

Consistent efficacy and safety of erenumab in episodic migraine patients during a 5-year, open-label extension study



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Disclosures

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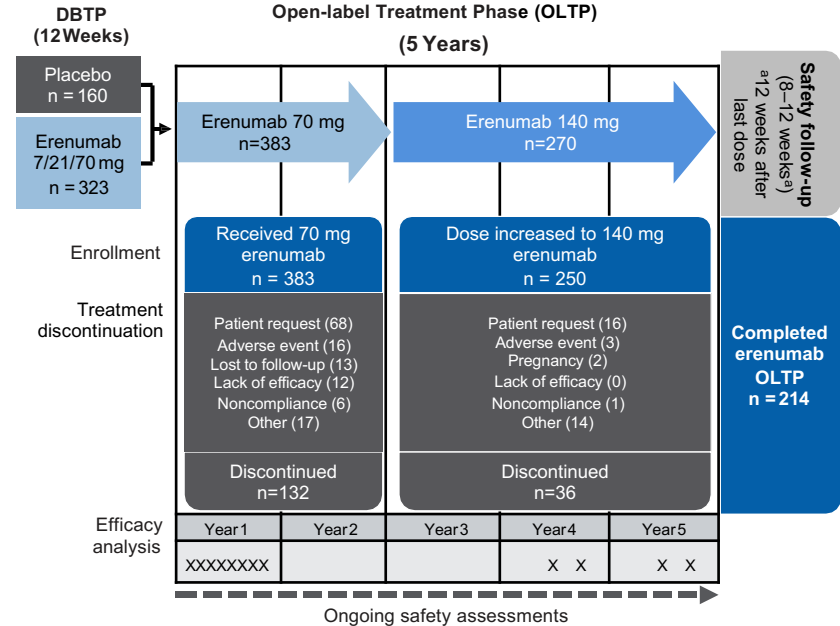
Objective

- To evaluate the long-term efficacy and safety of erenumab in patients with episodic migraine who completed a 5-year treatment (Clinicaltrials.gov NCT01952574)

Methods

- Patients included in the completer analysis set if they had received the last scheduled erenumab 140 mg at week 264
- Baseline defined as 4-week period prior to the double-blind treatment phase (DBTP)
- DBTP safety assessed using data pooled from 4 pivotal studies in episodic and chronic migraine (12 weeks)¹

