairfax, Virginia



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Moderator Neil Love, MD Research To Practice Miami, Florida



Jillian Thompson, MSN, ANP-BC, AOCNP Nurse Practitioner MedStar Georgetown University Hospital Lombardi Comprehensive Cancer Center Washington, DC



Ms Davies — Disclosures

No relevant conflicts of interest to disclose



Dr Spira — **Disclosures**

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Ms Thompson — Disclosures

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Nonrelevant Financial Relationship	Targeted Oncology



Dr Yu — Disclosures

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Clinicians in the Meeting Room

Networked iPads are available.



Review Program Slides: Tap the Program Slides button to review speaker presentations and other program content.



Answer Survey Questions: Complete the pre- and postmeeting surveys. Survey questions will be discussed throughout the meeting.



Ask a Question: Tap Ask a Question to submit a challenging case or question for discussion. We will aim to address as many questions as possible during the program.



Clinicians Attending via Zoom

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Review Program Slides: A link to the program slides will be posted in the chat room at the start of the program.



Answer Survey Questions: Complete the pre- and postmeeting surveys. Survey questions will be discussed throughout the meeting.



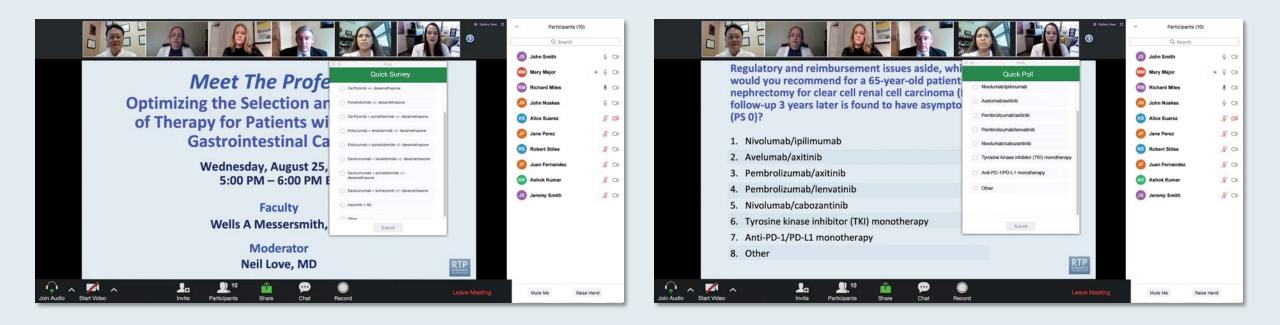
Ask a Question: Submit a challenging case or question for discussion using the Zoom chat room.



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Clinicians, Please Complete the Pre- and Postmeeting Surveys





About the Enduring Program

- The live meeting is being video and audio recorded.
- The proceedings from today will be edited and developed into an enduring web-based video/PowerPoint program.



An email will be sent to all attendees when the activity is available.

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"What I Tell My Patients" Sixteenth Annual RTP-ONS NCPD Symposium Series

Wednesday April 24	Hormone Receptor-Positive Breast Cancer 6:00 PM - 8:00 PM ET	
Thursday April 25	Endometrial Cancer 6:00 AM - 7:30 AM ET	
	Antibody-Drug Conjugates 12:15 PM - 1:45 PM ET	
	Chronic Lymphocytic Leukemia and Bispecific Antibodies in Lymphoma 6:00 PM - 8:00 PM ET	
Friday April 26	Head and Neck Cancer 6:00 AM – 7:30 AM ET	
	Non-Small Cell Lung Cancer with an EGFR Mutation 12:15 PM - 1:45 PM ET	
	Ovarian Cancer 6:00 PM - 7:30 PM ET	
Saturday April 27	Hepatobiliary Cancers 6:00 AM - 7:30 AM ET	
	Myelofibrosis 12:15 PM – 1:45 PM ET	
	Gastroesophageal and Colorectal Cancers 6:00 PM - 8:00 PM ET	
Wednesday, May 1	LIVE WEBINAR — Prostate Cancer 7:00 PM - 8:00 PM ET	



Consulting Nurse Faculty



Jacqueline Broadway-Duren, PhD, DNP, APRN, FNP-BC The University of Texas MD Anderson Cancer Center Houston, Texas



Kathleen D Burns, RN, MSN, AGACNP-BC, OCN City of Hope Comprehensive Cancer Center Duarte, California



Sonia Glennie, ARNP, MSN, OCN Swedish Cancer Institute Center for Blood Disorders Seattle, Washington



Amy Goodrich, CRNP The Sidney Kimmel Comprehensive Cancer Center Baltimore, Maryland



Jessica Mitchell, APRN, CNP, MPH Mayo Clinic College of Medicine and Science Rochester, Minnesota



Tiffany A Richards, PhD, ANP-BC, AOCNP The University of Texas MD Anderson Cancer Center Houston, Texas



Kimberly A Spickes, MNSc, RN, APRN, OCN, ACNP-BC University of Arkansas for Medical Sciences Little Rock, Arkansas



Ronald Stein, JD, MSN, NP-C, AOCNP USC Norris Comprehensive Cancer Center Los Angeles, California

https://www.ResearchToPractice.com/ONS2024Clips



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Agenda

Introduction

Module 1: Localized Non-Small Cell Lung Cancer (NSCLC) with an EGFR Mutation

Module 2: First-Line Therapy for Patients with Metastatic NSCLC and EGFR Mutations

Module 3: Management of Progressive EGFR-Mutated NSCLC

Module 4: Targeting EGFR Exon 20 Insertion Mutations



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Consulting Nursing Faculty Comments

Patient education about clinical trial participation



Amy Goodrich, CRNP



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EGFR Testing in Non-Small Cell Lung Cancer (NSCLC)

Dr Spira Fairfax, Virginia

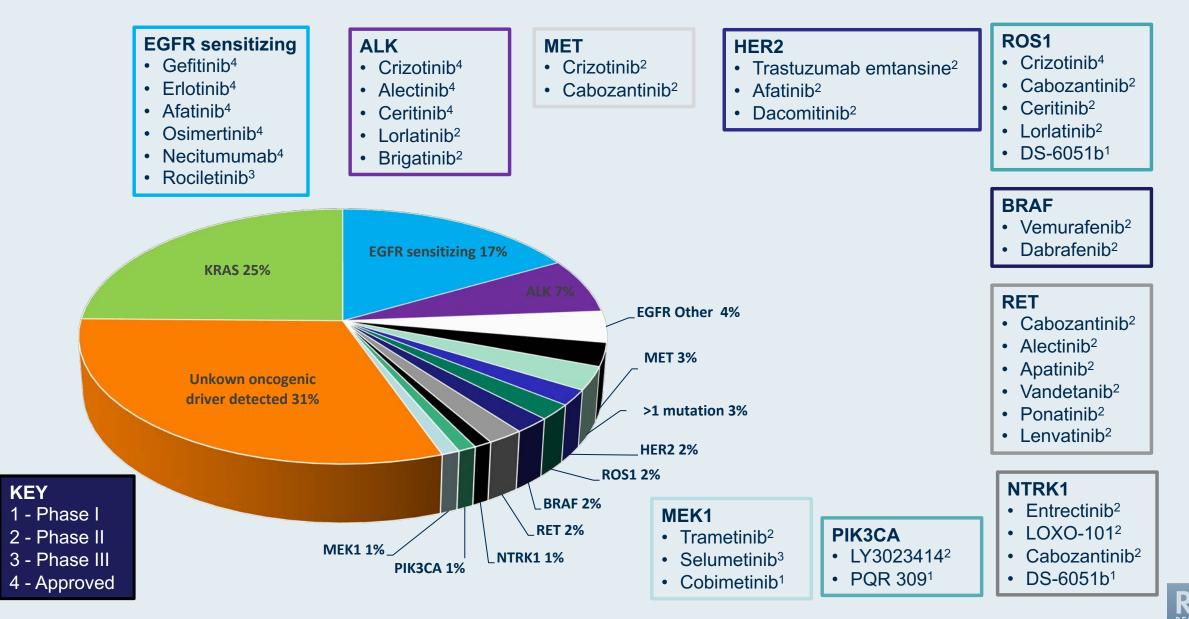


Dr Yu New York, New York

- Spectrum of EGFR mutations found in NSCLC; clinical relevance of and similarities and differences among various detectable EGFR mutations
- Incidence of targetable EGFR mutations in localized and metastatic disease; optimal timing of EGFR testing
- Available platforms to identify EGFR mutations in patients with NSCLC; advantages and limitations of next-generation sequencing versus one-off testing
- Reliability of plasma-based assays to document the presence of actionable EGFR mutations; current clinical utility
- Role of repeat biomarker testing in the care of patients with progressive NSCLC with an EGFR mutation



Targetable Oncogenic Drivers



O PRACTIC

Presented by Frances Shepherd at 2019 ASCO Annual Meeting.

Marianne J Davies, DNP, ACNP, AOCNP, FAAN



What I tell my patients who are never-smokers and are diagnosed with lung cancer and how I explain the significance of EGFR mutations





Osimertinib for Localized and Locally Advanced NSCLC with an EGFR Mutation

Dr Spira Fairfax, Virginia



Dr Yu New York, New York

- Long-term findings, including overall survival outcomes, with adjuvant osimertinib for Stage IB to Stage IIIA NSCLC with an EGFR mutation after complete tumor resection
- Protection against central nervous system (CNS) disease recurrence observed with adjuvant osimertinib
- Patient selection for and appropriate incorporation of adjuvant osimertinib into routine practice





Osimertinib for Localized and Locally Advanced NSCLC with an EGFR Mutation

Dr Spira Fairfax, Virginia



Dr Yu New York, New York

- Choosing between osimertinib and immune checkpoint inhibition for patients eligible for both treatments
- Tolerability of osimertinib in the adjuvant setting; appropriate threshold for dose reduction, dose delays or treatment discontinuation for patients with NSCLC receiving adjuvant osimertinib
- Ongoing efforts seeking to further define the role of osimertinib in the management of nonmetastatic NSCLC with an EGFR mutation



Osimertinib

Mechanism of action

• EGFR tyrosine kinase inhibitor

Indication in the adjuvant setting

• After tumor resection for patients with NSCLC whose tumors have EGFR exon 19 deletions or exon 21 L858R mutations, as detected by an FDA-approved test

Recommended dose

 80 mg PO once daily, with or without food, until disease recurrence, or unacceptable toxicity, or for up to 3 years



