Rimegepant may be a novel approach to the acute treatment of migraine.

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SAN FRANCISCO—Among patients with migraine, significant and durable clinical effects were seen with a single dose of rimegepant across multiple outcome measures, including pain freedom, freedom from most bothersome symptom, pain relief, and recovery of normal function, according to data presented at the 60th Annual Scientific Meeting of the American Headache Society. Rimegepant (75 mg oral tablet) demonstrated favorable tolerability and safety, including a liver safety profile, similar to placebo. “These clinically meaningful results complement the benefits seen in an identical phase III study and a previous phase IIb study,” said Richard B. Lipton, MD, Edwin S. Lowe Chair in Neurology at Albert Einstein College of Medicine in New York, and colleagues. “Rimegepant may ultimately offer patients a novel approach for the acute treatment of migraine.”

Dr. Lipton and colleagues conducted a double-blind, randomized, placebo-controlled trial to compare the efficacy, safety, and tolerability of the calcitonin gene-related peptide (CGRP) receptor antagonist rimegepant (75 mg oral tablet) with placebo in the acute treatment of migraine in adults.

The study included adults 18 or older with at least a one-year history of migraine according to ICHD 3-beta criteria. Following a three- to 28-day screening period, subjects were randomized to receive 75 mg of rimegepant or placebo and instructed to treat a single migraine attack with one
A single dose of rimegepant, without the use of rescue medication, demonstrated superiority versus placebo for sustained pain freedom and pain relief from two through 48 hours postdose. On a measure of functional disability, a greater proportion of rimegepant-treated patients achieved normal function at two hours. The safety and tolerability profiles of rimegepant were similar to those of placebo. The most common adverse events in the rimegepant and placebo groups were nausea (0.9% [5 of 546] vs 1.1% [6 of 549], respectively) and dizziness (0.7% [4 of 546] vs 0.4% [2 of 549], respectively).
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