# Clinically Meaningful Responses to Fremanezumab in Migraine Patients With Medication Overuse and Documented Inadequate Response to 2-4 Migraine Preventive Medications in the Randomized, Placebo-controlled FOCUS Study

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# Conclusions

# Introduction

- Patients who overuse acute medications for migraine generally experience more migraine days, greater migraine severity, and more severe pain intensity<sup>1</sup>
- Given the increased disease burden for patients with migraine and acute medication overuse, there is a need for effective preventive medications in this population
- Fremanezumab, a fully humanized monoclonal antibody (IgG2 $\Delta$ a) that selectively targets calcitonin gene-related peptide (CGRP),<sup>2</sup> has proven efficacy for preventive treatment of migraine in adults<sup>3,4</sup>
- The FOCUS study (ClinicalTrials.gov Identifier: NCT03308968) of fremanezumab was the first and largest study of a migraine preventive treatment in a population of adults with difficult-to-treat migraine and documented inadequate response to 2 to 4 classes of migraine preventive medications<sup>5</sup>

## **Objective**

 To evaluate responder rates (≥50% and ≥75% reductions in the monthly average number of migraine days from baseline) in a subgroup of patients from the FOCUS study with medication overuse (use of any acute medication on ≥15 days/month or triptans/ergots/combination medications on ≥10 days/month) at baseline

# ঠ্ৰে Methods

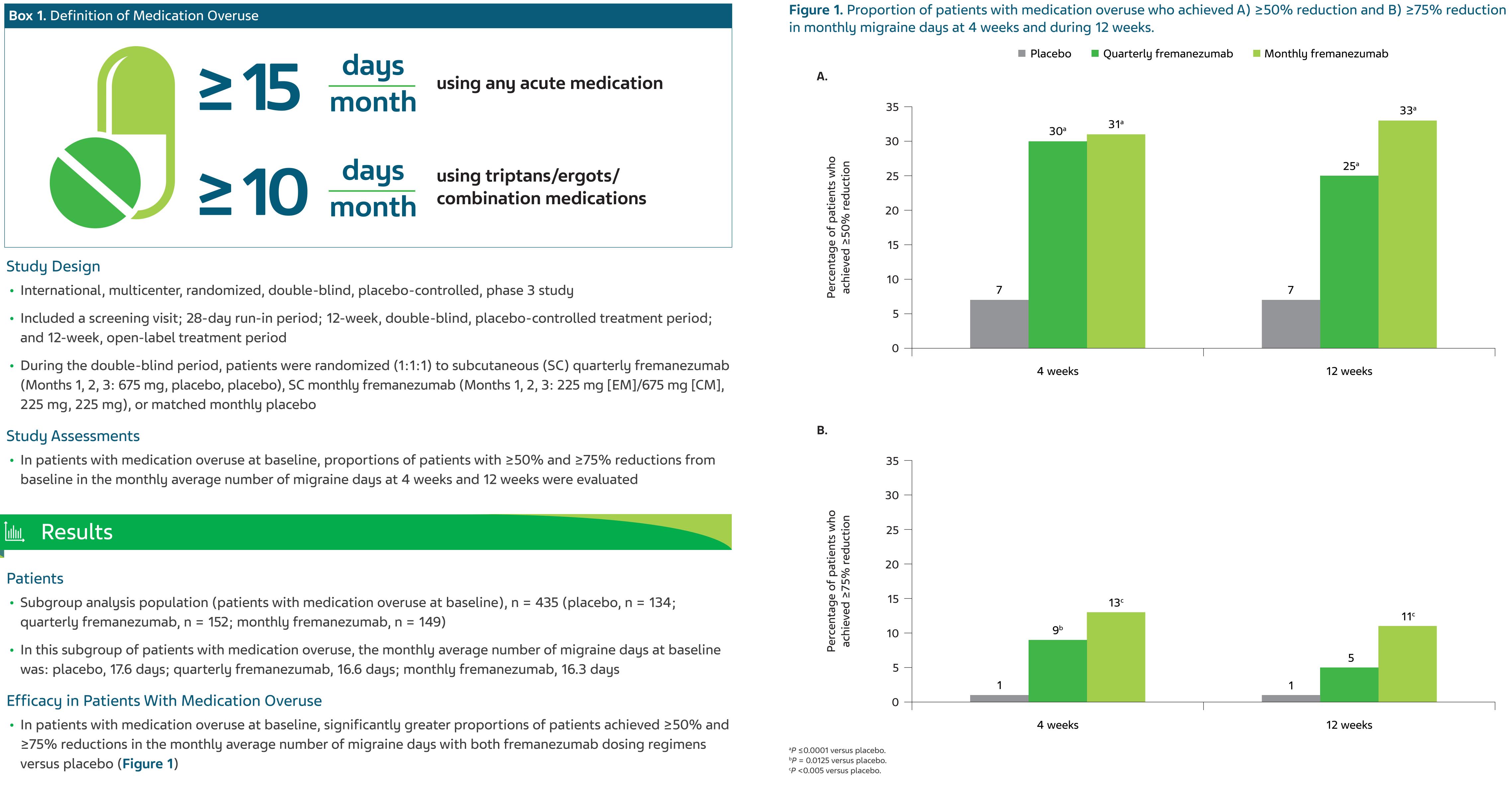
### Patients

- This study included adult patients with episodic migraine (EM) or chronic migraine (CM) with documented inadequate response to 2 to 4 classes of prior migraine preventive medications
- This subgroup analysis included patients with medication overuse at baseline (**Box 1**)
- Patients in this subgroup analysis were not detoxified or educated/counseled about the risk of medication overuse

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• Among patients with medication overuse and documented inadequate response to 2 to 4 classes of migraine preventive medications, significantly higher proportions achieved ≥50% to ≥75% reductions in monthly migraine days after fremanezumab treatment versus placebo • As patients were not counseled about medications in order to be weaned off offending acute medications in order to obtain clinically meaningful responses to fremanezumab



### Study Design

### Efficacy in Patients With Medication Overuse