Study design and disposition



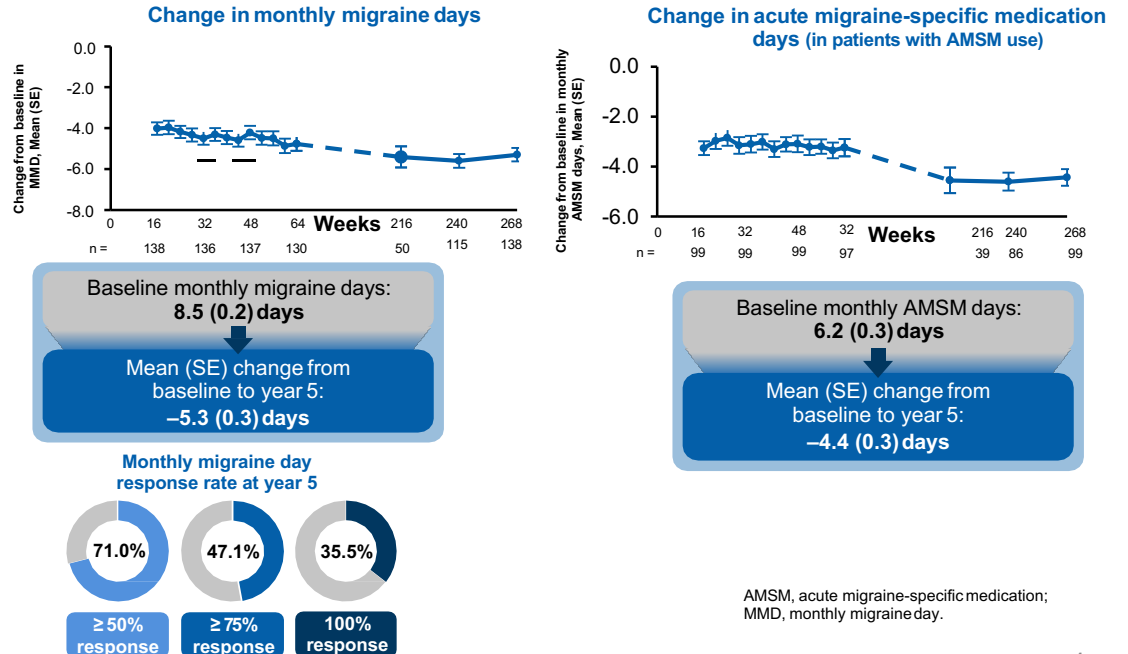
Results



Baseline characteristics	All patients (n = 383)	Completers (n = 214)
Demographics		
Age, years	41.3 (10.9)	42.3 (10.8)
Sex, female, n (%)	303 (79.1)	171 (79.9)
Race, white, n (%)	354 (92.4)	201 (93.9)
Baseline disease characteristics		
Age at migraine onset, years	20.9 (11.3)	21.8 (12.0)
Duration of disease, years	20.9 (11.9)	21.1 (11.7)
History of migraine with aura, n (%)	137 (35.8)	81 (37.9)
Monthly migraine days	8.7 (2.7)	8.6 (2.7)
Monthly acute migraine-specific medication days ^a	4.3 (3.7)	4.5 (3.6)
Prior preventive therapy, n (%)		
Prior use	169 (44.1)	94 (43.9)
≥1 Treatment failure ^b	138 (36.0)	76 (35.5)

^aMigraine-specific medications were triptans and ergotamine derivatives.
^bIncluded discontinuation due to lack of efficacy and/or side effects.
 Data represent mean (SD) unless otherwise indicated.

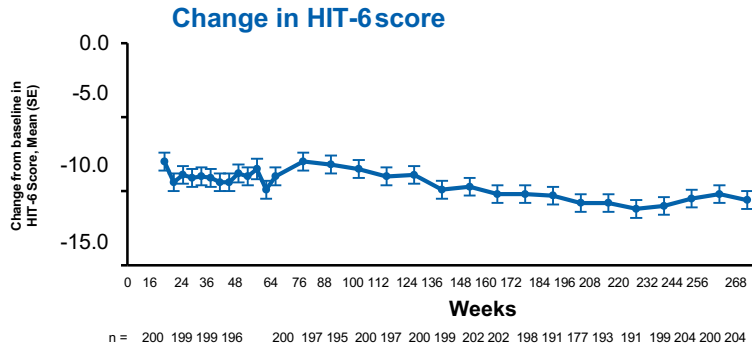
Erenumab demonstrated consistent and sustained clinical responses in patients who completed 5 years of treatment



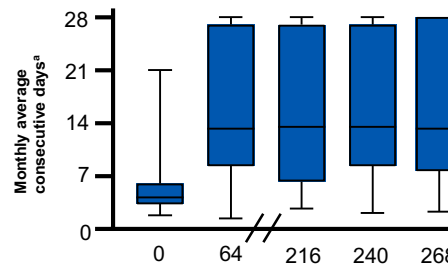
Results



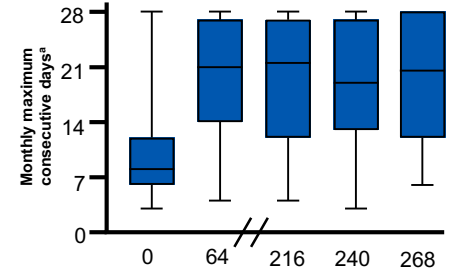
Erenumab demonstrated consistent and sustained clinically meaningful improvements in patient reported outcomes and increased consecutive days free of moderate/severe headache in patients who completed 5 years of treatment



