A Phase II Study of Osimertinib in Combination With Selumetinib in EGFR Inhibitor–Naïve Advanced EGFR-Mutant Lung Cancer

Principal Investigator: Pasi Janne, MD, PhD

Condition: Non–small cell lung cancer

Institution: Dana-Farber Cancer Institute

This phase II clinical trial is studying the combination of 2 targeted therapies as a possible treatment for non–small cell lung cancer (NSCLC) with an *EGFR* mutation. Osimertinib alone has shown benefit in some patients who have received prior treatment for their *EGFR*-mutant NSCLC. In this trial, selumetinib will be administered orally intermittently (4 days on, 3 days off) and osimertinib will be administered orally on a daily basis. The main purpose of this study is to collect data on how NSCLC responds to this drug combination and any potential adverse events. Specific tyrosine kinase inhibitors have been approved by the FDA for the first-line treatment of patients with NSCLC with an *EGFR* mutation.

Primary Objective:

- Best objective response (time frame: 2 y)

Secondary Objectives:

- Progression-free survival (time frame: 2 y)
- Overall survival (time frame: 2 y)
- Tolerability (time frame: 2 y)
- Toxicity (time frame: 2 y)

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ClinicalTrials.gov Identifier: NCT03392246

The NCCN Oncology Research Program (ORP) strives to improve the quality of life for patients and reduce cancer-related deaths by advancing cancer therapies through research. Since the program's establishment in 1999, the NCCN ORP has brought millions of dollars in research grants to investigators at NCCN Member Institutions. Research grants are provided to NCCN through collaborations with pharmaceutical and biotechnology companies; these grants are in turn used to support scientifically meritorious cancer research efforts.

NCCN ORP studies typically explore new avenues of clinical investigation and seek answers to important cancer-related questions. All studies are approved and funded through a scientific peer-review process and are overseen by the ORP.

This feature highlights an NCCN study funded through the grant mechanism.

doi: 10.6004/jnccn.2019.0021

For more information on specific trials, including patient selection criteria, use the contact information listed with each study.

For more information on the NCCN ORP, including a complete detailing of the clinical studies currently underway at NCCN Member Institutions, go to www.NCCN.org/clinical_trials/clinicians.asp.