

## Name(s)

- **Generic:** erenumab (e REN ue mab) | **Brand:** Aimovig

## Therapeutic Category

- Antimigraine Agent | Calcitonin Gene-Related Peptide (CGRP) Receptor Antagonist | Monoclonal Antibody | CGRP inhibitor

## Indication(s)

1. **Migraine Prophylaxis:** Used in the prevention of migraines in adults. Generally used in addition to other preventive treatments.

## Dosage Form & Strength

- **Solution; Subcutaneous Preservative Free Autoinjector:** 70 mg/mL; 140 mg/mL

## Dosing by Indication

- **Dosing for Migraine Prophylaxis in Adults:**
  - Inject 70-140 mg dose under the skin (subcutaneously) once a month.
  - If dose is missed administer the dose as soon as possible and next dose is one month from last dose.

## Mechanism of Action & Pharmacology

- **MOA:** Aimovig is a human monoclonal antibody. This drug blocks the normal function of the calcitonin gene-related peptide (CGRP) receptor. This is beneficial because CGRP is a protein that causes intense inflammation in the meninges and nerve ending of brain.
- **Metabolism:** Through the nonspecific proteolytic pathway | **Time to Peak:** Around 6 days | **Half-Life Elimination:** 28 days

## Special Populations & Considerations

- Disease related concern in patients with **cardiovascular disease** due to possibility for medication to increase blood pressure.
- **Latex allergy** is a concern since the packaging; such as the needle shield/needle cap; may contain latex.
- Aimovig may start working w/in one month but it generally takes between 2-3 months for patients to benefit from the medication.
- Number of headache days is halved in approximately 49% of patients on the 70 mg dose and up to 70% of patients on the 140 mg dose.
- Regarding **Episodic migraines**, there is a reduction of 2-4 headache days or 48 days per year.
- Regarding **Chronic migraines**, there is a reduction of 6-8 headache days per month or 96 days (3 months) per year.

## Side Effects

- **Injection site** pain, redness, swelling;
- Dizziness, cramps, vision changes, passing out, **constipation, increased blood pressure**



## Drug Interactions

- Nothing of note

## Monitoring Parameters

- Check blood pressure regularly | Number of monthly migraine days

## Patient Counseling Information

- Medication is used to prevent (not treat) migraines.
- Aimovig does not work for everybody and may take up to 3 months for patients to benefit from the medication.
- Be aware of common side effects such as Injection site pain/redness/swelling & constipation
- Aimovig is injected under the skin in the abdomen, thigh, or upper arm.
- When storing refrigerate (Not freeze) using the original container. Once opened keep in room temp and use w/in 7 days.
- After 7 days in room temperature, discard unused medication.

## Reference(s)

- <https://www.drugs.com/ppa/erenumab.html>
- <https://www.drugs.com/medical-answers/long-aimovig-start-working-3536408/>
- <https://www.webmd.com/drugs/2/drug-175273/erenumab-aooe-subcutaneous/details>

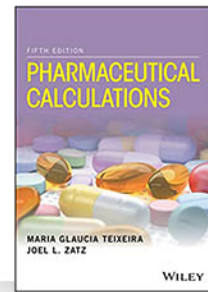


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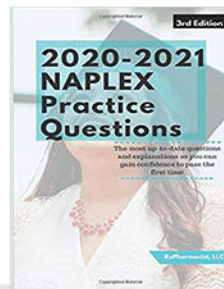
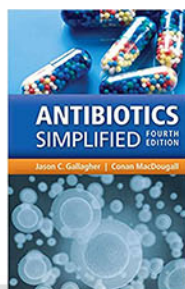
## Calculations (NAPLEX)



## Pharmacy Law (MPJE)



## Supplemental



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