The NEW ENGLAND JOURNAL of MEDICINE

ORIGINAL ARTICLE

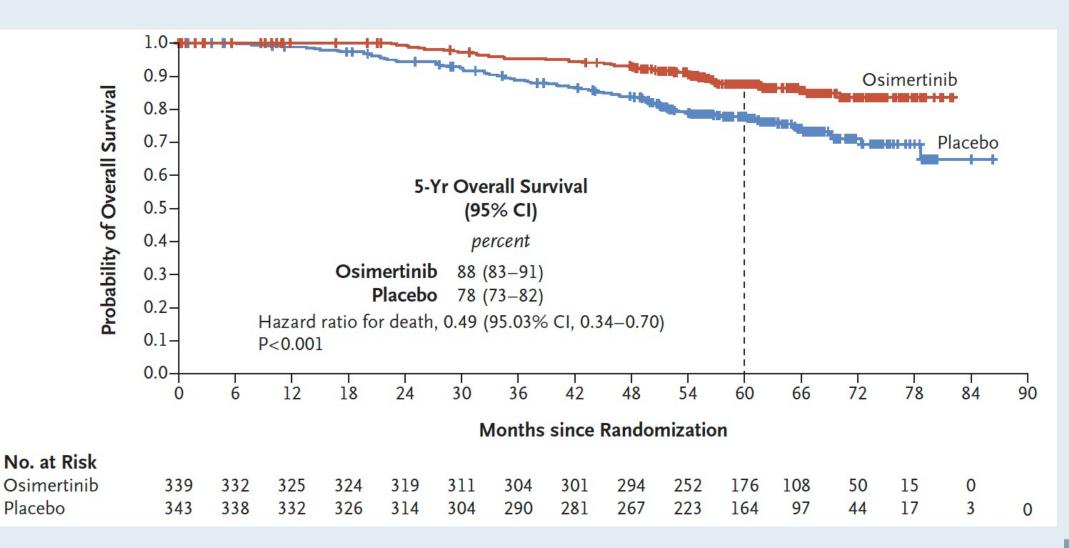
Overall Survival with Osimertinib in Resected EGFR-Mutated NSCLC

Masahiro Tsuboi, M.D., Roy S. Herbst, M.D., Ph.D., Thomas John, M.B., B.S., Ph.D., Terufumi Kato, M.D., Margarita Majem, M.D., Ph.D., Christian Grohé, M.D., Jie Wang, M.D., Ph.D., Jonathan W. Goldman, M.D., Shun Lu, M.D., Wu-Chou Su, M.D., Filippo de Marinis, M.D., Frances A. Shepherd, M.D., Ki Hyeong Lee, M.D., Ph.D., Nhieu Thi Le, M.D., Arunee Dechaphunkul, M.D., Dariusz Kowalski, M.D., Ph.D., Lynne Poole, M.Sc., Ana Bolanos, M.D., Yuri Rukazenkov, M.D., Ph.D., and Yi-Long Wu, M.D., for the ADAURA Investigators*

2023;389(2):137-47



ADAURA: Overall Survival in Stage IB-IIIA Disease





Tsuboi M et al. N Engl J Med 2023;389(2):137-47.

Osimertinib After Chemoradiation Therapy Demonstrated an Efficacy Benefit for Unresectable Stage III NSCLC with an EGFR Mutation in the Phase III LAURA Trial Press Release – Febuary 19, 2024

"Positive high-level results from the LAURA Phase III trial showed osimertinib demonstrated a statistically significant and highly clinically meaningful improvement in progression-free survival (PFS) for patients with unresectable, Stage III epidermal growth factor receptor-mutated (EGFRm) non-small cell lung cancer (NSCLC) after chemoradiotherapy (CRT) compared to placebo after CRT.

LAURA is a randomised, double-blind, placebo-controlled, multi-centre, global Phase III trial in patients with unresectable, Stage III EGFRm NSCLC whose disease has not progressed following definitive platinum-based CRT.

Overall survival (OS) data showed a favourable trend for osimertinib, although data were not mature at the time of this analysis. The trial will continue to assess OS as a secondary endpoint."





What I tell my patients who are about to begin osimertinib for localized or locally advanced EGFR-mutant NSCLC; goals of adjuvant therapy



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Dr Spira Fairfax, Virginia

Established First-Line Therapy for Metastatic NSCLC with an EGFR Mutation



Dr Yu New York, New York

- Long-term benefit observed with up-front osimertinib monotherapy for patients with metastatic NSCLC with an EGFR mutation
- Intracranial response rates and rates of CNS progression documented with up-front osimertinib
- Sequencing of osimertinib relative to local therapies, such as stereotactic radiosurgery and whole-brain radiation therapy, for patients with NSCLC with an EGFR mutation and brain metastases
- Utility of rechallenge with osimertinib for patients who receive the drug in the adjuvant setting and experience subsequent disease progression
- Strategies to prevent and/or ameliorate gastrointestinal, dermatologic and other adverse events (AEs) with osimertinib



Osimertinib

Mechanism of action

• EGFR tyrosine kinase inhibitor

Indication in the first-line metastatic setting

- For patients with metastatic NSCLC whose tumors have EGFR exon 19 deletions or exon 21 L858R mutations, as detected by an FDA-approved test
- In combination with pemetrexed and platinum-based chemotherapy, for patients with locally advanced or metastatic NSCLC whose tumors have EGFR exon 19 deletions or exon 21 L858R mutations, as detected by an FDA-approved test

Recommended dose

- <u>Metastatic NSCLC</u>: 80 mg PO once daily, with or without food, until disease recurrence, or unacceptable toxicity
- Locally advanced or metastatic NSCLC: 80 mg PO once daily administered in combination with pemetrexed and platinum-based chemotherapy, with or without food, until disease progression or unacceptable toxicity due to osimertinib



Marianne J Davies, DNP, ACNP, AOCNP, FAAN



What I tell my patients with EGFR-mutant metastatic NSCLC who are about to begin first-line treatment with osimertinib with or without chemotherapy





Newly Approved and Promising Investigational Approaches to First-Line Therapy for Metastatic NSCLC with an EGFR Mutation

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Dr Yu

New York, New York

Dr Spira Fairfax, Virginia

- Rationale for the evaluation of osimertinib in combination with chemotherapy as first-line treatment for patients with NSCLC with an EGFR mutation
- Progression-free survival (PFS) and other key efficacy and safety outcomes observed with first-line osimertinib/chemotherapy compared to osimertinib alone
- Recent FDA approval of first-line osimertinib/chemotherapy and selection of optimal candidates for this strategy





Newly Approved and Promising Investigational Approaches to First-Line Therapy for Metastatic NSCLC with an EGFR Mutation

Dr Spira Fairfax, Virginia



Dr Yu New York, New York

- Mechanistic similarities and differences between the bispecific antibody amivantamab and EGFR TKIs; rationale for the selection of lazertinib as a therapeutic partner for amivantamab in clinical trials
- PFS and other efficacy outcomes observed with first-line amivantamab in combination with lazertinib compared to osimertinib for patients with NSCLC and an EGFR mutation
- Potential clinical role of first-line amivantamab/lazertinib



FDA Approves Osimertinib with Chemotherapy for NSCLC with an EGFR Mutation

Press Release – Febuary 16, 2024

"The Food and Drug Administration approved osimertinib with platinum-based chemotherapy for patients with locally advanced or metastatic non-small cell lung cancer (la/mNSCLC) whose tumors have EGFR exon 19 deletions or exon 21 L858R mutations, as detected by an FDA-approved test.

Efficacy was evaluated in FLAURA 2 (NCT04035486), an open-label, randomized trial of 557 patients with EGFR exon 19 deletion or exon 21 L858R mutation-positive la/mNSCLC and no prior systemic therapy for advanced disease. Patients were randomized 1:1 to receive either osimertinib with platinum-based chemotherapy or osimertinib monotherapy.

The major efficacy outcome measure was progression free survival (PFS), as assessed by investigator, with overall survival (OS) as a key secondary outcome measure."

https://www.fda.gov/drugs/resources-information-approved-drugs/fda-approves-osimertinib-chemotherapy-egfr-mutated-non-small-cell-lung-cancer



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Osimertinib with or without Chemotherapy in EGFR-Mutated Advanced NSCLC

D. Planchard, P.A. Jänne, Y. Cheng, J.C.-H. Yang, N. Yanagitani, S.-W. Kim, S. Sugawara, Y. Yu, Y. Fan, S.L. Geater, K. Laktionov, C.K. Lee, N. Valdiviezo, S. Ahmed, J.-M. Maurel, I. Andrasina, J. Goldman, D. Ghiorghiu, Y. Rukazenkov, A. Todd, and K. Kobayashi, for the FLAURA2 Investigators*



Amivantamab

Mechanism of action

• Bispecific EGFR-directed and MET receptor-directed antibody

Indication in the recurrent setting

 As a single agent for adult patients with locally advanced or metastatic NSCLC with EGFR exon 20 insertion mutations whose disease has progressed on or after platinum-based chemotherapy

Recommended dose as a single agent

- Administered weekly for 4 weeks, with the <u>initial dose as a split infusion</u> in week 1 on day 1 and day 2, then administer every 2 weeks thereafter, starting at week 5, until disease progression or unacceptable toxicity
- Body weight less than 80 kg = 1,050 mg
- Body weight greater than or equal to 80 kg = 1,400 mg



Lazertinib

Mechanism of action

• Oral third-generation, irreversible EGFR TKI

Indication

Investigational

Pivotal clinical data

- Phase III MARIPOSA trial of lazertinib and amivantamab combination therapy versus osimertinib versus lazertinib as first-line therapy for patients with locally advanced or metastatic NSCLC with an EGFR mutation
- Phase III MARIPOSA-2 trial of amivantamab and chemotherapy with and without lazertinib for advanced NSCLC with an EGFR mutation after disease progression on osimertinib



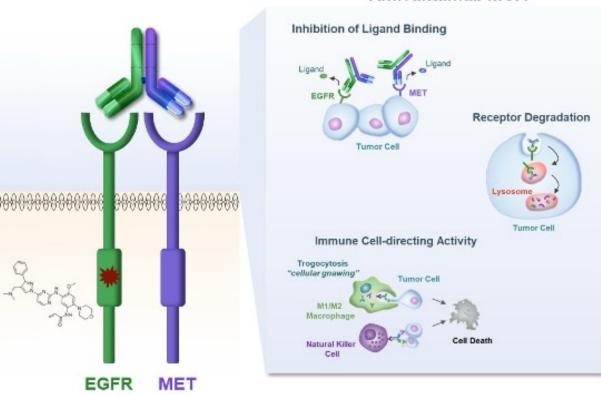
Amivantamab and Lazertinib

Amivantamab (am-e-van-tuh-mab)

- Fully human bispecific antibody that targets EGFR and MET
- Fc portion has immune cell-directing activity¹
- Demonstrated clinical activity across diverse EGFRm NSCLC^{2.4}
- Granted Breakthrough Therapy Designation for EGFRm Exon20ins NSCLC post-chemotherapy in US and China

Lazertinib (la-zer-tin-ib)

- Potent 3rd-gen TKI with efficacy in activating EGFR mutations, T790M, and CNS disease^{5.6}
- Low rates of EGFR-related toxicity such as rash and diarrhea⁵
- Low cardiovascular safety risk⁷
- Safety profile that supports combination with other anti-EGFR molecules



Amivantamab MOA

¹Vijayaraghavan Mol Cancer Ther 19:2044; ²Haura JCO 37:9009 (oral); ³Park JCO 38:9512 (poster); ⁴Sabari JTO 16:S108 (oral); ⁵Ahn Lancet Oncol 20:P1681; ⁴Kim JCO 38:9571 (poster); ⁷Haddish-Berhane JTO 16:S677 (poster). BTD, Breakthrough Therapy Designation; CNS, central nervous system; EGFRm, epidermal growth factor receptor mutant; gen, generation; MOA, mechanism of action; NSCLC, non-small cell lung cancer; TKI, tyrosine kinase inhibitor



Abstract LBA14

Amivantamab Plus Lazertinib Versus Osimertinib as First-line Treatment in EGFR-mutated Advanced NSCLC