Average consecutive days free of moderate/severe headache per month



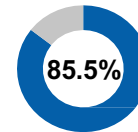
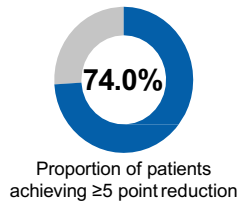
Maximum consecutive days free of moderate/severe headache per month



Baseline HIT-6 total score:
59.9 (0.4) days

↓

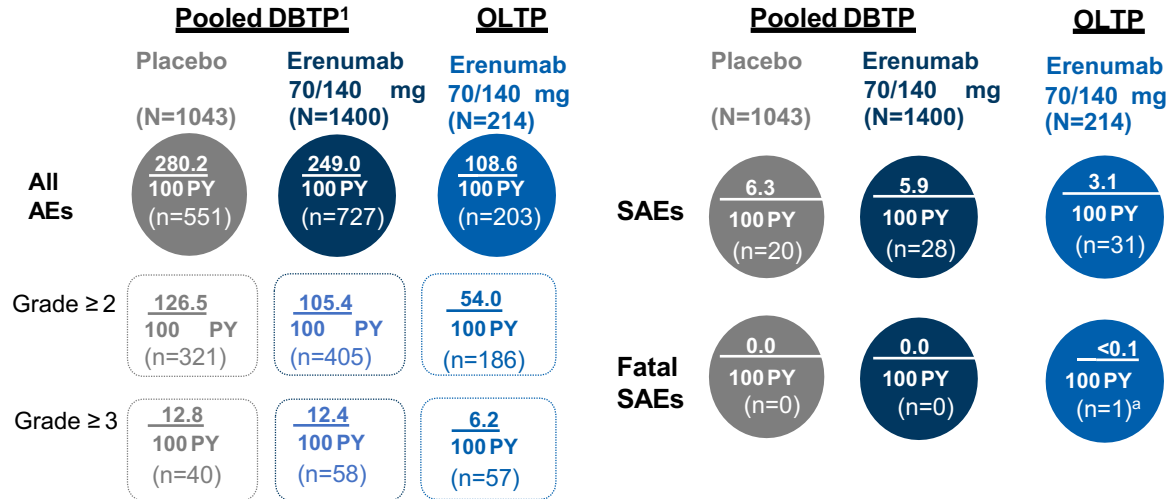
Mean (SE) change from baseline to year 5:
-10.6 (0.6) days



Proportion of patients with ≥1 interval of ≥14 consecutive days free of moderate/severe headache at week 216, 240, 264, or 268

^aMaximum 28 days possible during 4-week evaluation period

Results

Exposure-adjusted adverse events
n [r]**Most frequent AEs (OLTP):**

- Nasopharyngitis (n=80 [9.7/100 PY])
- upper respiratory tract infection (n=59 [6.5/100 PY])
- influenza (n=48 [5.0/100 PY])

SAEs reported by >1 patient each (OLTP):

Osteoarthritis (n=2), uterine leiomyoma (n=2), ligament rupture (n=2), appendicitis (n=2)

There was no increased emergence of adverse events over time in patients who completed 5 years of treatment

^aOne fatality ("death unattended") occurred during the safety follow-up when no erenumab was administered; considered unrelated to study drug by the investigator.
PY, patient year

Conclusions



- Erenumab demonstrated consistent and sustained clinical responses in patients who completed 5 years of treatment
 - Maintained reductions in monthly migraine days and AMSM days
 - Maintained clinically meaningful improvements in HIT-6
 - Majority of patients achieved $\geq 50\%$ reduction in monthly migraine days from baseline
 - Increased average and maximum monthly headache-free intervals
- Demographics and baseline characteristics were similar between completers and the full study population
- No new safety signals were detected in patients who completed the 5-year extended erenumab treatment period
 - Exposure-adjusted AEs and SAEs during OLTP were lower than that observed for placebo during DBTP