

WHAT DO THESE RESULTS **MEAN FOR INDIVIDUALS** WITH NON-SMALL CELL **LUNG CANCER (NSCLC)?**

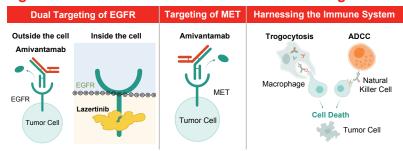
Amivantamab plus lazertinib helped individuals with previously untreated epidermal growth factor receptor (EGFR)-mutant NSCLC live longer compared to osimertinib, with a projected median overall survival benefit of >1 year. Amivantamab plus lazertinib also worked better on cancer that had spread to the brain



WHAT WAS THE PURPOSE OF THIS STUDY?

 Researchers wanted to see if a combination of 2 drugs, amivantamab plus lazertinib, worked better than another drug, osimertinib, for treating individuals who had previously untreated advanced EGFR-mutant NSCLC

Figure 1: How amivantamab + lazertinib work together



ADCC, antibody-dependent cellular cytotoxicity; EGFR, epidermal growth factor receptor



WHO WAS IN THE STUDY AND **HOW WAS IT CARRIED OUT?**

- MARIPOSA (NCT04487080) was conducted by randomly assigning participants to 1 of 3 groups: the first group received amivantamab plus lazertinib, the second group received osimertinib, and the third one received lazertinib alone; here we focus on the amivantamab plus lazertinib and osimertinib groups
- The main goals of this analysis were to see how long the participants lived and how effective these drugs are in the brain

Figure 2: MARIPOSA study design



for advanced NSCLC participants

Evaluate participants for Osimertinib response to treatment and Primary endpoint: Progression-free survival (assessed in a previous analysis)1 Secondary endpoints presented here

 Overall survival Intracranial progression-free survival

Intracranial duration of response

EGFR, epidermal growth factor receptor; NSCLC, non-small cell lung cancer

Amivantamab Plus Lazertinib vs Osimertinib in First-Line EGFR-Mutant Advanced NSCLC: Final Overall Survival From MARIPOSA

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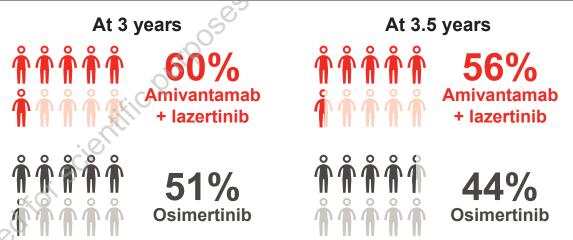
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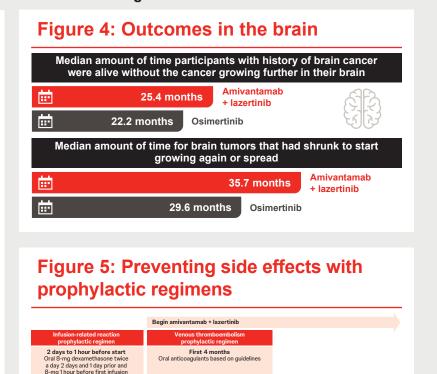
WHAT WERE THE RESULTS?

The study found that amivantamab plus lazertinib helped participants live longer compared to osimertinib, with a projected median overall survival benefit of >1 year. Participants with a history of their cancer spreading to their brain were less likely to have their disease grow further in their brain or die

Figure 3: Overall survival **Amivantamab + lazertinib** Not reached Participants who received 25% amivantamab + lazertinib The median were 25% less likely to amount of time **Osimertinib** die compared with those that participants who received osimertinib were alive #** 36.7 months

Percentage of participants who were alive





Weeks 1-12

by mouth 2 times daily

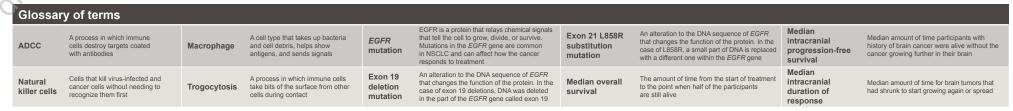
Week 13+ once daily on the scalp before bedtim

ream at least once daily

nails and toenails once daily for 12 months Week 1+

on the body and face for 12 month

Side effects with amivantamab plus lazertinib were generally manageable and no new side effects were observed compared with the previous analysis1





1. Cho BC, et al. N Engl J Med. 2024;391(16):1486-1498