UNGLESS

MADRID ESVO

Primary Results from MARIPOSA, a Phase 3, Global, Randomized, Controlled Trial

Byoung Chul Cho,¹ Enriqueta Felip,² Alexander I. Spira,³ Nicolas Girard,⁴ Jong-Seok Lee,⁵ Se-Hoon Lee,⁶ Yuriy Ostapenko,⁷ Pongwut Danchaivijitr,⁸ Baogang Liu,⁹ Adlinda Alip,¹⁰ Ernesto Korbenfeld,¹¹ Josiane Mourão,¹² Tao Sun,¹³ Melissa Martinez,¹³ Joshua M. Bauml,¹⁴ S. Martin Shreeve,¹⁵ Seema Sethi,¹⁴ Roland E. Knoblauch,¹⁴ Hidetoshi Hayashi,¹⁶ Shun Lu¹⁷

¹Division of Medical Oncology, Yonsei Cancer Center, Yonsei University College of Medicine, Seoul, Republic of Korea ²Vall d'Hebron University Hospital and Vall d'Hebron Institute of Oncology, Barcelona, Spain; ³Virginia Cancer Specialists, Fairfax, VA, USA; ⁴Institut Curie, Institut du Thorax Curie-Montsouris, Paris, France; ⁵National University Bundang Hospital, Seongnam, Republic of Korea; ⁶Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, Republic of Korea; ⁷National Cancer Institute, Kyiv, Ukraine; ⁹Siriraj Hospital, Mahidol University, Bangkok, Thailand; ⁹Harbin Medical University Cancer Hospital, Heilongjiang, China; ¹⁰University of Malaya Medical Centre, Kuala Lumpur, Malaysia; ¹¹Hospital Britanico de Buenos Aires, Buenos Aires, Argentina; ¹²Barretos Cancer Hospital, Barretos, Brazil; ¹³Janssen R&D, Raritan, NJ, USA; ¹⁴Janssen R&D, Spring House, PA, USA; ¹⁵Janssen R&D, San Diego, CA, USA; ¹⁵Department of Medical Oncology, Kindai University Faculty of Medicine, Osaka, Japan; ¹⁷Shanghai Lung Cancer Center, Shanghai Chest Hospital, Shanghai Jiao Tong University, Shanghai, China.

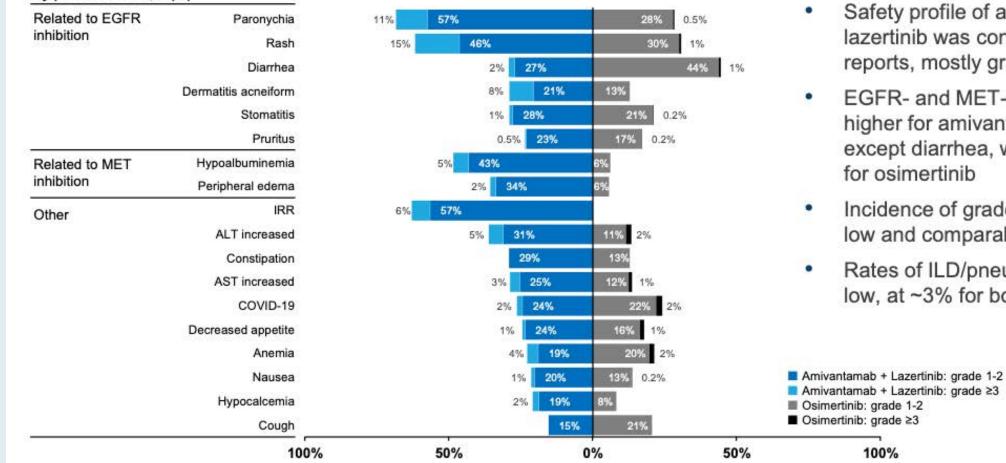




MARIPOSA

MARIPOSA: Safety Profile of Amivantamab with Lazertinib

Most common TEAEs (≥20%) by preferred term, n (%)



- Safety profile of amivantamab + lazertinib was consistent with prior reports, mostly grades 1-2
- EGER- and MET-related AEs were higher for amivantamab + lazertinib except diarrhea, which was higher for osimertinib
- Incidence of grade 4-5 AEs was low and comparable between arms
- Rates of ILD/pneumonitis remained low, at ~3% for both arms





Dr Spira Fairfax, Virginia

Common Toxicities Associated with Amivantamab



Dr Yu New York, New York

- Spectrum, frequency and severity of common toxicities with amivantamab, such as dermatologic AEs, fatigue, musculoskeletal pain and stomatitis
- Incidence and timing of infusion-related reactions with amivantamab; appropriate premedication and infusion modification strategies
- Pathophysiology of ocular toxicities associated with amivantamab, such as keratitis, dry eye, conjunctival redness, blurred vision and uveitis; importance of consultation with ophthalmology for patients experiencing symptoms





Dr Spira Fairfax, Virginia

Common Toxicities Associated with Amivantamab



Dr Yu New York, New York

- Other, less frequently occurring side effects with amivantamab, such as interstitial lung disease (ILD)/pneumonitis; recommended approaches for monitoring and management
- Effect on the tolerability of amivantamab when administered in combination with other systemic therapies, such as lazertinib and/or chemotherapy



Jillian Thompson, MSN, ANP-BC, AOCNP



What I tell my patients who are being considered for or enrolling on a clinical trial with amivantamab/lazertinib



Consulting Nursing Faculty Comments

Experiencing grief as an oncology provider



Sonia Glennie, ARNP, MSN, OCN



Agenda

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Dr Spira Fairfax, Virginia

The Current and Future Management of Progressive NSCLC with an EGFR Mutation



Dr Yu New York, New York

- Published findings with and ongoing evaluation of osimertinib combined with other agents, such as savolitinib and tepotinib, to overcome common mechanisms of resistance
- Recently presented data with amivantamab in combination with chemotherapy with and without lazertinib for patients with NSCLC with an EGFR mutation who experience disease progression on osimertinib
- Rationale for targeting HER3 in patients with NSCLC with an EGFR mutation; structural components and mechanism of action of patritumab deruxtecan (HER3-DXd)





The Current and Future Management of Progressive NSCLC with an EGFR Mutation (Continued)

Dr Spira Fairfax, Virginia



Dr Yu New York, New York

- Published efficacy and safety findings with HER3-DXd for NSCLC with an EGFR mutation after progression on EGFR TKI therapy and platinum-based chemotherapy
- Potential clinical roles of amivantamab/chemotherapy with or without lazertinib and HER3-DXd for progressive NSCLC with an EGFR mutation







ORIGINAL ARTICLE

Amivantamab plus chemotherapy with and without lazertinib in *EGFR*mutant advanced NSCLC after disease progression on osimertinib: primary results from the phase III MARIPOSA-2 study $\stackrel{\text{there}}{\sim}$

A. Passaro^{1*†}, J. Wang^{2†}, Y. Wang³, S.-H. Lee⁴, B. Melosky⁵, J.-Y. Shih⁶, J. Wang⁷, K. Azuma⁸, O. Juan-Vidal⁹, M. Cobo¹⁰, E. Felip¹¹, N. Girard^{12,13}, A. B. Cortot¹⁴, R. Califano¹⁵, F. Cappuzzo¹⁶, S. Owen¹⁷, S. Popat¹⁸, J.-L. Tan¹⁹, J. Salinas²⁰, P. Tomasini²¹, R. D. Gentzler²², W. N. William, Jr.²³, K. L. Reckamp²⁴, T. Takahashi²⁵, S. Ganguly²⁶, D. M. Kowalski²⁷, A. Bearz²⁸, M. MacKean²⁹, P. Barala³⁰, A. B. Bourla³¹, A. Girvin³⁰, J. Greger³⁰, D. Millington³², M. Withelder³⁰, J. Xie³¹, T. Sun³¹, S. Shah³⁰, B. Diorio³¹, R. E. Knoblauch³⁰, J. M. Bauml³⁰, R. G. Campelo^{33‡} & B. C. Cho^{34‡}, for the MARIPOSA-2 Investigators[§]

2024;35(1):77-90



Patritumab Deruxtecan (HER3-DXd)

Mechanism of action

• Antibody-drug conjugate directed against HER3

Indication

Investigational

Key clinical trial

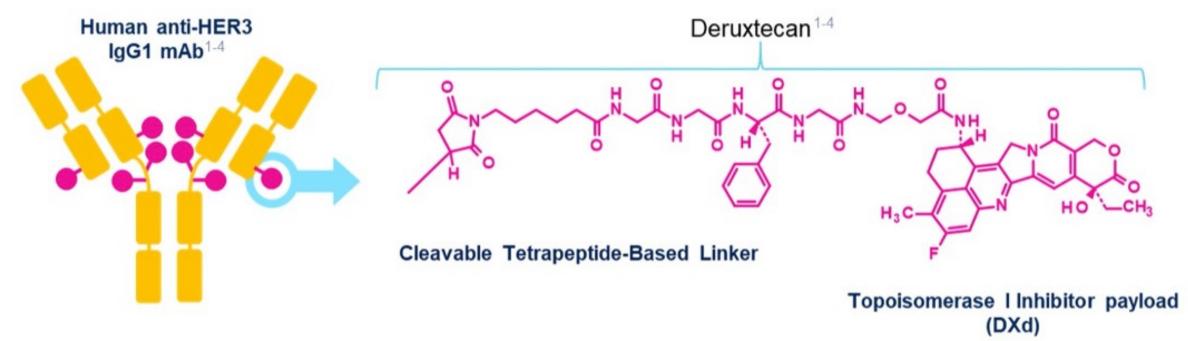
 HERTHENA-Lung02 Phase III trial of patritumab deruxtecan versus platinum-based chemotherapy in metastatic or locally advanced NSCLC with an EGFR mutation after progression on third-generation EGFR TKI therapy



HER3-DXd Targeting HER3 May Address Multiple EGFR TKI Resistance Mechanisms

HER3-DXd is an antibody-drug conjugate with 3 components:

- A fully human anti-HER3 IgG1 mAb (patritumab), covalently linked to:
- A topoisomerase I inhibitor payload, an exatecan derivative, via
- A tetrapeptide-based cleaver linker







Dr Spira Fairfax, Virginia

Tolerability and Other Practical Considerations with HER3-DXd



Dr Yu New York, New York

- Frequency of dose interruptions, dose reductions and treatment discontinuation with HER3-DXd in published clinical trials
- Rates of Grade ≥3 cytopenias reported among patients receiving HER3-DXd; optimal monitoring of complete blood counts
- Other commonly reported treatment-related AEs observed with HER3-DXd, such as gastrointestinal issues and fatigue
- Incidence and severity of ILD reported with HER3-DXd; appropriate monitoring and management



Marianne J Davies, DNP, ACNP, AOCNP, FAAN



What I tell my patients who are being considered for or are about to enroll on a clinical trial with patritumab deruxtecan





What I tell my patients with metastatic lung cancer about the importance of clinical trial participation



