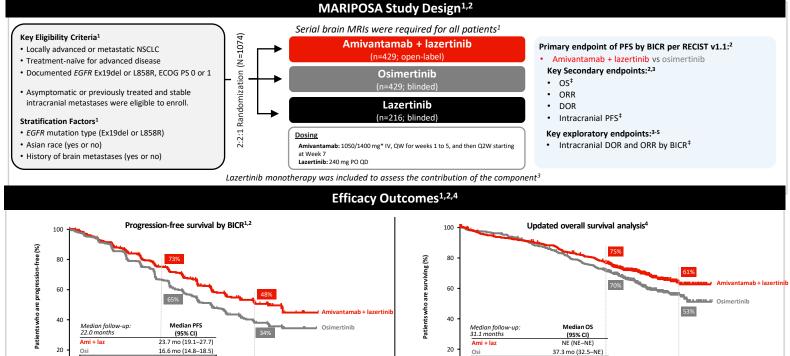
MARIPOSA Phase 3 Study: Efficacy & Safety

Intravenous Amivantamab Plus Lazertinib in Previously Untreated Locally Advanced or Metastatic NSCLC with EGFR Exon 19 Deletions or Exon 21 L858R Substitution Mutations

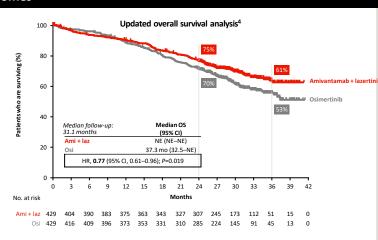


At a median follow-up of 22.0 months, amivantamab + lazertinib reduced the risk of progression or death by 30% and significantly improved PFS versus osimertinib

Months

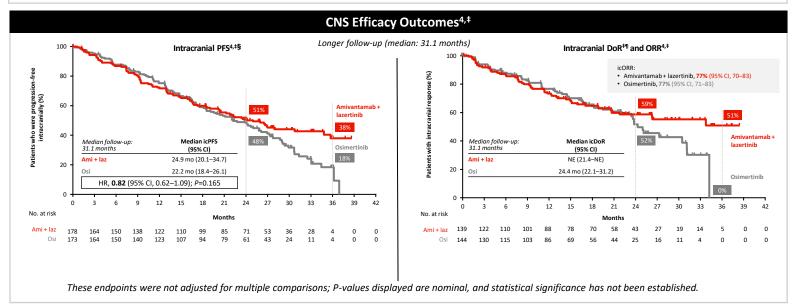
HR, 0.70 (95% CI, 0.58-0.85); P<0.001

429 404 358 325 266 205 160



The P-value displayed is nominal, and statistical significance has not been established.

ORR² DoR² %. (95% CI) Median, months (95% CI) 78% (95% CI: 74-82) 25.8 months (95% CI: 20.1-NE) Amivantamab + lazertinib (n=429) CR: 5.4% PR: 73% DoR ≥12 months: 68% DoR ≥6 months: 86% 73% (95% CI: 69-78) 16.7 months (95% CI: 14.8-18.5) Osimertinib (n=429) CR: 3.5% PR: 70% DoR ≥6 months: 85% DoR ≥12 months: 57%



© Janssen Biotech Inc. 2024. Provided in response to a medical information request; not to be used in promotion; no further use permitted.



*1400-mg doses for patients with body weight 80 kg or greater. ‡Endpoints are reported from a non-prespecified data cut off. §Intracranial PFS was defined as time from randomization until the date of intracranial disease progression (progression of brain metastasis or occurrence of new brain lesions) or death, based on BICR using RECIST v1.1 among patients with a history of brain metastases. Baseline brain MRI was required for all patients and performed <28 days prior to randomization; patients who could not have MRIs were allowed to have CT scans, Brain scan frequency was every 8 weeks for the first 30 months, then every 12 weeks thereafter for patients with a history of brain metastasis and every 24 weeks for patients with no history of brain metastasis. Intracranial DOR was defined as the time from the date of first documented intracranial response (CR or PR) until the date of documented intracranial progression or death, whichever occurred first, among patients with a history of brain metastases at screening who have intracranial CR or PR based on BICR using RECISTv1.1.

