The Growing Exposure of Aimovic

The preventive migraine treatment with the most extensive real-world patient experience



- Is the 1st preventive migraine eatment approved by the FDA
- Demonstrated sustained efficacy and safety for people living with migraine, which remains the third most common
- Has consistently shown to reduce monthly migraine days, including in more difficult to treat populations, with many patients
- Can be self-administered or by another trained person every four weeks with the SureClick® autoinjector

Aimovig's fast growing real world experience



Aimovig is the migraine prevention treatment with the largest and longest exposure in the market



Aimovig® is currently available in 29 countries worldwide

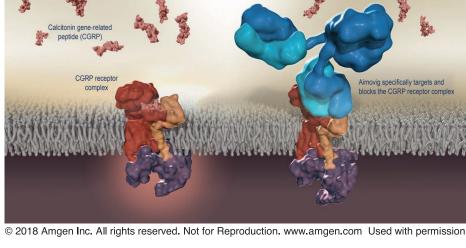


Unique mode of action

Aimovig is the first and only treatment approved by the EMA and the FDA for the prevention of migraine in adults targeting the calcitonin gene-related peptide receptor (CGRP-R).

CGRP is a protein that binds to the CGRP receptor complex

and is thought to be responsible for transmitting the pain signals associated with migraine.7,8





Growing clinical evidence on Aimovig's long-term efficacy and safety

More than two-thirds of chronic migraine patients

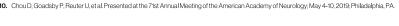
converted to episodic migraine by the last dose received (Results from a 52-week, multicenter study, OLE, NCT02174861).9



the efficacy data showed sustained benefits over 52 weeks.10

In the one-year extension of the Phase 3 STRIVE study,

- 2. Goadsby PJ et al. Trial of Erenumab for Episodic Migraine. N Engl J Med. 2017 Nov 30,377(22):2123-2132. 3. Dodick DW et al. ARISE: A Phase 3 randomized trial of erenumab for episodic migraine. Cephalalgia. 2018 May;38(6):1026-1037.
 - Tepper S, Ashina M, Reuter U. Safety and efficacy of erenumab for preventive treatment of chronic migraine: A randomised, double-blind, placebo-controlled phase 2 trial.
- 5. Migraine Research Foundation. Migraine facts. https://migraineresearchfoundation.org/about-migraine/migraine-facts/. Accessed March 2019. 6. Data on File. Novartis. April 2019.
- 8. Lassen LH, Hadersley PA, Jacobsen VB, et al. CGRP may play a causative role in migraine. Cephalalgia. 2002;22(1):54-61. 9. Lipton R, Tepper S, Silberstein S, et al. Presented at the 71st Annual Meeting of the American Academy of Neurology; May 4-10, 2019; Philadelphia, PA.





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