Agenda

Introduction

Module 1: Localized Non-Small Cell Lung Cancer (NSCLC) with an EGFR Mutation

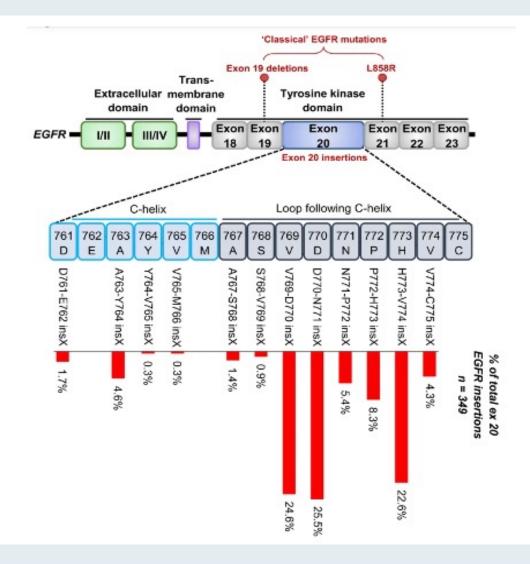
Module 2: First-Line Therapy for Patients with Metastatic NSCLC and EGFR Mutations

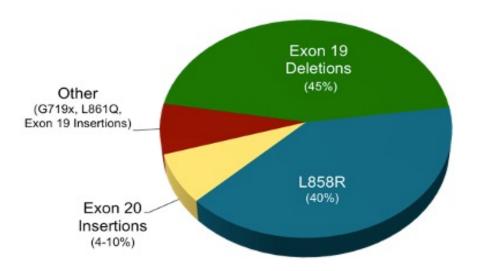
Module 3: Management of Progressive EGFR-Mutated NSCLC

Module 4: Targeting EGFR Exon 20 Insertion Mutations



Frequency of EGFR Exon 20 Mutations





Exon 20 NSCLC: US and China						
		Exon 20	umber of			
		Frequency	NSCLC Pa	atients/year		
United	EGFR	2.1%	3.6%	7700		
States	HER2	1.5%	3.0%			
China	EGFR	2.4%	6.20/	41100		
	HER2	3.9%	6.3%			





Dr Spira Fairfax, Virginia

Treatment for Metastatic NSCLC with EGFR Exon 20 Insertion Mutations



Dr Yu New York, New York

- Rationale for the lack of activity with traditional EGFR TKIs in this patient subset; biological basis for the activity of amivantamab
- Long-term efficacy and safety data with amivantamab for patients with metastatic NSCLC and EGFR exon 20 insertion mutations who experience progression on or after platinum-based chemotherapy
- Key findings with the combination of amivantamab and platinum-based chemotherapy for newly diagnosed advanced NSCLC with EGFR exon 20 insertion mutations





Treatment for Metastatic NSCLC with EGFR Exon 20 Insertion Mutations (Continued)



Dr Spira Fairfax, Virginia **Dr Yu** New York, New York

- Recent FDA approval of amivantamab in combination with chemotherapy as first-line treatment for NSCLC with EGFR exon 20 insertion mutations; implications for therapeutic sequencing
- Rationale for the recent voluntary withdrawal of mobocertinib for NSCLC with EGFR exon 20 insertion mutations



Amivantamab

Mechanism of action

• Bispecific EGFR-directed and MET receptor-directed antibody

Indication in the first-line setting

 In combination with carboplatin and pemetrexed for patients with locally advanced or metastatic NSCLC with EGFR exon 20 insertion mutations, as detected by an FDA-approved test

Recommended dose

- Initial week 1 dose is a <u>split infusion</u> given on day 1 and day 2
- <u>Body weight <80 kg</u>: 1,400 mg IV infusion weekly with chemotherapy on weeks 1-4, then 1,750 mg IV infusion q3wk beginning week 7 until progression/toxicity
- Body weight ≥80 kg: 1,750 mg IV infusion weekly with chemotherapy on weeks 1-4, then 2,100 mg IV infusion q3wk beginning week 7 until progression/toxicity

FDA Approves Amivantamab for NSCLC with EGFR Exon 20 Insertion Mutations Press Release – March 1, 2024

"The Food and Drug Administration approved amivantamab-vmjw with carboplatin and pemetrexed for the first-line treatment of locally advanced or metastatic non-small cell lung cancer (NSCLC) with epidermal growth factor receptor (EGFR) exon 20 insertion mutations, as detected by an FDA-approved test.

The FDA also granted traditional approval to amivantamab-vmjw for adult patients with locally advanced or metastatic NSCLC with EGFR exon 20 insertion mutations, as detected by an FDA-approved test, whose disease has progressed on or after platinum-based chemotherapy. FDA previously granted accelerated approval for this indication.

Efficacy was evaluated in PAPILLON (NCT04538664), a randomized, open-label multicenter trial of 308 patients with EGFR exon 20 insertion mutations. Patients were randomized 1:1 to receive amivantamab-vmjw with carboplatin and pemetrexed or carboplatin and pemetrexed."

https://www.fda.gov/drugs/resources-information-approved-drugs/fda-approves-amivantamab-vmjw-egfr-exon-20-insertionmutated-non-small-cell-lung-cancer-indications



2023;389:2039-51

The NEW ENGLAND JOURNAL of MEDICINE

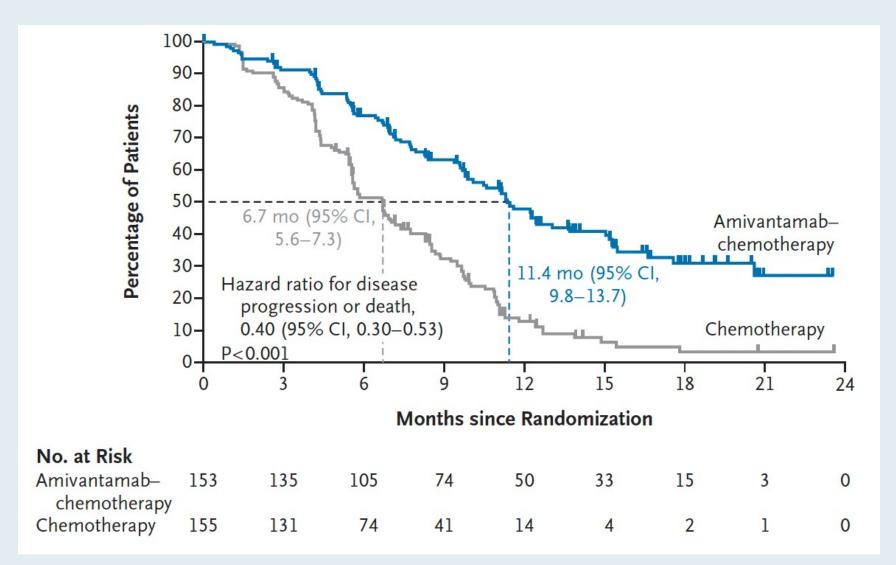
ORIGINAL ARTICLE

Amivantamab plus Chemotherapy in NSCLC with EGFR Exon 20 Insertions

C. Zhou, K.-J. Tang, B.C. Cho, B. Liu, L. Paz-Ares, S. Cheng, S. Kitazono, M. Thiagarajan, J.W. Goldman, J.K. Sabari, R.E. Sanborn, A.S. Mansfield, J.-Y. Hung, M. Boyer, S. Popat, J. Mourão Dias, E. Felip, M. Majem, M. Gumus, S. Kim, A. Ono, J. Xie, A. Bhattacharya, T. Agrawal, S.M. Shreeve, R.E. Knoblauch, K. Park, and N. Girard, for the PAPILLON Investigators*



PAPILLON Trial Primary Endpoint: PFS by Blinded Independent Central Review





Zhou C et al. N Engl J Med 2023;389:2039-51.

PAPILLON: Select Adverse Events

	Amivantamab-c (n = 1		Chemotherapy (N = 155)		
Adverse event	All grades	Grade ≥3	All grades	Grade ≥3	
Neutropenia	59%	33%	45%	23%	
Anemia	50%	11%	55%	12%	
Leukopenia	38%	11%	32%	3%	
Rash	54%	11%	8%	0	
Thrombocytopenia	36%	10%	30%	10%	

• 7% of patients discontinued amivantamab due to drug-related adverse reactions



APPENDIX



Osimertinib for Localized and Locally Advanced NSCLC with an EGFR Mutation



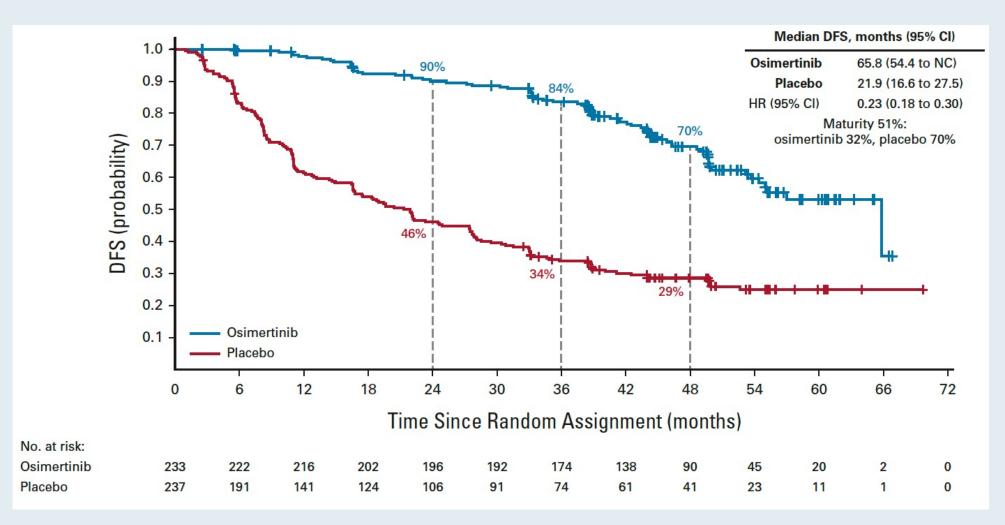
6 linical trial pdn late 5

Adjuvant Osimertinib for Resected EGFR-Mutated Stage IB-IIIA Non–Small-Cell Lung Cancer: Updated Results From the Phase III Randomized ADAURA Trial

Roy S. Herbst, MD, PhD¹; Yi-Long Wu, MD²; Thomas John, PhD³; Christian Grohe, MD⁴; Margarita Majem, MD, PhD⁵; Jie Wang, MD, PhD⁶; Terufumi Kato, MD⁷; Jonathan W. Goldman, MD⁸; Konstantin Laktionov, PhD⁹; Sang-We Kim, MD, PhD¹⁰; Chong-Jen Yu, MD, PhD^{11,12}; Huu Vinh Vu, MD, PhD¹³; Shun Lu, MD¹⁴; Kye Young Lee, MD, PhD¹⁵; Guzel Mukhametshina, MD¹⁶; Charuwan Akewanlop, MD¹⁷; Filippo de Marinis, MD¹⁸; Laura Bonanno, MD¹⁹; Manuel Domine, MD, PhD²⁰; Frances A. Shepherd, MD²¹; Damien Urban, MBBS^{22,23}; Xiangning Huang, PhD²⁴; Ana Bolanos, MD²⁵; Marta Stachowiak, MPharm²⁶; and Masahiro Tsuboi, MD, PhD²⁷



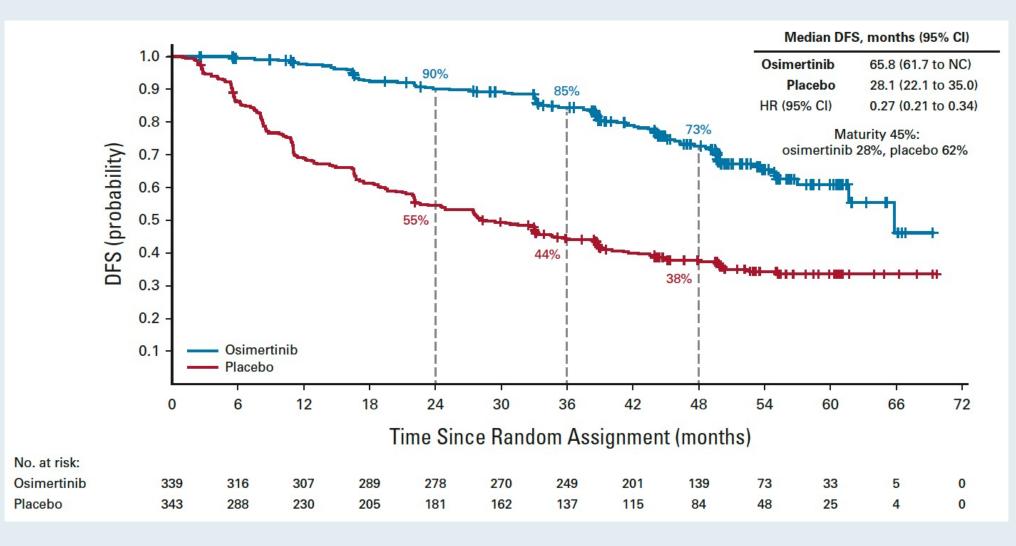
ADAURA Updated Results: Disease-Free Survival (DFS) in Stage II/IIIA Disease





Herbst RS et al. J Clin Oncol 2023;41(10):1830-40.

