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

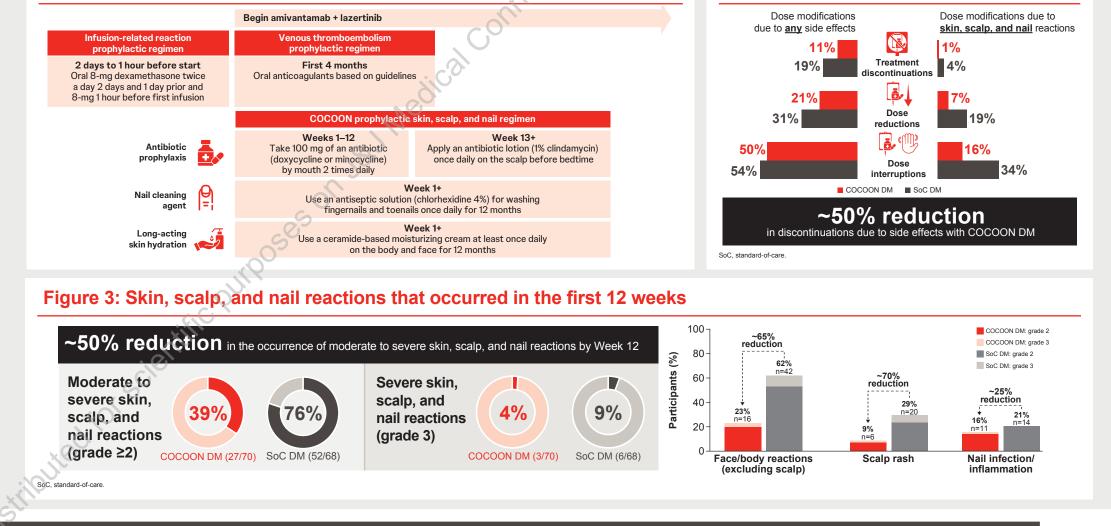
Individuals with advanced epidermal growth factor receptor (EGFR)-mutant NSCLC using the COCOON Dermatologic Management (DM) set of preventive treatments versus standard-of-care (SoC DM) had 50% fewer moderate to severe skin, scalp, and nail reactions with reduced severity during their treatment with amivantamab plus lazertinib, which enabled them to stay on their cancer treatment longer

# **Preventing Moderate to Severe Dermatologic Adverse Events** in First-Line EGFR-Mutant Advanced NSCLC Treated With **Amivantamab Plus Lazertinib: Early Success of the COCOON Trial**

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### <u>-</u> WHAT WERE THE RESULTS?

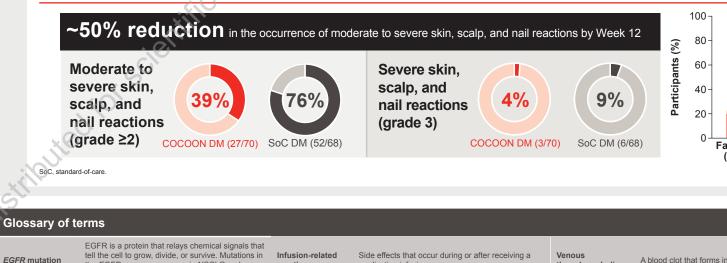
# Figure 2: Preventing side effects with prophylactic regimens



thromboembolism

Exon 19 deletio

mutation



ent doses were , or stopped effects	EGFR mutation	EGFR is a protein that relays chemical signals that tell the cell to grow, divide, or survive. Mutations in the <i>EGFR</i> gene are common in NSCLC and can affect how the cancer responds to treatment	Infusion-related reactions	Side effects that occur during or after receiving a medication infusion
tions, including SPF ≥30 sunscreen, ∙skin	Exon 21 L858R substitution mutation	An alteration to the DNA sequence of <i>EGFR</i> that changes the function of the protein. In the case of L858R, a small part of DNA is replaced with a different one within the <i>EGFR</i> one	UV protective clothing	Clothing designed to protect the skin from harmful UV radiation

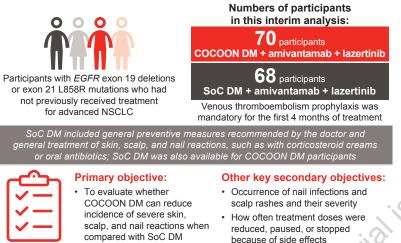
### WHAT WAS THE PURPOSE OF THIS STUDY?

 Researchers wanted to see if a set of preventive treatments (COCOON) DM) could reduce moderate to severe skin, scalp, and nail reactions in participants with advanced EGFR-mutant NSCLC who received amivantamab plus lazertinib for their cancer

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

- COCOON (NCT06120140), a phase 2 clinical trial, was conducted by randomly assigning participants into 1 of 2 groups: 1 group received an enhanced dermatologic care regimen designed to prevent skin, scalp, and nail reactions (COCOON DM), while the other received standard dermatologic care (SoC DM). Both groups received amivantamab plus lazertinib as treatment for their cancer
- The main goal of the study was to see if COCOON DM could reduce moderate to severe skin, scalp, and nail reactions related to amivantamab plus lazertinib in the first 12 weeks of treatment

### Figure 1: COCOON study design



Both study arms received general skin or nail prevention instruct mizing sunlight exposure, wearing UV protective clothing, using and avoiding applying anything alcohol based on their

EGFR, epidermal growth factor receptor; NSCLC, non-small cell lung cancer; SoC, standard-of-care; SPF, sun protection factor.

## Figure 4: Treatment dose modifications

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a vein		
a vein		

Sun protection factor, a measure of how well a sunscreen will protect skin from harmful sun rays (UV-B)

An alteration to the DNA sequence of EGFR that changes the function of the protein. In the case of exon 19 deletions. DNA was deleted in the part of the EGFR gene called exon 19