Ami + laz, amivantamab + lazertinib; BICR, blinded independent central review; C, cycle; CI, confidence interval; CNS, central nervous system; CR, complete response; D, day; DoR, duration of response; ECOG PS, Eastern Cooperative Oncology Group performance status; EGFR, epidermal growth factor receptor; Ex19del, Exon 19 deletion; ic, intracranial; IV, intravenous; L858R, Exon 21 L858R; NE, not estimable; NSCLC, non-small cell lung cancer; ORR, objective response rate; OS, overall survival; osi, osimertinib; PFS, progression-free survival; PFS, PFS after first subsequent therapy; PO, oral; PR, partial response; Q2W, every 2 weeks; QD daily; QW, weekly; RECIST, Response Evaluation Criteria in Solid Tumors; TTD, time to treatment discontinuation; TTSP, time to symptomatic progression; TTST, time to subsequent therapy

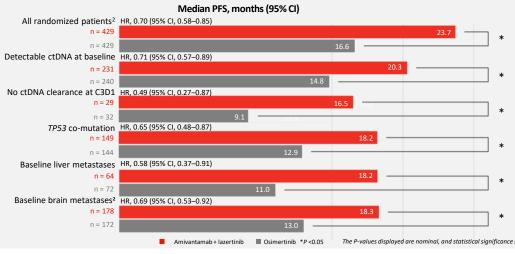
MARIPOSA Phase 3 Study: Efficacy & Safety

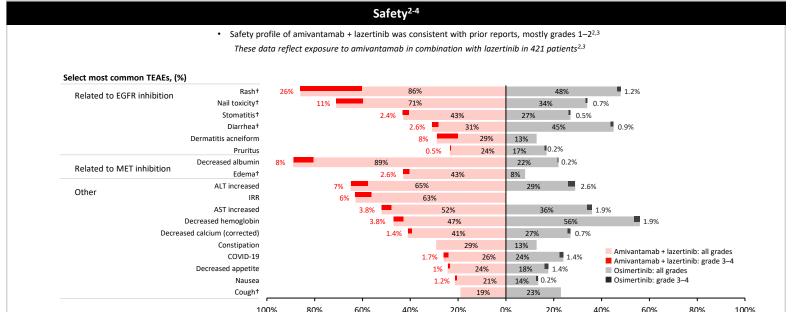
Intravenous Amivantamab plus Lazertinib in Previously Untreated common EGFR-Mutated Advanced NSCLC

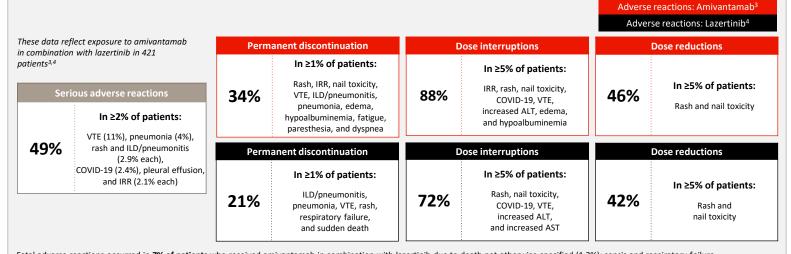


In the MARIPOSA study, 89% of patients had ≥1 high-risk feature detected at baseline

- · ctDNA was detected by NGS in 85% of patients which remained persistent at C3D1 in 15% of patients
- TP53 co-mutations were detected in 54% of patients while baseline liver and brain metastases were detected in 16% and 41% of patients, respectively







Fatal adverse reactions occurred in **7% of patients** who received amivantamab in combination with lazertinib due to death not otherwise specified (1.2%); sepsis and respiratory failure (1% each); pneumonia, myocardial infarction and sudden death (0.7% each); cerebral infarction, pulmonary embolism, and COVID-19 infection (0.5% each); and ILD/pneumonitis, acute respiratory distress syndrome, and cardiopulmonary arrest (0.2% each).

© Janssen Biotech Inc. 2024. Provided in response to a medical information request; not to be used in promotion; no further use permitted.



†Grouped terms.

AE, adverse event; ALT, alanine aminotransferase; AST, aspartate aminotransferase; C, cycle; Cl, confidence interval; ctDNA, circulating tumor DNA; D, day; EGFR, epidermal growth factor receptor; HR, hazard ratio; ILD, interstitial lung disease (includes pneumonitis); IRR, infusion-related reaction; NGS, next generation sequencing; OS, overall survival; TEAE, treatment-emergent adverse event; VTE, venous thromboembolism.