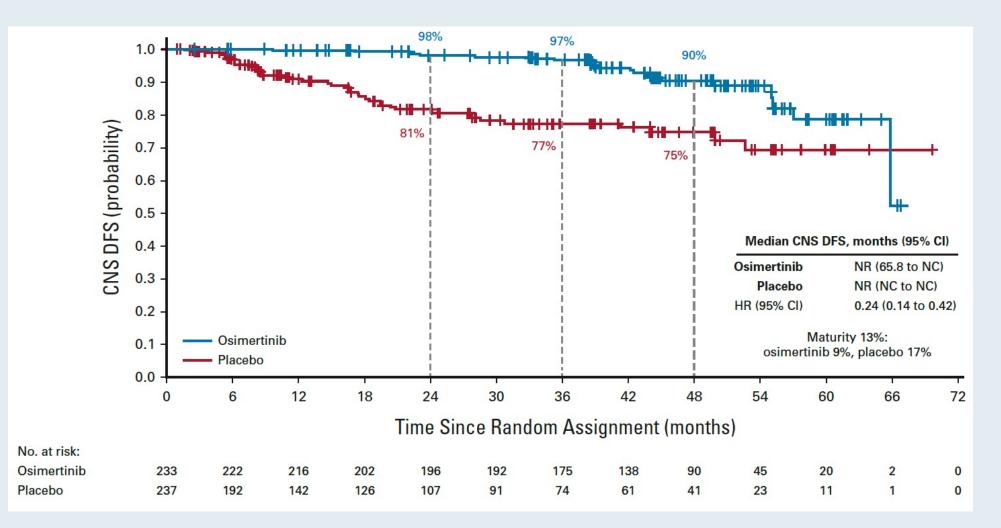
ADAURA Updated DFS Results in the Overall Population (Stage IB-IIIA Disease)





Herbst RS et al. J Clin Oncol 2023;41(10):1830-40.

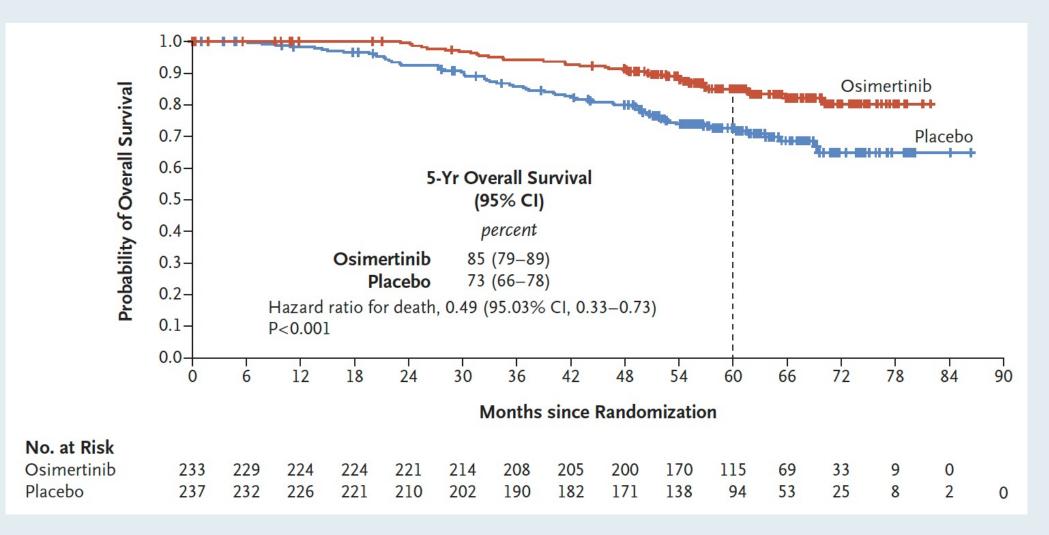
ADAURA Trial: CNS Disease-Free Survival per Investigator Assessment in Stage II-IIIA Disease





Herbst RS et al. J Clin Oncol 2023;41(10):1830-40.

ADAURA: Overall Survival in Stage II/IIIA Disease





Tsuboi M et al. N Engl J Med 2023;389(2):137-47.

ADAURA: Most Common All-Causality Adverse Events in ≥10% of Patients in Both Treatment Groups

	Osimertinib ($n = 337$)				Placebo (n = 343)			
Most Common All-Causality AE ^d	Any Grade	Grade 1	Grade 2	Grade 3	Any Grade	Grade 1	Grade 2	Grade 3
Diarrhea	159 (47)	114 (34)	36 (11)	9 (3)	70 (20)	55 (16)	14 (4)	1 (< 1)
Paronychia	92 (27)	33 (10)	56 (17)	3 (1)	5 (1)	2 (1)	3 (1)	0
Dry skin	84 (25)	79 (23)	4 (1)	1 (< 1)	23 (7)	19 (6)	4 (1)	0
Pruritus	70 (21)	52 (15)	18 (5)	0	30 (9)	28 (8)	2 (1)	0
Cough	66 (20)	45 (13)	21 (6)	0	61 (18)	44 (13)	17 (5)	0
Stomatitis	59 (18)	35 (10)	18 (5)	6 (2)	15 (4)	11 (3)	4 (1)	0
Upper respiratory tract infection	53 (16)	29 (9)	22 (7)	2 (1)	37 (11)	19 (6)	18 (5)	0
Nasopharyngitis	50 (15)	31 (9)	19 (6)	0	36 (10)	25 (7)	11 (3)	0
Decreased appetite	48 (14)	33 (10)	13 (4)	2 (1)	13 (4)	9 (3)	4 (1)	0
Dermatitis acneiform	41 (12)	31 (9)	10 (3)	0	16 (5)	12 (3)	4 (1)	0
Mouth ulceration	39 (12)	32 (9)	7 (2)	0	10 (3)	7 (2)	3 (1)	0
Weight decreased	35 (10)	19 (6)	14 (4)	2 (1)	9 (3)	7 (2)	2 (1)	0
Nausea	34 (10)	28 (8)	5 (1)	1 (< 1)	20 (6)	15 (4)	5 (1)	0
Rash	33 (10)	24 (7)	9 (3)	0	12 (3)	10 (3)	2(1)	0
Arthralgia	23 (7)	18 (5)	5 (1)	0	37 (11)	32 (9)	5 (1)	0
Headache	26 (8)	24 (7)	2 (1)	0	34 (10)	27 (8)	7 (2)	0



First-Line Therapy for Metastatic NSCLC with an EGFR Mutation



2020;382:41-50

The NEW ENGLAND JOURNAL of MEDICINE

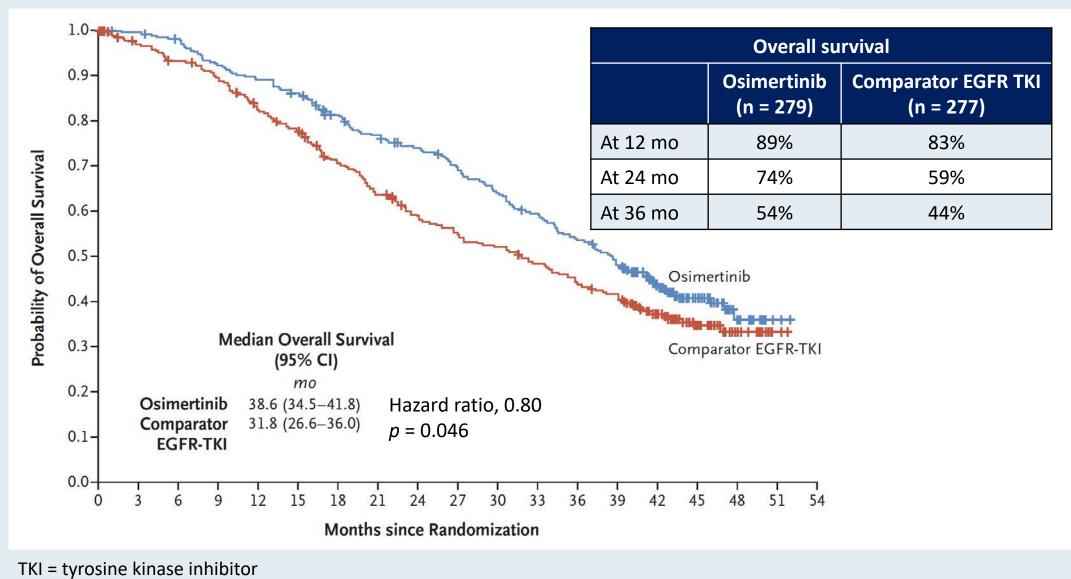
ORIGINAL ARTICLE

Overall Survival with Osimertinib in Untreated, EGFR-Mutated Advanced NSCLC

S.S. Ramalingam, J. Vansteenkiste, D. Planchard, B.C. Cho, J.E. Gray, Y. Ohe,
C. Zhou, T. Reungwetwattana, Y. Cheng, B. Chewaskulyong, R. Shah, M. Cobo,
K.H. Lee, P. Cheema, M. Tiseo, T. John, M.-C. Lin, F. Imamura, T. Kurata,
A. Todd, R. Hodge, M. Saggese, Y. Rukazenkov, and J.-C. Soria,
for the FLAURA Investigators*



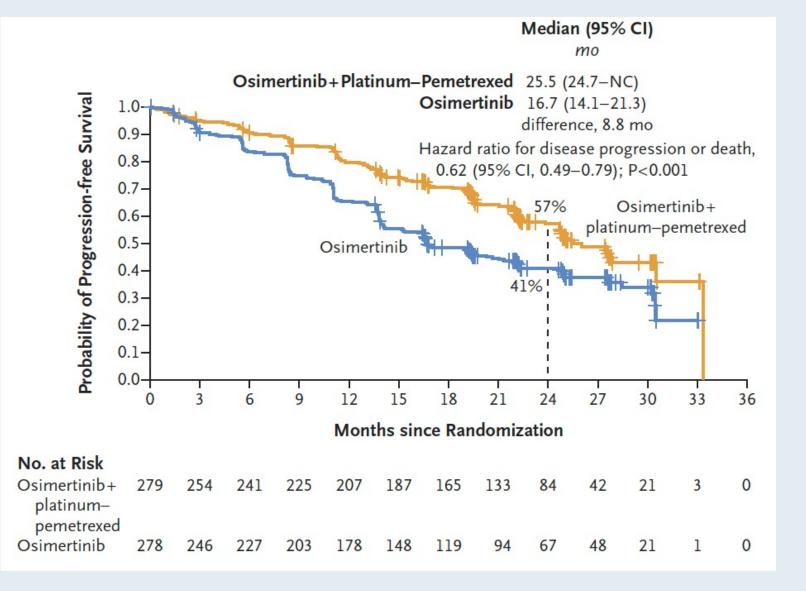
FLAURA Trial: Overall Survival



Ramalingam SS et al. N Engl J Med 2020;382:41-50.



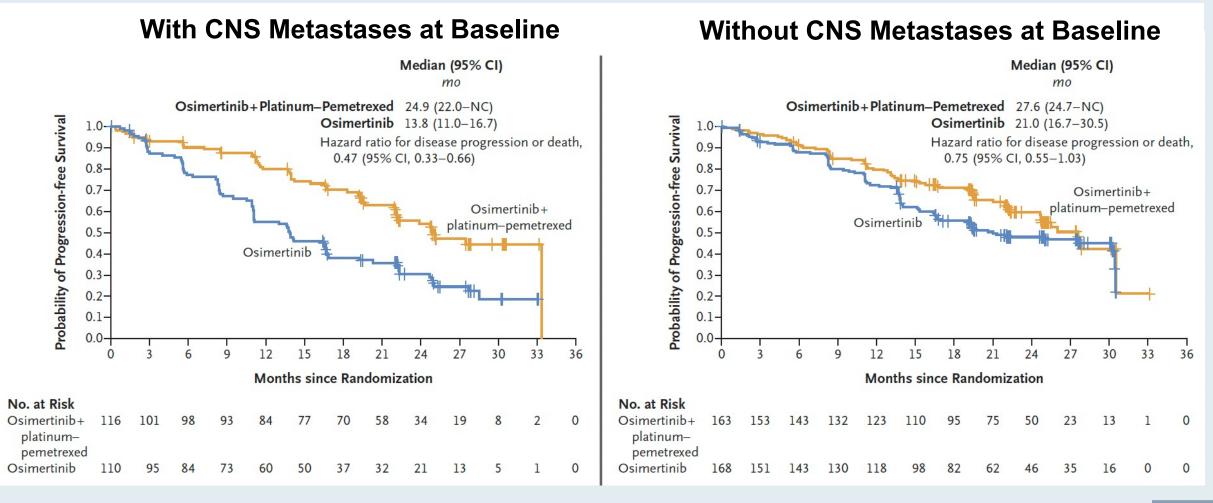
FLAURA2 Primary Endpoint: Investigator-Assessed PFS





Planchard D et al. N Engl J Med 2023;389(21):1935-48.

FLAURA2 Trial: PFS for Patients with and without CNS Metastases at Baseline





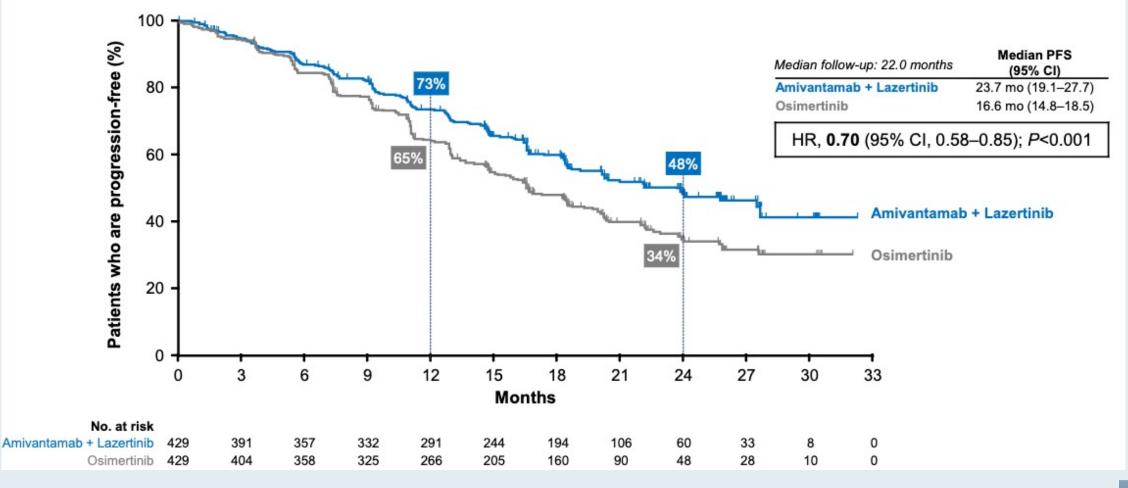
Planchard D et al. N Engl J Med 2023;389:1935-48.

FLAURA2: Adverse Events (≥15% of Patients)

Event	Osimertinib + Platinum–Pemetrexed (N =276)				Osimertinib Monotherapy (N=275)					
	Any Grade	Grade 1	Grade 2	Grade 3	Grade 4	Any Grade	Grade 1	Grade 2	Grade 3	Grade 4
Anemia	128 (46)	30 (11)	43 (16)	55 (20)	0	22 (8)	15 (5)	6 (2)	1 (<1)	0
Diarrhea	120 (43)	83 (30)	29 (11)	8 (3)	0	112 (41)	89 (32)	22 (8)	1 (<1)	0
Nausea	119 (43)	81 (29)	34 (12)	4 (1)	0	28 (10)	22 (8)	6 (2)	0	0
Decreased appetite	85 (31)	49 (18)	28 (10)	8 (3)	0	26 (9)	18 (7)	6 (2)	2 (1)	0
Constipation	81 (29)	60 (22)	20 (7)	1 (<1)	0	28 (10)	23 (8)	5 (2)	0	0
Rash	77 (28)	55 (20)	21 (8)	1 (<1)	0	57 (21)	46 (17)	11 (4)	0	0
Fatigue	76 (28)	45 (16)	23 (8)	8 (3)	0	26 (9)	24 (9)	1 (<1)	1 (<1)	0
Vomiting	73 (26)	50 (18)	20 (7)	3 (1)	0	17 (6)	13 (5)	4 (1)	0	0
Stomatitis	68 (25)	40 (14)	27 (10)	1 (<1)	0	50 (18)	32 (12)	17 (6)	1 (<1)	0
Neutropenia	68 (25)	4 (1)	27 (10)	30 (11)	7 (3)	9 (3)	3 (1)	4 (1)	2 (1)	0
Paronychia	65 (24)	28 (10)	35 (13)	2 (1)	0	73 (27)	37 (13)	35 (13)	1 (<1)	0
Neutrophil count decrease	62 (22)	5 (2)	26 (9)	25 (9)	6 (2)	16 (6)	6 (2)	8 (3)	2 (1)	0
Covid-19†	57 (21)	23 (8)	31 (11)	2 (1)	0	39 (14)	18 (7)	21 (8)	0	0
ALT increase	56 (20)	36 (13)	16 (6)	4 (1)	0	21 (8)	17 (6)	3 (1)	1 (<1)	0
Platelet count decrease	51 (18)	19 (7)	11 (4)	18 (7)	3 (1)	19 (7)	18 (7)	1 (<1)	0	0
Thrombocytopenia	51 (18)	19 (7)	13 (5)	16 (6)	3 (1)	12 (4)	6 (2)	3 (1)	3 (1)	0
Dry skin	50 (18)	43 (16)	7 (3)	0	0	66 (24)	62 (23)	4 (1)	0	0
AST increase	48 (17)	42 (15)	5 (2)	1 (<1)	0	13 (5)	12 (4)	0	1 (<1)	0
Blood creatinine increase	46 (17)	33 (12)	13 (5)	0	0	12 (4)	10 (4)	2 (1)	0	0
White-cell count decrease	44 (16)	7 (3)	28 (10)	8 (3)	1 (<1)	18 (7)	9 (3)	8 (3)	1 (<1)	0
Peripheral edema	42 (15)	33 (12)	9 (3)	0	0	12 (4)	9 (3)	3 (1)	0	0

MARIPOSA Primary Endpoint: PFS by Blinded Independent Central Review

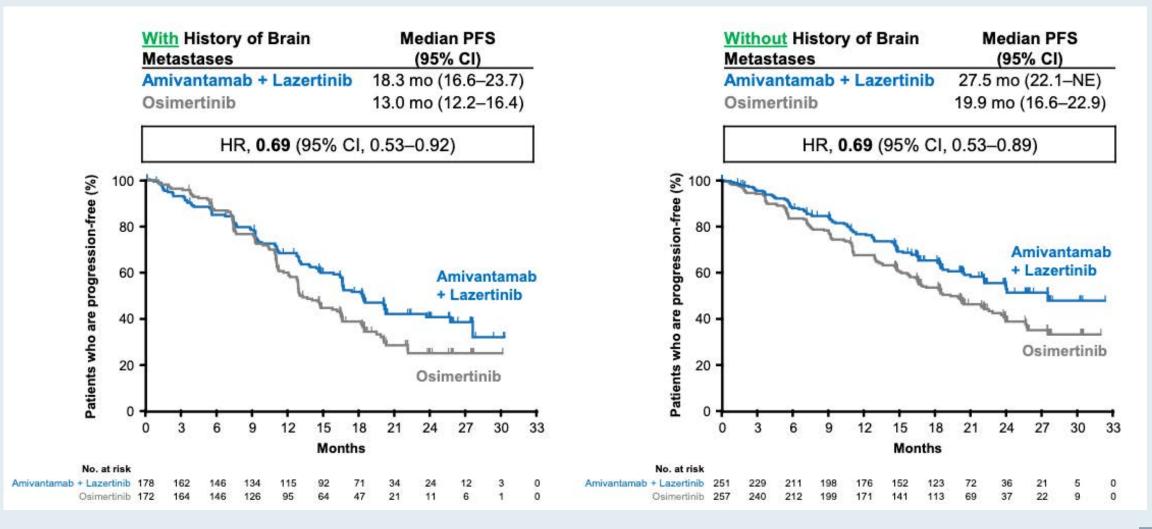
Amivantamab + lazertinib reduced the risk of progression or death by 30% and improved median PFS by 7.1 months





Cho BC et al. ESMO 2023; Abstract LBA14.

MARIPOSA: PFS for Patients with and without Brain Metastases



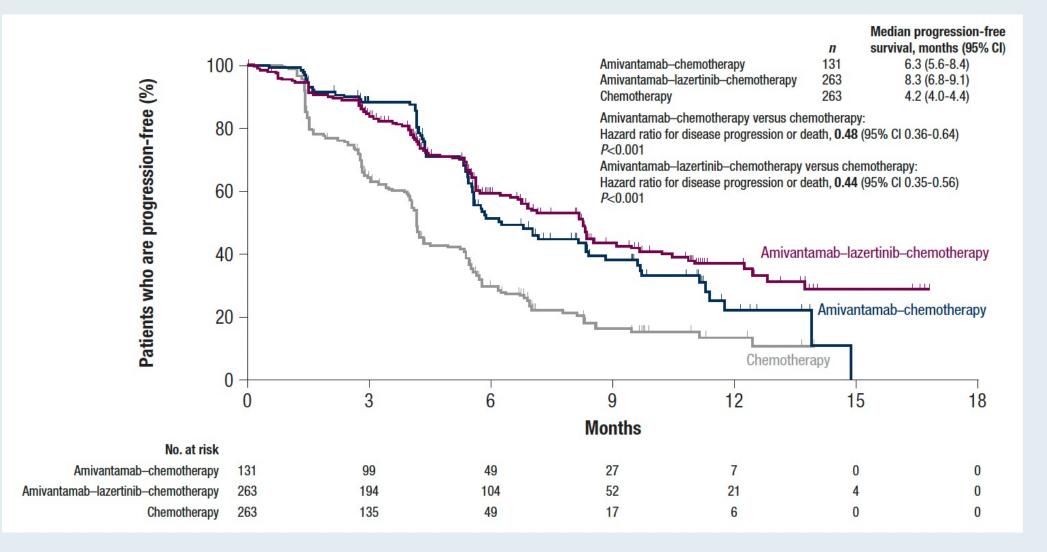


Cho BC et al. ESMO 2023; Abstract LBA14.

Management of Progressive NSCLC with an EGFR Mutation



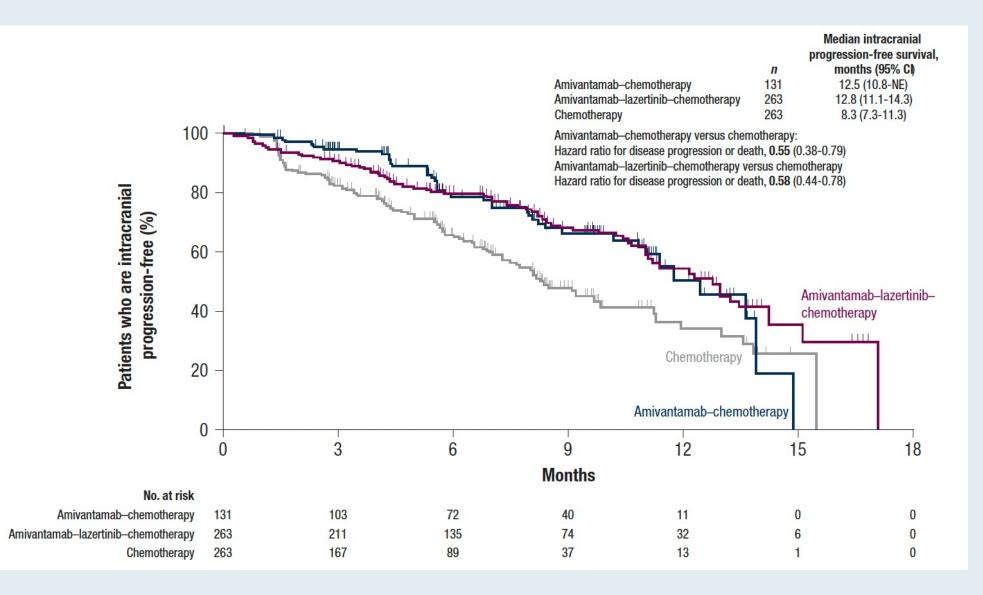
MARIPOSA-2 Primary Endpoint: PFS





Passaro A et al. Ann Oncol 2024;35(1):77-90.

MARIPOSA-2: Intracranial PFS for All Randomized Patients





Passaro A et al. Ann Oncol 2024;35(1):77-90.

MARIPOSA-2 Trial: Safety Profile

Event, <i>n</i> (%)	Chemotherapy ($n = 243$)		Amivantamab— chemotherapy ($n = 130$)		Amivantamab $-$ lazertinib $-$ chemotherapy ($n = 263$)	
Any event	227 (93)		130 (100)		263 (100)	
Grade \geq 3	117 (48)		94 (72)		242 (92)	
Any serious event	49 (20)		42 (32)		137 (52)	
Any event resulting in death	3 (1)		3 (2)		14 (5)	
Any event leading to:						
Interruptions of any study agent	81 (33)		84 (65)		202 (77)	
Reductions of any study agent	37 (15)		53 (41)		171 (65)	
Discontinuations of any study agent	9 (4)		24 (18)		90 (34)	
Adverse events ^a	All	Grade \geq 3	All	Grade ≥3	All	Grade ≥3
Neutropenia ^b	101 (42)	52 (21)	74 (57)	59 (45)	181 (69)	144 (55)
Thrombocytopenia ^b	72 (30)	22 (9)	57 (44)	19 (15)	158 (60)	96 (37)
Infusion-related reaction	1 (0.4)	0	76 (58)	7 (5)	148 (56)	9 (3)
Anemia	97 (40)	23 (9)	51 (39)	15 (12)	141 (54)	48 (18)
Paronychia	1 (0.4)	0	48 (37)	3 (2)	133 (51)	11 (4)
Nausea	90 (37)	2 (1)	58 (45)	1 (1)	131 (50)	16 (6)
Rash	12 (5)	0	56 (43)	8 (6)	126 (48)	17 (6)
Stomatitis	21 (9)	0	41 (32)	1 (1)	120 (46)	24 (9)
Leukopenia	68 (28)	23 (9)	37 (28)	26 (20)	106 (40)	71 (27)
Hypoalbuminemia	21 (9)	1 (0.4)	29 (22)	3 (2)	104 (40)	12 (5)
Constipation	72 (30)	0	50 (38)	1 (1)	96 (37)	3 (1)
Decreased appetite	51 (21)	3 (1)	40 (31)	0	85 (32)	7 (3)
Peripheral edema	15 (6)	0	42 (32)	2 (2)	85 (32)	1 (0.4)
Vomiting	42 (17)	1 (0.4)	32 (25)	1 (1)	76 (29)	10 (4)
Fatigue	47 (19)	4 (2)	36 (28)	4 (3)	69 (26)	15 (6)
Diarrhea	16 (7)	1 (0.4)	18 (14)	1 (1)	68 (26)	10 (4)
Asthenia	40 (16)	5 (2)	34 (26)	1 (1)	67 (25)	14 (5)
Dermatitis acneiform	7 (3)	0	26 (20)	5 (4)	62 (24)	17 (6)
Alanine aminotransferase increased	67 (28)	10 (4)	26 (20)	7 (5)	55 (21)	14 (5)
Hypokalemia	15 (6)	6 (2)	24 (18)	6 (5)	55 (21)	16 (6)
COVID-19	25 (10)	0	27 (21)	2 (2)	44 (17)	0
Hypocalcemia	9 (4)	0	16 (12)	1 (1)	44 (17)	3 (1)
Aspartate aminotransferase increased	57 (23)	0	19 (15)	1 (1)	43 (16)	7 (3)
Hyponatremia	16 (7)	2 (1)	13 (10)	5 (4)	42 (16)	10 (4)
Pruritus	17 (7)	0	20 (15)	0	30 (11)	0
Adverse events of special interest	All	Grade \geq 3	All	Grade ≥3	All	Grade ≥3
Rash ^c	30 (12)	0 -	92 (71)	13 (10)	197 (75)	40 (15)
Venous thromboembolism ^d	11 (5)	7 (3)	13 (10)	3 (2)	58 (22)	17 (6)
Interstitial lung disease ^e	0	0	2 (2)	1 (1)	7 (3)	5 (2)

RTP RESEARCH TO PRACTICE

Passaro A et al. Ann Oncol 2023;389:2039-51.



Abstract 9021

Tepotinib + osimertinib for *EGFR* mutant NSCLC with *MET* amplification after first-line osimertinib

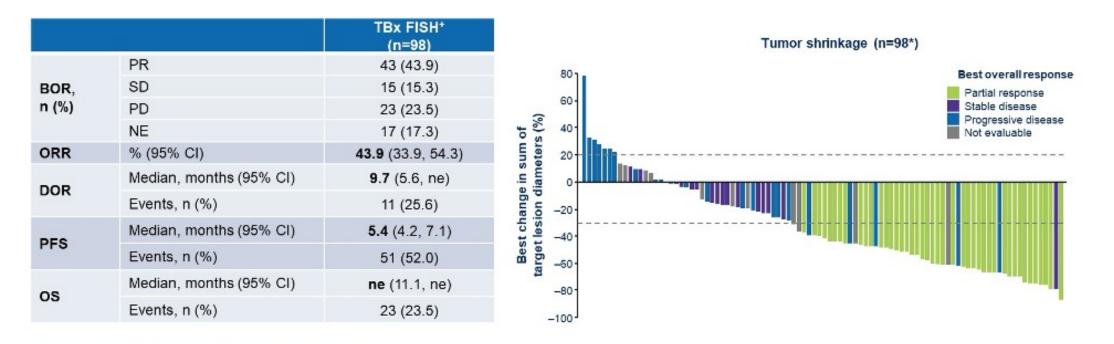
Daniel Shao-Weng Tan¹ (daniel.tan.s.w@singhealth.com.sg; @danieltanmd / Twitter), Tae Min Kim², Valentina Guarneri³, Pei Jye Voon⁴, Boon Khaw Lim⁵, Marie Wislez⁶, Cheng Huang⁷, Chong Kin Liam⁵, Julien Mazieres⁸, Lye Mun Tho⁹, Hidetoshi Hayashi¹⁰, Nhung Nguyen¹¹, Puey Ling Chia¹², Filippo de Marinis¹³, Xiuning Le¹⁴, Pongwut Danchaivijitr¹⁵, Niki Karachaliou¹⁶, Sabine Brutlach¹⁷, Svenja Adrian¹⁶, Barbara Ellers-Lenz¹⁸, Yi-Long Wu¹⁹

¹Division of Medical Oncology, National Cancer Centre, Singapore; ²Seoul National University Cancer Research Institute, Seoul, Republic of Korea; Department of Internal Medicine, Seoul National University of Padova, Oncology 2, IOV - Istituto Oncologico Veneto IRCCS - IOV, Padova, Italy; ⁴Hospital Umum Sarawak, Kuching, Sarawak, Malaysia; ⁴Department of Medicine, Faculty of Medicine, Faculty of Medicine, University of Malaysa, Kuala Lumpur, Malaysa, ⁵Thoracic Oncology University of Padova, Decology University of Medicine, Seoul Respital Umum Sarawak, Kuching, Sarawak, Malaysia; ⁴Department of Medicine, Faculty of Medicine, Faculty of Medicine, University of Malaysa, ⁵Thoracic Oncology, University Faculty Of Medicine, Department of Concology, University Faculty Of Medicine, Seoul Republic of Korea; Department of Oncology, University Faculty Of Medicine, Seoul Republic of Korea; ¹Department of Oncology, University Faculty Of Medicine, Seoul Republic of Korea; ¹Department of Oncology, University Faculty, ⁴Central, Fuchou Concology, University Faculty, ⁴Central, Fuchou Concology, Viational Lung, ⁴Central, ⁴Department of Oncology, Kindal University, Faculty Of Medicine, Osaka, Japar; ¹National Lung Hospital, Kuala Lumpur, Malaysia; ¹Department of Medical Oncology, Kindal University, Faculty of Medicine, Osaka, Japar; ¹National Lung Hospital, Kuala Lumpur, ¹Medicine, Osaka, Japar; ¹National Lung Hospital, Singapore; ¹Thoracic Oncology Division, European Institute of Oncology (IEO), IRCCS, Milan, Italy, ¹⁴Department of Thoracic Head and Neck Medical Oncology, The University of Texas MD Anderson Cancer Center, Houston, TX, USA; ¹⁵Division of Medical Oncology, Department of Internal Medicine, Faculty of Medicine, Sirra; Hospital, Mahidol University, Bangkok, Thaliand; ¹⁶Diobal Clinical Development, the healthcare business of Merck KGaA, Darmstadt, Germany; ¹⁶Diobal Development of Medical Sciences, Guangdong Lung Cancer Institute, Guangdong Provincial People's Hospital and Gu



INSIGHT 2 Trial: Objective Response with Tepotinib and Osimertinib in Patients with TBx FISH-Positive MET Amplification

- Of 98 patients with TBx FISH⁺ METamp (primary analysis set), BOR was PR in 43 patients, for an ORR of 43.9% (95% CI: 33.9, 54.3)
- As the data matures, six additional PRs have been confirmed



*Four patients were excluded due to baseline/post-baseline measurement not being available

BOR, best overall response, Cl, confidence interval; DOR, duration of response; FISH, fluorescentin stu hybridization; MET, mesenchymal-epithekal transition factor; MET amplification; ne, not evaluable; ORR, objective response rate; OS, overall survival; PD, progressive disease; PFS, progression-free survival; PR, partial response; SD, stable disease; TBA, fissue biopsy;

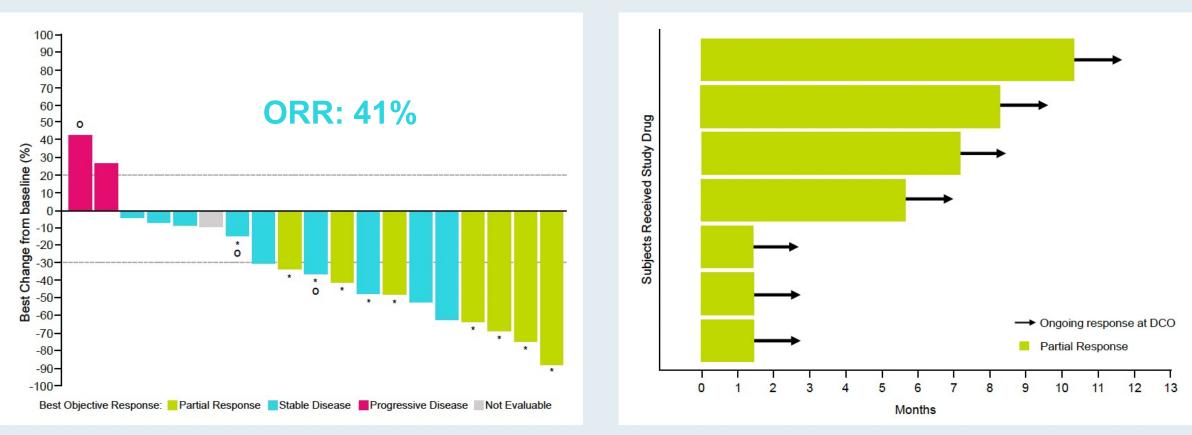


ORCHARD Osimertinib + Savolitinib Interim Analysis: A Biomarker-Directed Phase II Platform Study in Patients with Advanced Non-Small Cell Lung Cancer (NSCLC) Whose Disease Has Progressed on First-Line (1L) Osimertinib

Yu HA et al. ESMO 2021;Abstract 1239P.



ORCHARD: Response and Duration of Response with Osimertinib and Savolitinib for Advanced NSCLC



ORR = objective response rate; DCO = data cutoff

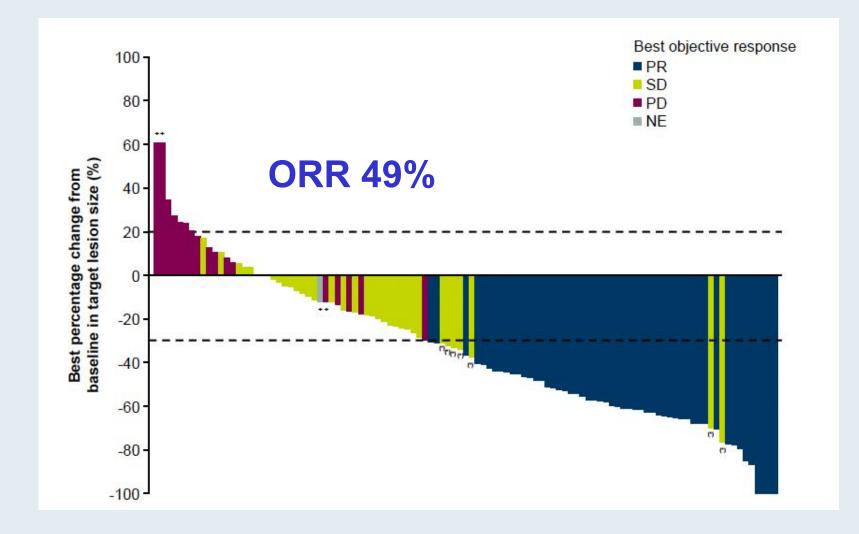


MET Biomarker-Based Preliminary Efficacy Analysis in SAVANNAH: Savolitinib + Osimertinib in EGFRm NSCLC Post-Osimertinib

Ahn M-J et al. WCLC 2022;Abstract EP08.02-140.



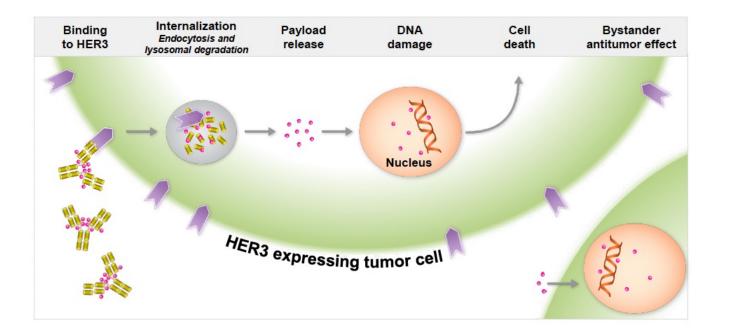
SAVANNAH Trial: Response with Osimertinib and Savolitinib in Patients with Advanced NSCLC and MET Overexpresion





Proposed Mechanism of Action for HER3-DXd

The mAb component of HER3-DXd selectively binds to HER3 on the tumor cell surface⁴ HER3-DXd is internalized by the tumor cell, and intracellular lysosomal enzymes (cathepsins) upregulated in tumor cells cleave the tetrapeptide-based linker.^{4,6,10,11} The topoisomerase I inhibitor payload is released into the cytoplasm of the cell^{5,12} The released payload enters the cell nucleus and damages the tumor cell's DNA. The DNA damage caused by the payload results in tumor cell death^{4,6,11,13} The payload is cell membrane permeable, which enables a bystander antitumor effect resulting in elimination of both HER3 expressing and surrounding tumor cells^{5,9}





Targeting EGFR Exon 20 Insertion Mutations



Amivantamab in EGFR Exon 20 Insertion— **Mutated Non–Small-Cell Lung Cancer Progressing on Platinum Chemotherapy: Initial Results From the CHRYSALIS Phase I Study**

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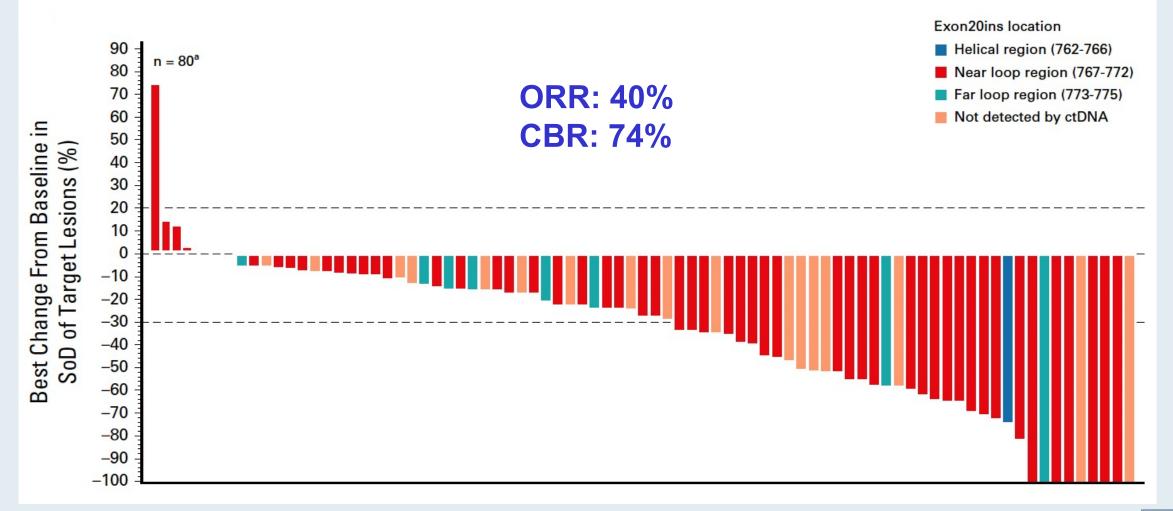
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CHRYSALIS: Tumor Reduction and Response



ORR = overall response rate; CBR = clinical benefit rate

RTP RESEARCH TO PRACTICE

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CHRYSALIS: Summary of Adverse Events (AEs) and Most Common AEs

Event	Safety Population ($n = 114$), No. (%)	Patients Treated at the RP2D ($n = 258$), No. (%)
Any AE	113 (99)	257 (100)
Grade \geq 3 AE	40 (35)	101 (39)
Serious AE	34 (30)	79 (31)
AE leading to death	8 (7)	13 (5)
AE leading to discontinuation	11 (10)	17 (7)
AE leading to dose reduction	15 (13)	26 (10)
AE leading to dose interruption ^a	40 (35)	88 (34)

Most Common AEs in the Safety Population

Adverse Events	Any Grade	Grade ≥3
Rash	86%	4%
Infusion-related reactions	66%	3%
Paronychia	45%	1%



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What I Tell My Patients: Integrating New Research Information into Current Clinical Care

A Complimentary NCPD Hybrid Symposium Series Held During the 49th Annual ONS Congress

Non-Small Cell Lung Cancer with an EGFR Mutation

Friday, April 26, 2024 12:15 PM – 1:45 PM

Faculty

Marianne J Davies, DNP, ACNP, AOCNP, FAAN Alexander I Spira, MD, PhD Jillian Thompson, MSN, ANP-BC, AOCNP Helena Yu, MD <u>Moderator</u> Neil Love, MD



What I Tell My Patients: Integrating New Research Information into Current Clinical Care

A Complimentary NCPD Hybrid Symposium Series Held During the 49th Annual ONS Congress

Ovarian Cancer

Friday, April 26, 2024 6:00 PM – 7:30 PM

Faculty

Courtney Arn, CNP Floor J Backes, MD Kathleen N Moore, MD, MS Jaclyn Shaver, MS, APRN, CNP, WHNP Moderator Neil Love, MD



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